CARMONA RESOURCES

SITE INFORMATION

Closure Report
Ross Draw Reuse Pit Lay Flat Line
Eddy County, New Mexico
Unit D Sec 16 T26S R31E
Incident #: nAPP2322335101
32.048123°, -103.789190°

Reuse Water Release
Point of Release: Ruptured 12” Lay Flat Line
Release Date: 07/27/23
Volume Released: 300 barrels of Reuse Water
Volume Recovered: 220 barrels of Reuse Water

CARMONA RESOURCES

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

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

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CARMONA RESOURCES

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CARMONA RESOURCES

January 4, 2024

Mike Bratcher
District Supervisor
Oil Conservation Division, District 2
811 S. First Street
Artesia, New Mexico 88210

Re: Closure Report
Ross Draw Reuse Pit Lay Flat Line
EOG Resources, Inc
Incident # nAPP2322335101
Site Location: Unit D, S16, T26S, R31E
(Lat 32.048123°, Long -103.789190°)
Eddy County, New Mexico

Mr. Bratcher:

On behalf of EOG Resources, Inc. (EOG), Carmona Resources, LLC has prepared this letter to document site activities for the Ross Draw Reuse Pit Lay Flat Line. The site is located at 32.048123, -103.789190 within Unit D, S16, T26S, and R31E in Eddy 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 July 27, 2023, due to a ruptured 12-inch reuse water lay flat line. It released three hundred (300) barrels of reuse water, with two hundred twenty (220) barrels 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 0.89 miles northwest of the site in S08, T26S, R31E and was drilled in 1977 but recently gauged in 2021. The well has a reported depth to groundwater of 300’ below ground surface (ft bgs). A copy of the associated Summary report is attached in Appendix D.

On October 17, 2019, White Drilling Company, Inc. was onsite to drill a geotechnical boring to 75’ bgs. The bore was left open for 72 hours and tagged with a water level meter. No water was detected at 75’ bgs. The coordinates for the groundwater determination bore are 32.048581, -103.789271. See Appendix D for the driller’s log.

3.0 NMAC Regulatory Criteria

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

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

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4.0 Site Assessment Activities

Initial Assessment

On August 1, 2022, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of seven (7) sample points (S-1 through S-7) and nine (9) horizontal samples (H-1 through H-9) were advanced to depths ranging from the surface to 4' bgs inside and surrounding the release area to assess the vertical and horizontal extent. 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 D. See Table 1 for the analytical results.

Vertical Delineation

Vertical delineation was achieved for the areas of S-3 and S-7. The areas of S-1, S-2, S-4, S-5, and S-6 were not vertically delineated due to a dense, cemented geological layer ranging from 1.5-4' in various areas of the release. Refer to Table 1.

Horizontal Delineation

The areas of H-1 through H-9 were below the regulatory limits for benzene, total BTEX, TPH, and chloride concentrations. Refer to Table 1.

5.0 Remediation Activities

Carmona Resources personnel were on site to oversee excavation activities, collect confirmation samples, document backfill activities, and reseeding. Before collecting composite confirmation samples, the NMOCD division office was notified via email on November 13, 2023, per Subsection D of 19.15.29.12 NMAC. See Appendix C. A total of thirty-one (31) confirmation floor samples (CS-1 through CS-31) and twenty-seven (27) sidewall samples (SW-1 through SW-27) were collected every 200 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0/4500. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figure 4.

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

6.0 Reclamation Activities

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. The backfilled areas were seeded via hand-broadcasting on December 11, 2023, with the appropriate pounds of pure live seed per acre. The topsoil was raked onto the seed to aid the vegetation process. The seed mixture used was the BLM Seed Mixture 1. See Appendix F for soil survey and map. See Figure 5 for the reclamation area.

Approximately 600 cubic yards of material were excavated and transported offsite for proper disposal.

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7.0 Conclusions

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

Sincerely,
Carmona Resources, LLC

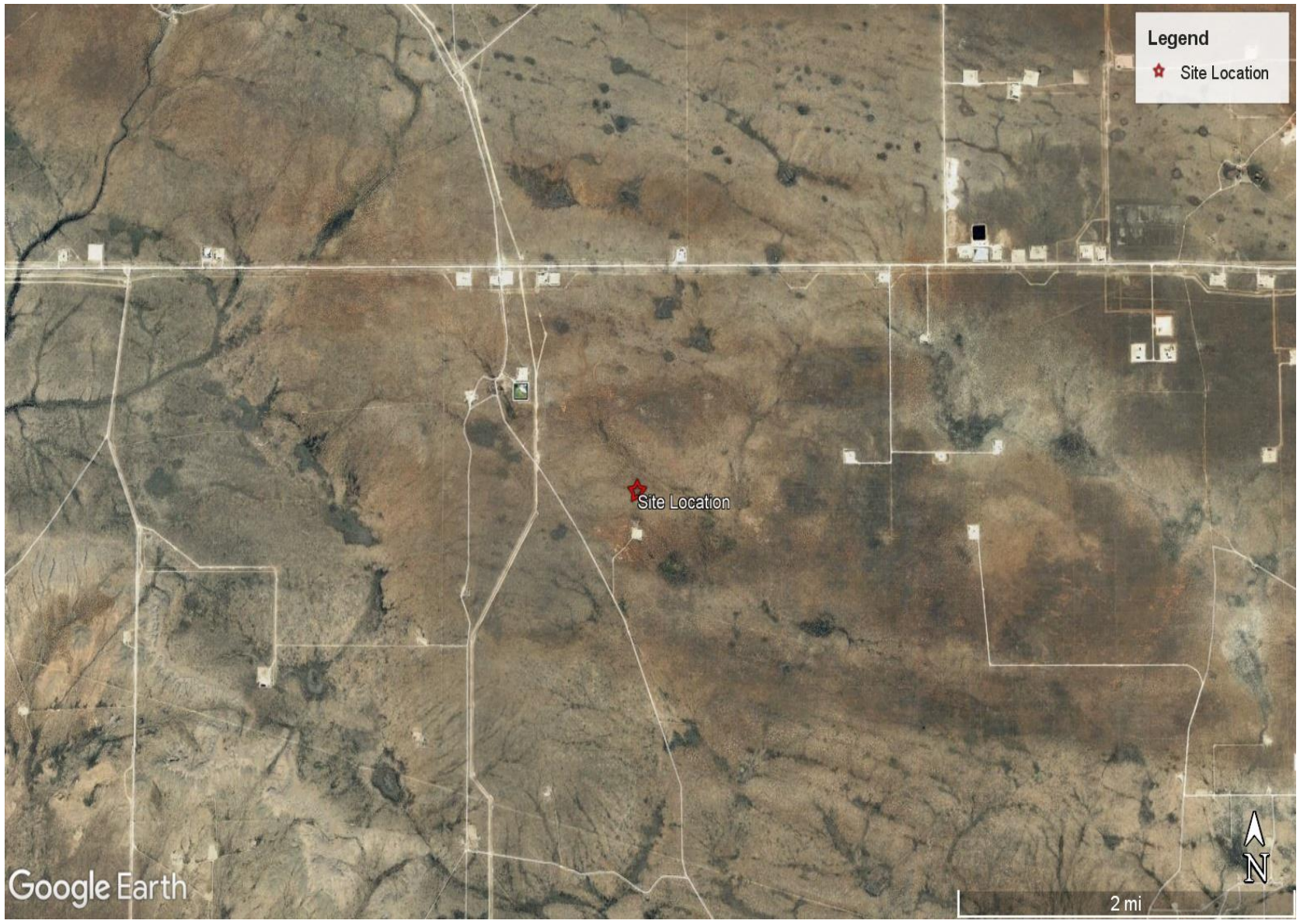
Mike Carmona
Environmental Manager

Devin Dominguez
Sr. Project Manager

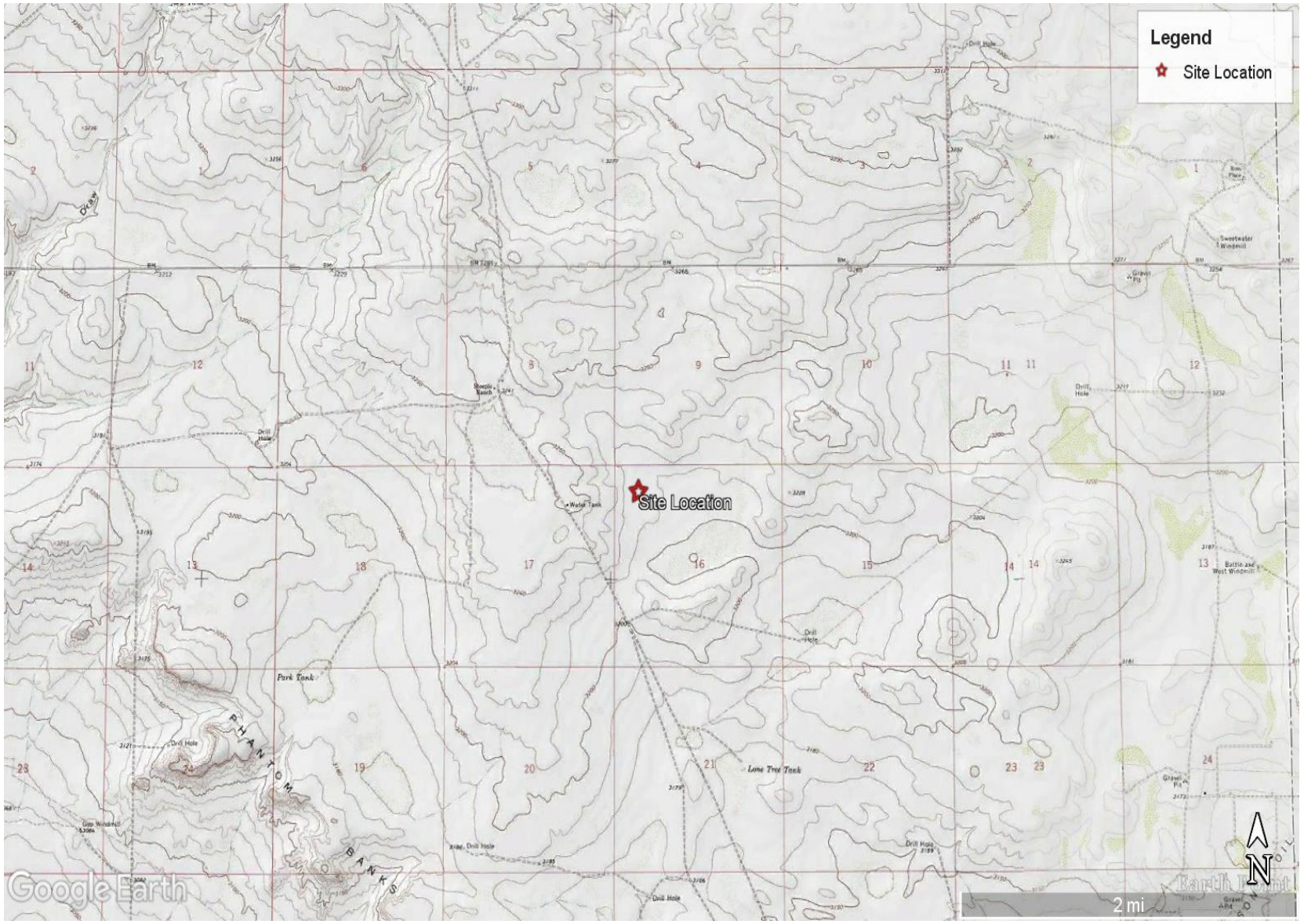
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FIGURES

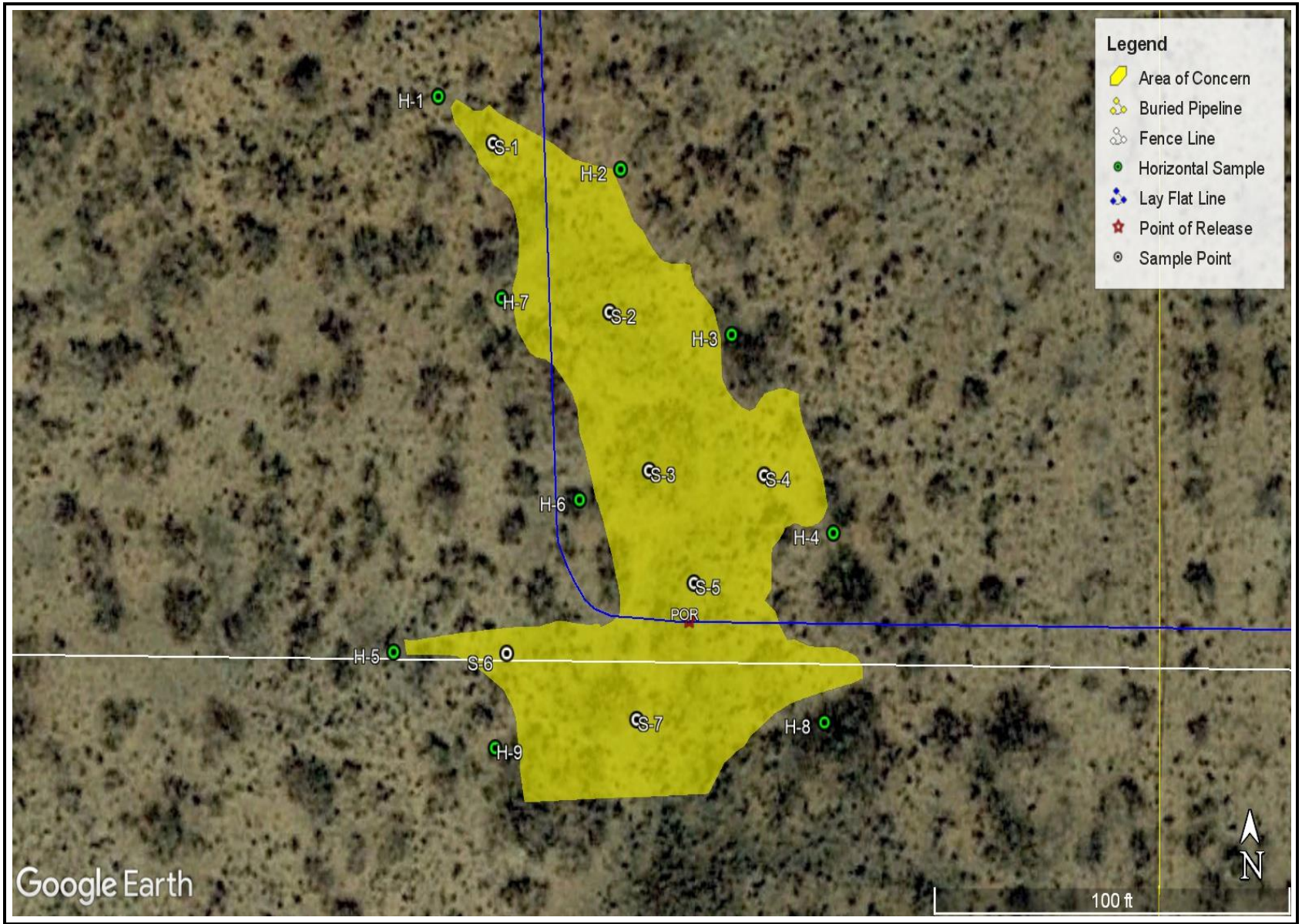
CARMONA RESOURCES



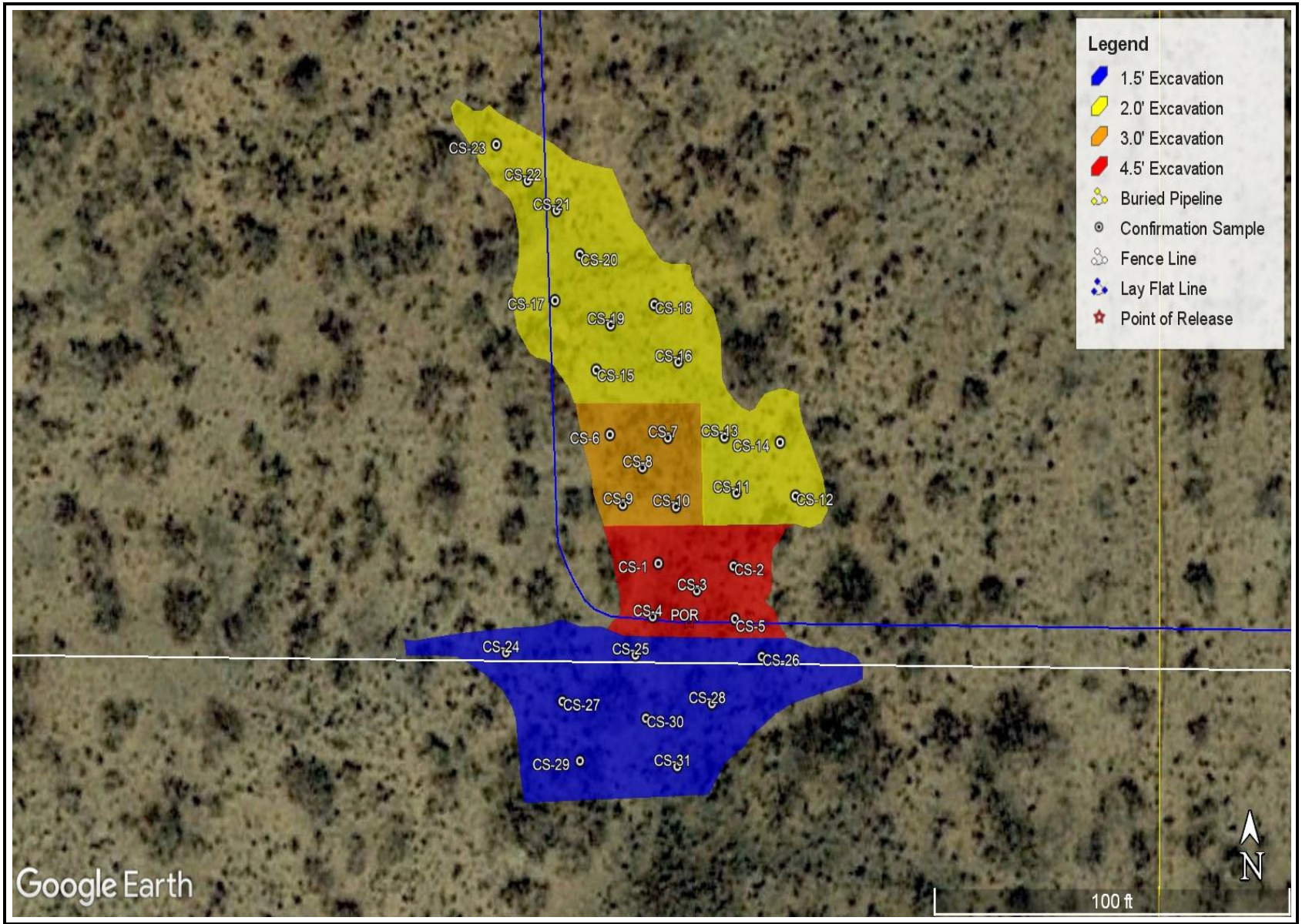
OVERVIEW MAP EOG RESOURCES ROSS DRAW REUSE PIT LAY FLAT LINE EDDY COUNTY, NEW MEXICO 32.048123°, -103.789190°	CARMONA RESOURCES	FIGURE 1



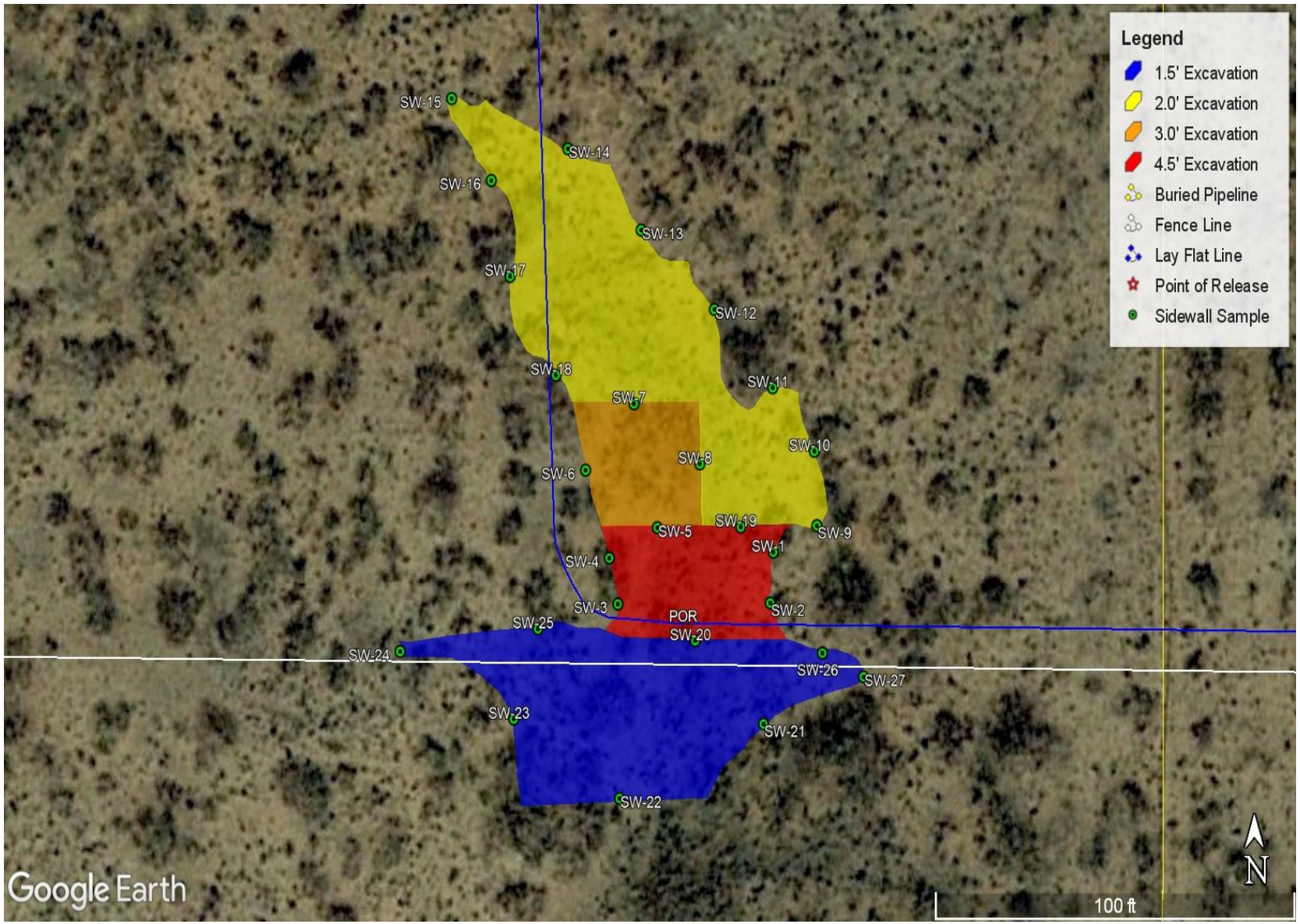
TOPOGRAPHIC MAP EOG RESOURCES ROSS DRAW REUSE PIT LAY FLAT LINE EDDY COUNTY, NEW MEXICO 32.048123°, -103.789190°	CARMONA RESOURCES	FIGURE 2



SAMPLE LOCATION MAP EOG RESOURCES ROSS DRAW REUSE PIT LAY FLAT LINE EDDY COUNTY, NEW MEXICO 32.048123°, -103.789190°	CARMONA RESOURCES	FIGURE 3



EXCAVATION MAP EOG RESOURCES ROSS DRAW REUSE PIT LAY FLAT LINE EDDY COUNTY, NEW MEXICO 32.048123°, -103.789190°	CARMONA RESOURCES	FIGURE 4A



EXCAVATION MAP EOG RESOURCES ROSS DRAW REUSE PIT LAY FLAT LINE EDDY COUNTY, NEW MEXICO 32.048123°, -103.789190°	CARMONA RESOURCES	FIGURE 4B



RECLAMATION MAP EOG RESOURCES ROSS DRAW REUSE PIT LAY FLAT LINE EDDY COUNTY, NEW MEXICO 32.048123°, -103.789190°	CARMONA RESOURCES	FIGURE 5

APPENDIX A

CARMONA RESOURCES



Table 1
EOG Resources
Ross Draw Reuse Pit Lay Flat Line
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-1	8/1/2023	0-1	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	**725**
	"	1.5	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	**2,540**
S-2	8/1/2023	0-1	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	469
	"	1.5	<50.5	<50.5	<50.5	<50.5	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**4,300**
S-3	8/1/2023	0-1	<50.1	80.1	<50.1	80.1	<0.00200	<0.00200	<0.00200	0.0102	0.0102	**4,440**
	"	1.5	<50.3	<50.3	<50.3	<50.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**3,600**
	"	2.0	<50.2	<50.2	<50.2	<50.2	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**611**
	"	3.0	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	301
S-4	8/1/2023	0-1	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	**632**
	"	1.5	<50.3	<50.3	<50.3	<50.3	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**3,860**
S-5	8/1/2023	0-1	<50.4	**145**	<50.4	**145**	<0.00199	<0.00199	<0.00199	0.00529	0.00529	**1,740**
	"	1.5	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**2,060**
	"	2.0	<50.1	<50.1	<50.1	<50.1	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	208
	"	3.0	<49.6	<49.6	<49.6	<49.6	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	334
	"	4.0	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**2,570**
S-6	8/1/2023	0-1	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	**4,690**
S-7	8/1/2023	0-1	<50.4	<50.4	<50.4	<50.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**1,980**
	"	1.5	<50.4	<50.4	<50.4	<50.4	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	231
	"	2.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	47.7
Regulatory Criteria [A]			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

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

Table 1
EOG Resources
Ross Draw Reuse Pit Lay Flat Line
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
H-1	8/1/2023	(0-0.5')	<50.0	61.4	<50.0	61.4	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	45.8
H-2	8/1/2023	(0-0.5')	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	60.3
H-3	8/1/2023	(0-0.5')	<50.2	<50.2	<50.2	<50.2	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	37.2
H-4	8/1/2023	(0-0.5')	<50.4	<50.4	<50.4	<50.4	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	36.8
H-5	8/1/2023	(0-0.5')	<50.4	<50.4	<50.4	<50.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	85.2
H-6	8/1/2023	(0-0.5')	<49.8	<49.8	<49.8	<49.8	<0.00198	0.00377	<0.00198	<0.00396	<0.00396	52.1
H-7	8/1/2023	(0-0.5')	<49.6	<49.6	<49.6	<49.6	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	41.5
H-8	8/1/2023	(0-0.5')	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	41.2
H-9	8/1/2023	(0-0.5')	<50.3	<50.3	<50.3	<50.3	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	86.9
Regulatory Criteria [A]			**1,000 mg/kg**			**2,500 mg/kg**	**10 mg/kg**				**50 mg/kg**	**10,000 mg/kg**

(-) Not Analyzed

[A] – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(H) Horizontal Sample

Table 2
EOG Resources
Ross Draw Reuse Pit Lay Flat Line
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	11/16/2023	4.5	<50.5	<50.5	<50.5	<50.5	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	3,790
CS-2	11/16/2023	4.5	<50.4	<50.4	<50.4	<50.4	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	6,950
CS-3	11/16/2023	4.5	<50.2	<50.2	<50.2	<50.2	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	6,230
CS-4	11/16/2023	4.5	<50.2	<50.2	<50.2	<50.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	5,900
CS-5	11/16/2023	4.5	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	6,230
CS-6	11/16/2023	3.0	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	5.45
CS-7	11/16/2023	3.0	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	5.33
CS-8	11/16/2023	3.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	37.4
CS-9	11/16/2023	3.0	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	162
CS-10	11/16/2023	3.0	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	54.9
CS-11	11/16/2023	2.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	34.9
CS-12	11/16/2023	2.0	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<4.98
CS-13	11/16/2023	2.0	<50.3	<50.3	<50.3	<50.3	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	6.42
CS-14	11/16/2023	2.0	<50.4	<50.4	<50.4	<50.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.04
CS-15	11/16/2023	2.0	<49.6	<49.6	<49.6	<49.6	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<5.02
CS-16	11/16/2023	2.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	158
Regulatory Criteria [A]			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

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

Table 2
EOG Resources
Ross Draw Reuse Pit Lay Flat Line
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-17	11/16/2023	2.0	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	58.0
CS-18	11/16/2023	2.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	54.2
CS-19	11/16/2023	2.0	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	246
CS-20	11/16/2023	3.0	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	210
CS-21	11/16/2023	2.0	<50.4	<50.4	<50.4	<50.4	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<5.00
CS-22	11/16/2023	2.0	<50.5	<50.5	<50.5	<50.5	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<4.98
CS-23	11/16/2023	2.0	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<5.01
CS-24	11/17/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-25	11/17/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-26	11/17/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-27	11/17/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-28	11/17/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-29	11/17/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-30	11/17/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-31	11/17/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
Regulatory Criteria [A]			**1,000 mg/kg**			**2,500 mg/kg**	**10 mg/kg**				**50 mg/kg**	**10,000 mg/kg**

(-) Not Analyzed

[A] – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(CS) Confirmation Sample

Table 2
EOG Resources
Ross Draw Reuse Pit Lay Flat Line
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-1	11/16/2023	4.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<5.02
SW-2	11/16/2023	4.5	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	19.0
SW-3	11/16/2023	4.5	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	10.6
SW-4	11/16/2023	4.5	<50.4	<50.4	<50.4	<50.4	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	5.81
SW-5	11/16/2023	1.5	<50.5	<50.5	<50.5	<50.5	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<5.02
SW-6	11/16/2023	3.0	<50.2	<50.2	<50.2	<50.2	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	7.66
SW-7	11/16/2023	1.0	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<5.05
SW-8	11/16/2023	1.0	<50.5	<50.5	<50.5	<50.5	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	6.56
SW-9	11/16/2023	2.0	<50.5	<50.5	<50.5	<50.5	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	8.38
SW-10	11/16/2023	2.0	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	7.41
SW-11	11/16/2023	2.0	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	68.5
SW-12	11/16/2023	2.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.03
SW-13	11/16/2023	2.0	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	26.8
SW-14	11/16/2023	2.0	<50.3	<50.3	<50.3	<50.3	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<4.99
SW-15	11/16/2023	2.0	<50.4	<50.4	<50.4	<50.4	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<5.00
SW-16	11/16/2023	2.0	<50.2	<50.2	<50.2	<50.2	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	25.6
Regulatory Criteria [A]			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

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

Table 2
EOG Resources
Ross Draw Reuse Pit Lay Flat Line
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-17	11/16/2023	2.0	<49.5	<49.5	<49.5	<49.5	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	51.0
SW-18	11/16/2023	2.0	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	24.7
SW-19	11/17/2023	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-20	11/17/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-21	11/17/2023	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-22	11/17/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-23	11/17/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-24	11/17/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-25	11/17/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-26	11/17/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-27	11/17/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
Regulatory Criteria [A]			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed

[A] – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(SW) Sidewall Sample

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

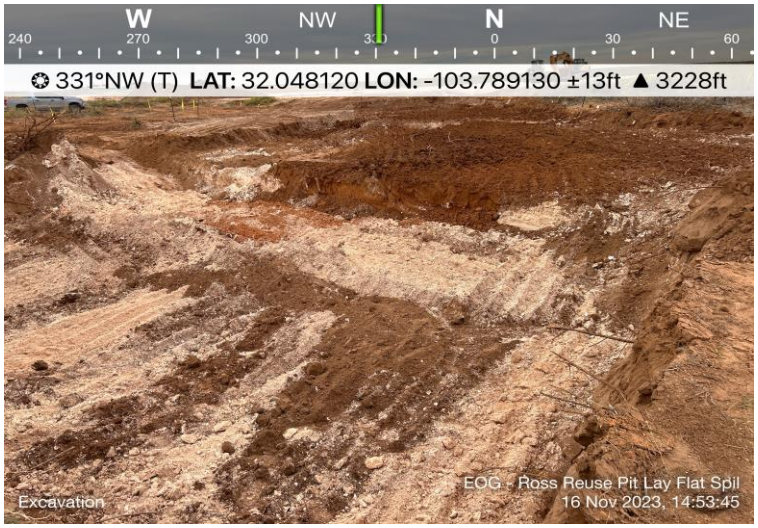
EOG Resources, Inc

Photograph No. 1

Facility: Ross Draw Reuse Pit Lay Flat Line

County: Eddy County, New Mexico

Description:
View Northwest, area of CS-1 through CS-5.

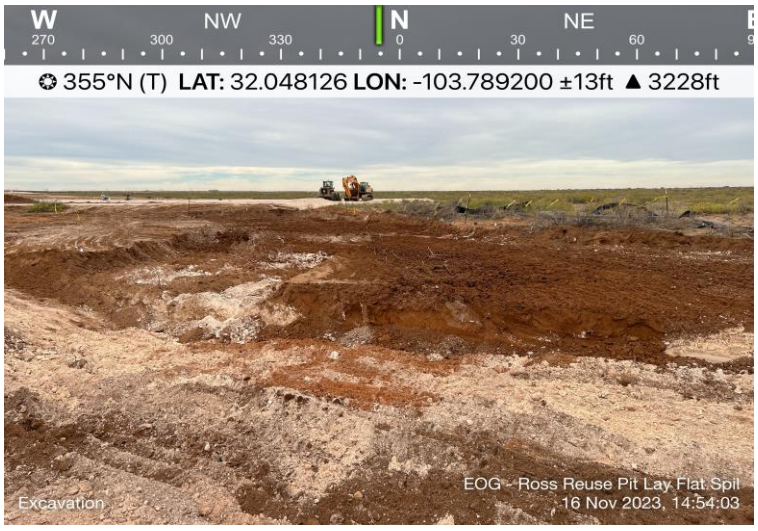


Photograph No. 2

Facility: Ross Draw Reuse Pit Lay Flat Line

County: Eddy County, New Mexico

Description:
View North, area of CS-6 through CS-14.



Photograph No. 3

Facility: Ross Draw Reuse Pit Lay Flat Line

County: Eddy County, New Mexico

Description:
View East, area of CS-15 through CS-23.



PHOTOGRAPHIC LOG

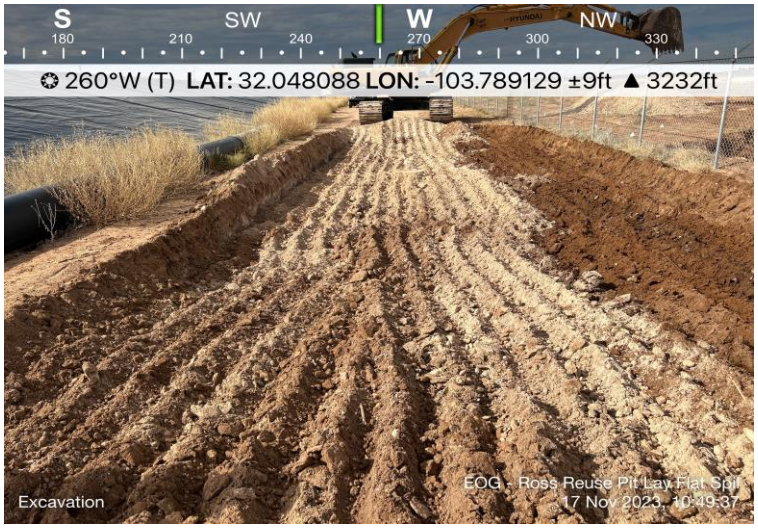
EOG Resources, Inc

Photograph No. 4

Facility: Ross Draw Reuse Pit Lay Flat Line

County: Eddy County, New Mexico

Description:
View West, area of CS-24 through CS-31.

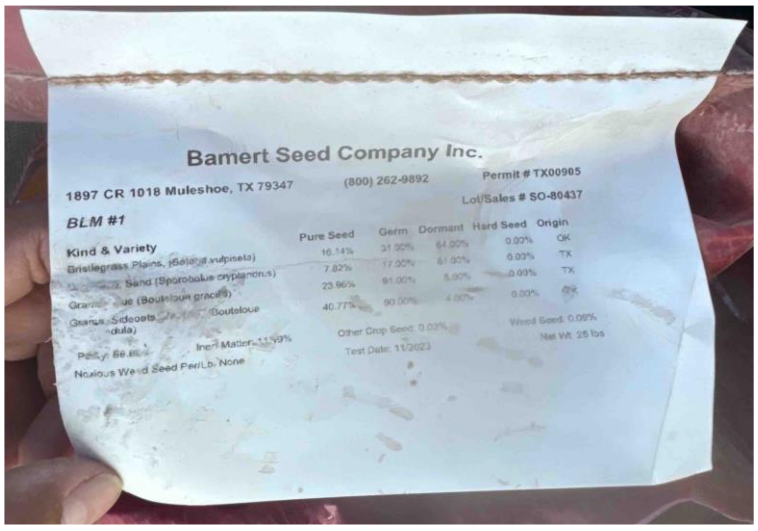


Photograph No. 5

Facility: Ross Draw Reuse Pit Lay Flat Line

County: Eddy County, New Mexico

Description:
Seed Mixture.



Photograph No. 6

Facility: Ross Draw Reuse Pit Lay Flat Line

County: Eddy County, New Mexico

Description:
View South, hand broadcasting of seed mixture.



PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 7

Facility: Ross Draw Reuse Pit Lay Flat Line

County: Eddy County, New Mexico

Description:
View Southeast, hand broadcasting of seed mixture.



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	nAPP2322335101
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)* nAPP2322335101
Contact mailing address 5509 Champions Drive Midland, TX 79706	

Location of Release Source

Latitude 32.048123° Longitude -103.789190°
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Ross Draw Reuse Pit Lay Flat Line	Site Type Lay Flat Line
Date Release Discovered 7/27/23	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
D	16	26S	31E	Eddy

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) 300	Volume Recovered (bbls) 220
	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: At the Ross Draw Reuse Pit, the 12-inch reuse water lay flat line ruptured causing the release. Approximately 300 bbls of treated reuse water was released in the ROW and in the pasture with 220 bbls recovered.

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2322335101
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? More than 25 bbls.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Email notification to the OCD Enviro Inbox on 7/28/23.	

Initial Response

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

☒ The source of the release has been stopped.
☒ The impacted area has been secured to protect human health and the environment.
☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

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

Printed Name: Todd Wells Title: Environmental Specialist

Signature: Todd Wells Date: 8/11/23

email: Todd_Wells@eogresources.com Telephone: (432) 686-3613

OCD Only

Received by: Shelly Wells Date: 8/11/2023

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

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 251005
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	8/11/2023

State of New Mexico
Oil Conservation Division

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

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: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

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

☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☐ Description of remediation activities

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

Printed Name: _____ Title: _____

Signature: Todd Wells Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

Conner Moehring

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Monday, November 13, 2023 2:38 PM
To: Devin Dominguez
Cc: todd_wells@eogresources.com; Mike Carmona; Conner Moehring; Clint Merritt; Hamlet, Robert, EMNRD; Bratcher, Michael, EMNRD
Subject: RE: [EXTERNAL] EOG - Ross Draw Reuse Pit Lay Flat Line - Sampling Notification - Incident #NAPP2322335101

Hi Devin,

The OCD has received your notification. Include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thank you,

Shelly

Shelly Wells * Environmental Specialist-Advanced
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520|Shelly.Wells@emnrd.nm.gov
http://www.emnrd.state.nm.us/OCD/

From: Devin Dominguez <Ddominguez@carmonaresources.com>
Sent: Monday, November 13, 2023 2:04 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: todd_wells@eogresources.com; Mike Carmona <Mcarmona@carmonaresources.com>; Conner Moehring <Cmoehring@carmonaresources.com>; Clint Merritt <MerrittC@carmonaresources.com>
Subject: [EXTERNAL] EOG - Ross Draw Reuse Pit Lay Flat Line - Sampling Notification - Incident #NAPP2322335101

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

All,

This email serves as a notification for confirmation sampling on the EOG Ross Draw Reuse Pit Lay Flat Line. Sampling is scheduled to begin on Wednesday, November 15th, around 2:15 p.m. Mountain Time and continue through the week. Carmona Resources personnel will be on-site to collect the confirmation samples.

Incident # NAPP2322335101

Please call if you have any questions.

Devin Dominguez
310 West Wall Street, Suite 500

Midland Texas, 79701
M: 432-701-5475
ddominguez@carmonaresources.com



RE: Incident #**NAPP2322335101**

Todd,

A remediation plan was due for this incident on **10/25/2023**. A onetime extension of 90 days is granted for the above release. On future incidents, If an extension is requested outside of the 90 day deadline, it will be denied. Your request for an extension to **January 25th, 2023** is approved. Please include this e-mail correspondence in the remediation and/or closure report.

Regards,

Robert Hamlet ● Environmental Specialist - Advanced
Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave.| Artesia, NM 88210
575.909.0302 | robert.hamlet@state.nm.us
http://www.emnrd.state.nm.us/OCD/

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Monday, November 6, 2023 8:13 AM
To: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: FW: [EXTERNAL] RE: EOG - Ross Draw Reuse Pit Lay Flat Line

From: Todd Wells <Todd_Wells@eogresources.com>
Sent: Saturday, November 4, 2023 12:35 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Subject: [EXTERNAL] RE: EOG - Ross Draw Reuse Pit Lay Flat Line

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

This correspondence is to request a ninety day extension of time from the OCD for the reuse water release at the EOG, Ross Draw Reuse Pit Lay Flat Line, Incident #nAPP2322335101, location in Eddy County, New Mexico. Following the release, the completions operations continued for an extended period of weeks and multiple lay flat lines and equipment in the area prevented access to conduct remediation activities. At the conclusion of the completions activities, we are scheduled to begin the remediation activities at the site, and take approximately two to three weeks to complete. The requested extension of time is to complete the remediation, write and submit the closure report. Please let us know if you have any questions regarding this site.

Thank you,

Todd Wells
Environmental Specialist
Midland Division

eog resources
5509 Champions Drive
Midland, TX 79706
O: (432) 686-3613
C: (432) 312-7736
Todd_Wells@eogresources.com

APPENDIX D

CARMONA RESOURCES



Received by OCD: 6/8/2026 3:06:29 PM

Nearest Water Well

EOG Resources

Legend

- 0.01 Miles
- 0.50 Mile Radius
- 0.89 Miles
- 1.00 Miles
- 1.16 Miles
- NMSEO Water Well
- Ross Draw Reuse Pit Lay Flat Spill
- USGS Water Well

275.49' - Drilled 1998

DRY @ 150' - Gauged 11.4.2021

292' - Drilled 1946

75' - Drilled 2020 - Dry

Ross Draw Reuse Pit Lay Flat Spill

Google Earth

N

4000 ft

Released to Imaging: 6/15/2026 3:41:09 PM

Received by OCD: 6/8/2026 3:06:29 PM

Medium Karst

EOG Resources

Legend

Medium

Ross Draw Reuse Pit Lay Flat Spill

Ross Draw Reuse Pit Lay Flat Spill

N

1 mi

Released to Imaging: 6/15/2026 3:41:09 PM

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-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 01777	C	ED				08	26S	31E	613245	3547409*	1431	325	300	25
C 02248	CUB	ED	1	2	3	08	26S	31E	612942	3547316*	1615	300	292	8
C 02249	CUB	ED	1	2	3	08	26S	31E	612942	3547316*	1615	300	292	8
C 04700 POD1	CUB	ED	2	1	2	10	26S	31E	616736	3548154	2978			
C 04693 POD1	CUB	ED	3	4	2	13	26S	30E	610617	3545930	3718			

Average Depth to Water: **294 feet**

Minimum Depth: **292 feet**

Maximum Depth: **300 feet**

Record Count: 5

UTMNAD83 Radius Search (in meters):

Easting (X): 614299.97 **Northing (Y):** 3546441 **Radius:** 4000

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

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

New Mexico Office of the State Engineer
Point of Diversion Summary

Well Tag	POD Number	Q64	Q16	Q4	Sec	Twp	Rng	X	Y
	C 01777				08	26S	31E	613245	3547409*

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

Driller License:	208	**Driller Company:**	VAN NOY, W.L.		
Driller Name:	VAN NOY, W.L.				
Drill Start Date:	09/09/1977	**Drill Finish Date:**	09/16/1977	**Plug Date:**	
Log File Date:	09/28/1977	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:	6.63	**Depth Well:**	325 feet	**Depth Water:**	300 feet

Water Bearing Stratifications:	Top	Bottom	Description
	300	325	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	295	325

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

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

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
	C 02248	1	2	3	08	26S	31E	612942	3547316*

Driller License: **Driller Company:**

Driller Name: UNKNOWN

Drill Start Date:		**Drill Finish Date:**	12/31/1946	**Plug Date:**	
Log File Date:		**PCW Rcv Date:**		**Source:**	
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	6 GPM
Casing Size:	6.38	**Depth Well:**	300 feet	**Depth Water:**	292 feet

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

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

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	? S

Groundwater | New Mexico | GO

Click to hideNews Bulletins

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

Groundwater levels for New Mexico

Click to hide state-specific text

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 320330103462401

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

USGS 320330103462401 26S.31E.08.321434

Eddy County, New Mexico
Latitude 32°03'30", Longitude 103°46'24" NAD27
Land-surface elevation 3,251 feet above NAVD88
The depth of the well is 380 feet below land surface.
This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer.
This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measur
1983-02-16		D	62610		2972.78	NGVD29	1	Z		
1983-02-16		D	62611		2974.42	NAVD88	1	Z		
1983-02-16		D	72019	276.58			1	Z		
1987-10-21		D	62610		2972.14	NGVD29	1	Z		
1987-10-21		D	62611		2973.78	NAVD88	1	Z		
1987-10-21		D	72019	277.22			1	Z		
1992-11-05		D	62610		2973.40	NGVD29	P	O		
1992-11-05		D	62611		2975.04	NAVD88	P	O		
1992-11-05		D	72019	275.96			P	O		
1998-01-29		D	62610		2973.87	NGVD29	1	S		
1998-01-29		D	62611		2975.51	NAVD88	1	S		
1998-01-29		D	72019	275.49			1	S		

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	? S
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			O	Observed.			
Method of measurement			S	Steel-tape measurement.			
Method of measurement			Z	Other.			
Measuring agency				Not determined			
Source of measurement				Not determined			
Water-level approval status			A	Approved for publication -- Processing and review completed.			

Questions or Comments
Automated retrievals
Help
Data Tips
Explanation of terms
Subscribe for system changes
News

Accessibility FOIA Privacy Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey
Title: Groundwater for New Mexico: Water Levels
URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?

Page Contact Information: New Mexico Water Data Maintainer
Page Last Modified: 2023-07-31 10:51:09 EDT
0.28 0.24 nadww02

File No. C-4375

NEW MEXICO OFFICE OF THE STATE ENGINEER

WR-07 APPLICATION FOR PERMIT TO DRILL A WELL WITH NO WATER RIGHT

(check applicable box):

For fees, see State Engineer website: http://www.ose.state.nm.us/

Purpose:	☐ Pollution Control And/Or Recovery	☐ Ground Source Heat Pump
☐ Exploratory Well (Pump test)	☐ Construction Site/Public Works Dewatering	☒ Other(Describe): Geotechnical Boring
☐ Monitoring Well	☐ Mine Dewatering	

A separate permit will be required to apply water to beneficial use regardless if use is consumptive or nonconsumptive.

☒ Temporary Request - Requested Start Date: 10/17/2019 Requested End Date: 10/17/2019

Plugging Plan of Operations Submitted? ☒ Yes ☐ No

1. APPLICANT(S)

Name: EOG Resources, Inc.	Name:
Contact or Agent: check here if Agent ☐ White Drilling Company, Inc.	Contact or Agent: check here if Agent ☐
Mailing Address: P.O. Box 906	Mailing Address:
City: Clyde	City:
State: TX Zip Code: 79510	State: Zip Code:
Phone: 432-290-8446 ☐ Home ☒ Cell Phone (Work):	Phone: ☐ Home ☐ Cell Phone (Work):
E-mail (optional): office@whitedrilling.com	E-mail (optional):

FOR OSE INTERNAL USE Application for Permit, Form WR-07, Rev 11/17/16

File No.: C-4375	Trn. No.: 661206	Receipt No.: 2-41313
Trans Description (optional): POD1		
Sub-Basin: CUB	PCW/LOG Due Date: 10-31-20	

2. WELL(S) Describe the well(s) applicable to this application.

Location Required: Coordinate location must be reported in NM State Plane (NAD 83), UTM (NAD 83), or Latitude/Longitude (Lat/Long - WGS84).
District II (Roswell) and District VII (Cimarron) customers, provide a PLSS location in addition to above.

☐ NM State Plane (NAD83) (Feet)
☐ NM West Zone
☐ NM East Zone
☐ NM Central Zone

☐ UTM (NAD83) (Meters)
☐ Zone 12N
☐ Zone 13N

■ Lat/Long (WGS84) (to the nearest 1/10th of second)

Well Number (if known):	X or Easting or Longitude:	Y or Northing or Latitude:	Provide if known: -Public Land Survey System (PLSS) (*Quarters or Halves , Section, Township, Range*) OR - Hydrographic Survey Map & Tract; OR - Lot, Block & Subdivision; OR - Land Grant Name
C-4375 POD1	32 02 54.89	103 47 21.34	NW1/4 NW1/4, 16, 26 South, 31 East

NOTE: If more well locations need to be described, complete form WR-08 (Attachment 1 – POD Descriptions)
Additional well descriptions are attached: ☐ Yes ☐ No **If yes, how many**_____

Other description relating well to common landmarks, streets, or other:

Well is on land owned by: NM State Land Office Lease info attached.

Well Information: NOTE: If more than one (1) well needs to be described, provide attachment. **Attached?** ☐ Yes ☐ No
If yes, how many_____

Approximate depth of well (feet): 75'	Outside diameter of well casing (inches): 2"
Driller Name: Dallas Rader	Driller License Number: WD-1456

3. ADDITIONAL STATEMENTS OR EXPLANATIONS

Geotechnical Soil Boring

FOR OSE INTERNAL USE Application for Permit, Form WR-07

File No.: C-4375	Trn No.: 661206

4. SPECIFIC REQUIREMENTS: The applicant must include the following, as applicable to each well type. Please check the appropriate boxes, to indicate the information has been included and/or attached to this application:

Exploratory:	**Pollution Control and/or Recovery:**	**Construction De-Watering:**	**Mine De-Watering:**
☐ Include a description of any proposed pump test, if applicable.	☐ Include a plan for pollution control/recovery, that includes the following: ☐ A description of the need for the pollution control or recovery operation. ☐ The estimated maximum period of time for completion of the operation. ☐ The annual diversion amount. ☐ The annual consumptive use amount. ☐ The maximum amount of water to be diverted and injected for the duration of the operation. ☐ The method and place of discharge. ☐ The method of measurement of water produced and discharged. ☐ The source of water to be injected. ☐ The method of measurement of water injected. ☐ The characteristics of the aquifer. ☐ The method of determining the resulting annual consumptive use of water and depletion from any related stream system. ☐ Proof of any permit required from the New Mexico Environment Department. ☐ An access agreement if the applicant is not the owner of the land on which the pollution plume control or recovery well is to be located.	☐ Include a description of the proposed dewatering operation, ☐ The estimated duration of the operation, ☐ The maximum amount of water to be diverted, ☐ A description of the need for the dewatering operation, and, ☐ A description of how the diverted water will be disposed of.	☐ Include a plan for pollution control/recovery, that includes the following: ☐ A description of the need for mine dewatering. ☐ The estimated maximum period of time for completion of the operation. ☐ The source(s) of the water to be diverted. ☐ The geohydrologic characteristics of the aquifer(s). ☐ The maximum amount of water to be diverted per annum. ☐ The maximum amount of water to be diverted for the duration of the operation. ☐ The quality of the water. ☐ The method of measurement of water diverted. ☐ The recharge of water to the aquifer. ☐ Description of the estimated area of hydrologic effect of the project. ☐ The method and place of discharge. ☐ An estimation of the effects on surface water rights and underground water rights from the mine dewatering project. ☐ A description of the methods employed to estimate effects on surface water rights and underground water rights. ☐ Information on existing wells, rivers, springs, and wetlands within the area of hydrologic effect.
Monitoring: ■ Include the reason for the monitoring well, and, ■ The duration of the planned monitoring.		**Ground Source Heat Pump:** ☐ Include a description of the geothermal heat exchange project, ☐ The number of boreholes for the completed project and required depths. ☐ The time frame for constructing the geothermal heat exchange project, and, ☐ The duration of the project. ☐ Preliminary surveys, design data, and additional information shall be included to provide all essential facts relating to the request.	

ACKNOWLEDGEMENT

I, We (name of applicant(s)), John White
Print Name(s)

affirm that the foregoing statements are true to the best of (my, our) knowledge and belief.

Applicant Signature

Applicant Signature

ACTION OF THE STATE ENGINEER

This application is:

☐ approved ☐ partially approved ☐ denied

provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare and further subject to the attached conditions of approval.

Witness my hand and seal this 22 day of October 20 19, for the State Engineer,

John R. D'Antonio, Jr., P.E., State Engineer

By: Tim Williams
Signature

Print

Title: Tim Williams, Supervisor/Pecos River Watermaster
Print

FOR OSE INTERNAL USE

Application for Permit, Form WR-07

File No.: C-435	Trn No.: 661206

NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE

SPECIFIC CONDITIONS OF APPROVAL

17-1A Depth of the well shall not exceed the thickness of the valley fill.

17-4 No water shall be appropriated and beneficially used under this permit.

17-6 The well authorized by this permit shall be plugged completely using the following method per Rules and Regulations Governing Well Driller Licensing, Construction, Repair and Plugging of Wells; Subsection C of 19.27.4.30 NMAC unless an alternative plugging method is proposed by the well owner and approved by the State Engineer upon completion of the permitted use. All pumping appurtenance shall be removed from the well prior to plugging. To plug a well, the entire well shall be filled from the bottom upwards to ground surface using a tremie pipe. The bottom of the tremie shall remain submerged in the sealant throughout the entire sealing process; other placement methods may be acceptable and approved by the state engineer. The well shall be plugged with an office of the state engineer approved sealant for use in the plugging of non-artesian wells. The well driller shall cut the casing off at least four (4) feet below ground surface and fill the open hole with at least two vertical feet of approved sealant. The driller must fill or cover any open annulus with sealant. Once the sealant has cured, the well driller or well owner may cover the seal with soil. A Plugging Report for said well shall be filed with the Office of the State Engineer in a District Office within 30 days of completion of the plugging.

17-7 The Permittee shall utilize the highest and best technology available to ensure conservation of water to the maximum extent practical.

Trn Desc: C 04375 POD1

File Number: C 04375
Trn Number: 661206

NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE

SPECIFIC CONDITIONS OF APPROVAL (Continued)

17-B The well shall be drilled by a driller licensed in the State of New Mexico in accordance with 72-12-12 NMSA 1978. A licensed driller shall not be required for the construction of a well driven without the use of a drill rig, provided that the casing shall not exceed two and three-eighths (2 3/8) inches outside diameter.

17-C The well driller must file the well record with the State Engineer and the applicant within 30 days after the well is drilled or driven. It is the well owner's responsibility to ensure that the well driller files the well record.
The well driller may obtain the well record form from any District Office or the Office of the State Engineer website.

17-P The well shall be constructed, maintained, and operated to prevent inter-aquifer exchange of water and to prevent loss of hydraulic head between hydrogeologic zones.

17-Q The State Engineer retains jurisdiction over this permit.

17-R Pursuant to section 72-8-1 NMSA 1978, the permittee shall allow the State Engineer and OSE representatives entry upon private property for the performance of their respective duties, including access to the ditch or acequia to measure flow and also to the well for meter reading and water level measurement.

LOG The Point of Diversion C 04375 POD1 must be completed and the Well Log filed on or before 10/31/2020.

IT IS THE PERMITTEES RESPONSIBILITY TO OBTAIN ALL AUTHORIZATIONS AND PERMISSIONS TO DRILL ON PROPERTY OF OTHER OWNERSHIP BEFORE COMMENCING ACTIVITIES UNDER THIS PERMIT.

SHOULD THE PERMITTEE CHANGE THE PURPOSE OF USE TO OTHER THAN MONITORING PURPOSES, AN APPLICATION SHALL BE ACQUIRED FROM THE OFFICE OF THE STATE ENGINEER.

Trn Desc: C 04375 POD1

File Number: C 04375
Trn Number: 661206

NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE

ACTION OF STATE ENGINEER

Notice of Intention Rcvd: Date Rcvd. Corrected:
Formal Application Rcvd: 10/10/2019 Pub. of Notice Ordered:
Date Returned - Correction: Affidavit of Pub. Filed:

This application is approved provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare of the state; and further subject to the specific conditions listed previously.

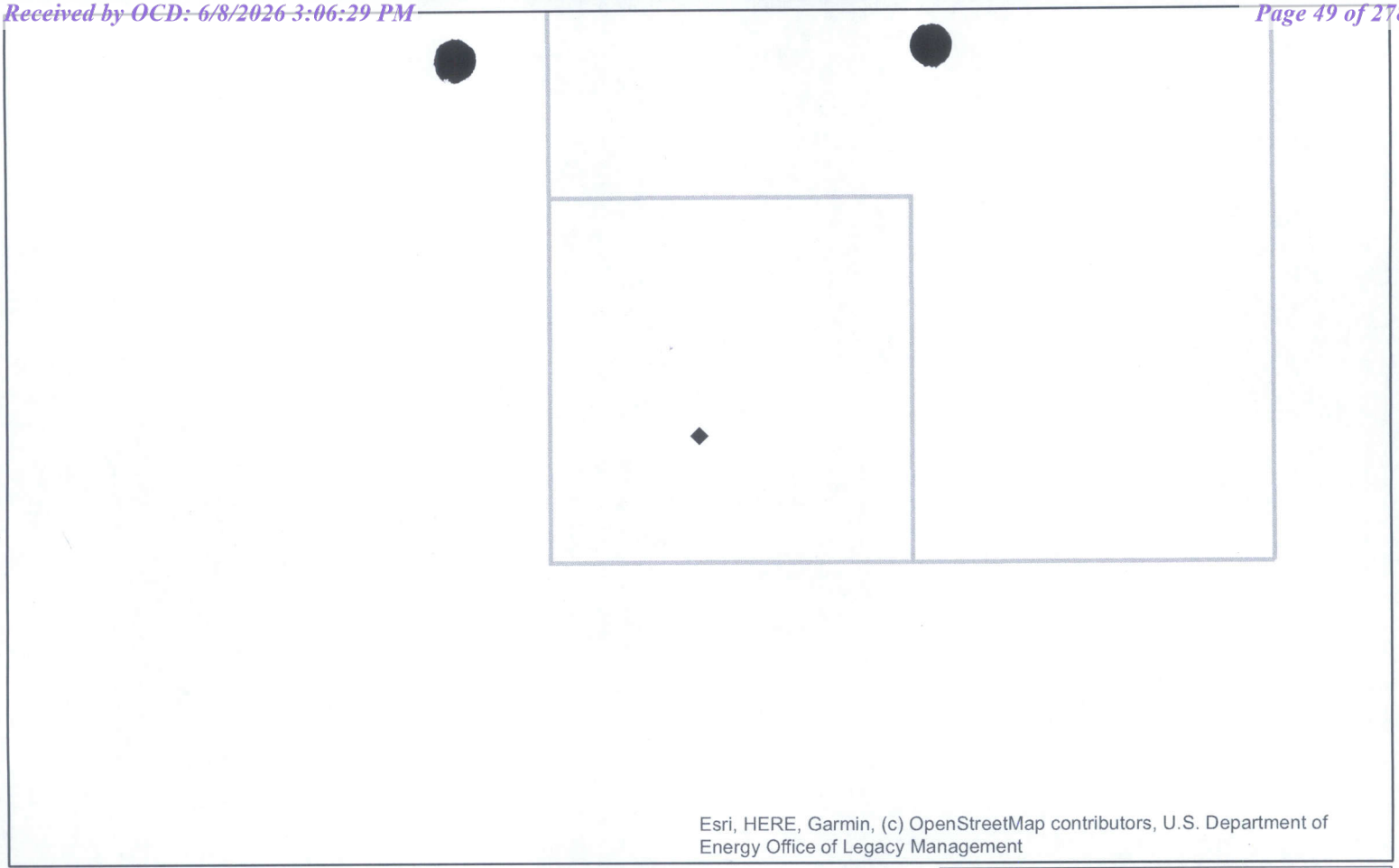
Witness my hand and seal this 22 day of Oct A.D., 2019

John R. D Antonio, Jr., P.E., State Engineer

By: Tim Williams
Tim Williams

Trn Desc: C 04375 POD1

File Number: C 04375
Trn Number: 661206



Coordinates

UTM - NAD 83 (m) - Zone 13

Easting 614305.037

Northing 3546460.836

State Plane - NAD 83 (f) - Zone E

Easting 709908.374

Northing 381834.443

Degrees Minutes Seconds

Latitude 32 : 2 : 54.890000

Longitude -103 : 47 : 21.340000

Location pulled from Coordinate Search

NEW MEXICO OFFICE OF THE STATE ENGINEER

1:2,257

ft

0 45 90 180

N

YMENDIOLA

Office of the State Engineer — Interstate Stream Commission

Reasonable efforts have been made by the New Mexico Office of the State Engineer (OSE) to verify that these maps accurately interpret the source data used in their preparation; however, a degree of error is inherent in all maps, and these maps may contain omissions and errors in scale, resolution, rectification, positional accuracy, development methodology, interpretation of source data, and other circumstances.
These maps are distributed "as is" without warranty of any kind.

Spatial Information

County: Eddy

Groundwater Basin: Carlsbad

Abstract Area: Carlsbad
Carlsbad Underground Basin

Land Grant:
Not in Land Grant

Restrictions:
NA

PLSS Description
SWNENWNW Qtr of Sec 16 of 026S 031E

Derived from CADNSDI- Qtr Sec. locations are calculated and are only approximations

Parcel Information

UPC/DocNum: 4-183-153-268-235

Parcel Owner: STATE OF NEW MEXICO

Address:

Legal: Quarter: NE S: 16 T: 26S R: 31E Quarter: NW S: 16 T: 26S R: 31E Quarter: SW S: 16 T: 26S R: 31E Quarter: SE S: 16 T: 26S R: 31E ALL SEC MAP#397-23

POD Information

Owner: EOG RESOURCES/ST LAND

File Number: C-4375 POD1

POD Status: NoData

Permit Status: NoData

Permit Use: NoData

Purpose: BORING

Calculated PLSS

Coord Search Location

OSE District Boundary

SiteBoundaries

Sample Locations

Well

Abandoned Well

Oil, Gas Well

Abandoned Oil, Gas Well

Surface

Surface/Sedi...

Sediment

Precipitation Gauge

Abandoned Precipitation Gauge

Air Particulate

Abandoned Air Particulate

Treatment System

Abandoned Treatment System

John R. D Antonio, Jr., P.E.
State Engineer

Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

Trn Nbr: 661206
File Nbr: C 04375 POD1

Oct. 22, 2019

JOHN WHITE DRILLING CO INC
EOG RESOURCES INC
PO BOX 906
CLYDE, TX 79510

Greetings:

Your approved copy of the above numbered permit to drill a well for non-consumptive purposes is enclosed. You must obtain an additional permit if you intend to use the water. It is your responsibility to provide the contracted well driller with a copy of the permit that must be made available during well drilling activities.

Carefully review the attached conditions of approval for all specific permit requirements.

* If use of this well is temporary in nature and the well will be plugged at the end of the well usage, the OSE must initially approve of the plugging. If plugging approval is not conditioned in this permit, the applicant must submit a Plugging Plan of Operations for approval prior to the well being plugged. The Plugging Record must be properly completed and submitted to the OSE within 30 days of the well plugging.

* If the final intended purpose and condition requires a well ID tag and meter installation, the applicant must immediately send a completed meter report form to this office.

* The well record and log must be submitted within 30 days of the completion of the well or if the attempt was a dry hole.

* This permit expires and will be cancelled if no well is drilled and/or a well log is not received by the date set forth in the conditions of approval.

Appropriate forms can be downloaded from the OSE website www.ose.state.nm.us.

Sincerely,

Tim Williams
(575)622-6521

Enclosure

explore

Stephanie Garcia Richard
COMMISSIONER

State of New Mexico
Commissioner of Public Lands
310 OLD SANTA FE TRAIL
P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

COMMISSIONER'S OFFICE
Phone (505) 827-5760
Fax (505) 827-5766
www.nmstatelands.org

September 30, 2019

EOG Resources, Inc.
5509 Champions Drive
Midland, Texas 79706

Attn: Wesley Moss

Re: Right-of-Entry Permit No.: RE-4685 (Ross Draw Re-Use Pit)

Dear Applicant:

Enclosed is the completed captioned Right-of-Entry permit. If any corrections are necessary, please let us know and we will retype or amend this permit as necessary.

The New Mexico State Land Office requires you to notify any surface lessees that will be impacted by your project prior to construction.

If you have any questions, or if we may be of further assistance, please do not hesitate to contact Anthony Vigil at 505-827-5710.

Sincerely,

Stephanie Garcia Richard /jb

Stephanie Garcia Richard
Commissioner of Public Lands

SGR/av

Enclosures

STATE ENGINEER OFFICE
ROSWELL, NEW MEXICO
2019 OCT 10 AM 9 49

STATE OF NEW MEXICO
COMMISSIONER OF PUBLIC LANDS
RIGHT OF ENTRY # 4685

This Agreement is made and entered into between the COMMISSIONER OF PUBLIC LANDS ("Commissioner") and

Wesley Moss
EOG Resources, Inc.
5509 Champions Drive
Midland, Texas 79706

("Permittee"). Permittee desires to **conduct geotechnical investigations** on the land described below (the "Property") which is under the jurisdiction of the Commissioner.

The parties agree as follows:

1. RIGHT OF ENTRY (ROE).

The Commissioner grants to Permittee, its authorized representatives, contractors and subcontractors, permission to use, including right of ingress and egress, for the sole purpose of conducting geotechnical investigations on the following described lands (the "Property") situated in **Eddy** County, New Mexico:

Subdivision (Qtr/Qtr)	Section	Township	Range	Lat/Long Coordinates
NW ¼ NW ¼	**16**	**26 South**	**31 East**	**32 02'54.89 103 47'21.34**

2. TERM AND TERMINATION.

Right of entry is granted for a term of **180 days**, commencing on the execution date of this document by the Commissioner of Public Lands.

3. COMPENSATION.

On or before the effective date of this Agreement, Permittee shall pay to the Commissioner as consideration for this ROE Permit $500.00 (Five hundred dollars), plus an application fee of $50.00 (Fifty dollars).

Payment of all sums due the Commissioner by the Permittee under the terms of this Agreement shall be made at the Office of the Commissioner of Public Lands, 310 Old Santa Fe Trail, Post Office Box 1148, Santa Fe, New Mexico 87504-1148.

STATE OF NEW MEXICO
ROSWELL, NEW MEXICO
2026 JUN 10 AM 9:44

4. CONDITIONS OF USE

A. The issuance of this ROE does not guarantee that any subsequent lease, permit or any other instrument will be issued for this property being investigated.
B. No blading or widening of any two-track dirt roads that provides access to the above described property (Property) is permitted under this ROE.
C. No sale of any material extracted from the Property is allowed under this ROE.
D. Authorized party shall observe all applicable federal, state and local laws and regulations.
E. Authorized party shall take all reasonable precautions to prevent and suppress forest, brush and grass fires and prevent pollution of waters on or in the vicinity of the Property.
F. Authorized party shall not block or disrupt roads or trails commonly in use.
G. This ROE is subject to any and all easements and rights-of-way previously granted and now in force and affect.
H. Authorized party shall be responsible for repair and restitution for damage to any property or improvements as a result of activities related to this ROE.
I. Prior to execution of project, Permitee must identify and contact all existing surface lessees. The granting of this permit does not allow access across private lands.

5. SURFACE RECLAMATION AND RESTORATION

A. Drilling, excavation and other surface disturbing activities shall be restricted to areas deemed to have no archaeological significance.
B. Access to the Property shall be over existing roads. No upgrading of the existing roads shall be done, except as necessary for the ingress and egress of required vehicles.
C. All topsoil from the areas to be disturbed shall be stockpiled for use in reclamation.
D. Upon completion of the use and operations permitted by this ROE, all disturbed sites shall be re-contoured to approximate the original contours.
E. All material removed by excavation shall be replaced into the test holes, with the exception of an adequate sample, on or before the expiration date of this ROE.
F. The natural environmental conditions that exist contemporaneously with this grant shall be preserved and protected. All applicable environmental and cultural resource protection laws and regulations shall be complied with and such reclamation or corrective actions as may be necessary to conduct geotechnical investigations consistent with safe and sound environmental management principles and practices shall be taken in order to protect the Property from any pollution, erosion or other environmental degradation and to avoid diminishing the value of the Property for any future use.

6. INDEMNITY

Authorized party shall save, hold harmless, indemnify and defend the State of New Mexico, the Commissioner and Commissioner's employees, agents and contractors, in both their official and individual capacities, from any and all liability, claims, losses, damages, or expenses of any character or nature whatsoever, including but not limited to attorney's fees, court costs, loss of land value or use, third party claims, penalties, or removal, remedial or restoration costs arising out of, or alleged to arise out of:

A. The operations or presence on the Property, or on adjacent or proximate state trust lands, including those used to access the Property for the purposes of this Authorization, of Authorized party or authorized party's employees, agents, contractors or invitees;

STATE ENGINEER OFFICE ROSWELL, NEW MEXICO

B. The activities of third parties on the Property, or on adjacent or proximate state trust lands, including those used to access the Property or other adjacent or proximate state trust lands, whether with or without Authorized party's knowledge or consent;

C. Any Hazardous Materials located in, under, upon or otherwise affecting the Property or adjacent or proximate state trust lands, regardless of their point of origin or date of contamination.

7. STORAGE AND DISPOSAL OF MATERIALS.

Permittee shall not dispose of any trash, debris or waste materials on the Property or allow others to do so and shall remove all trash, debris and waste materials caused by their operations on the Property. This prohibition does not prevent the stockpiling or storage of spoil that results from geotechnical investigations on the Property for use in reclamation of the Property. Except as provided below, Permittee shall not cause or permit any Hazardous Materials to be brought upon or across, or to be used, kept, stored, generated or disposed of in, under or upon, the Property. As used in this Permit, Hazardous Materials includes, but is not limited to, oil, petroleum products, explosives, PCBs, asbestos, formaldehyde, radioactive materials or waste, or other hazardous, toxic, contaminated, or polluting materials, substances or wastes, including without limitation any materials defined as, or listed as, "hazardous substance", "hazardous waste", "hazardous material", "toxic substances" or "regulated substances" under any federal, state, or local laws, ordinances or regulations relating to landfills, industrial hygiene, environmental protection, or the manufacture, use, generation, presence, analysis, transportation, handling, storage, treatment, or disposal of any such material or materials.

This prohibition is not intended to prevent the use or temporary storage of reasonable amounts of oil, petroleum products, explosives, or materials required for the use of such items such as storage drums and filters, necessary for Permittee's ordinary day-to-day operations under the terms of this Agreement, provided such materials are used and stored in compliance with all applicable laws and regulations.

8. LEAKS AND SPILLS.

Due care shall be used to prevent leaks and spills of oil, and petroleum products used in Permittee's operations.

Permittee shall at Permittee's sole expense report and cleanup all leaks and spills on the Property in accordance with state, federal and local law, including but not limited to: discharges of water contaminants pursuant to the New Mexico Water Quality Control Commission regulations (20 NMAC 6.2.1203); hazardous substance incidents pursuant to the New Mexico Environmental Improvement Board Hazardous Waste Management Regulations (20 NMAC 4.1.1 et seq.); and releases of hazardous substances pursuant to the Comprehensive Environmental Response, Compensation and Liability Act (42 U.S.C. § 9603). Permittee shall notify Commissioner within twenty-four (24) hours of any reports made pursuant to this paragraph 7.

9. TECHNICAL DATA.

Permittee shall provide to the Commissioner reports of all technical data produced as a result of the geotechnical investigations allowed by this Agreement. Technical data to be reported to the Commissioner may include, but is not limited to: a scaled plat showing the locations, number and depth of all excavated or drilled holes with respect to the boundaries of the Property covered by this Agreement; the amount of land disturbed measured in square feet; a description of top soil depth, overburden depth, and the thickness of the aggregate; copies of any laboratory analyses performed on the aggregate, and estimates of the volume of aggregate. Such reports shall be submitted to the Commissioner within **thirty (30)** days of the expiration of this Agreement.

The Commissioner, in his discretion, may not issue a lease to Permittee for any portion of the Property covered by this Agreement if the Permittee fails to fulfill this obligation.

All reports, notices, or other written correspondence shall be submitted to Right of Way Manager, Commercial Division, State Land Office, and P.O. Box 1148, Santa Fe, NM 87504-1148.

10. SURVIVAL OF TERMS.

Permittee's obligations under paragraphs governing indemnity, storage and disposal of materials, surface reclamation and restoration, compliance with applicable standards and laws, and submittal of reports of technical data, shall survive the termination, cancellation or relinquishment of this Agreement, and any cause of action of the Commissioner to enforce any right, liability, claim, loss, damage or expense under those paragraphs shall not be deemed to accrue until the Commissioner's actual discovery of said right, liability, claim, loss, damage or expense.

2016 OCT 10 AM 9:47
STATE LAND OFFICE
SANTA FE, NEW MEXICO

WITNESS the hands and seals of PERMITTEE and COMMISSIONER on the day(s) and year entered below.

Wendy Dalton Telephone: _____
PERMITTEE: EOG Resources Inc.

ACKNOWLEDGMENT

STATE OF TEXAS)

COUNTY OF MIDLAND)

The foregoing instrument was acknowledged before me this 25th day of September, 20 19.

My Commission Expires: 01-23-2022 _____
NOTARY PUBLIC

TAYLOR BELLOWS
Notary Public, State of Texas
Comm. Expires 01-23-2022
Notary ID 131418722

Stephanie Garcia Richard /JS
COMMISSIONER OF PUBLIC LANDS

DATE: 10/03/2019

RE-4685

COMMISSIONER OF PUBLIC LANDS
SANTA FE, NEW MEXICO

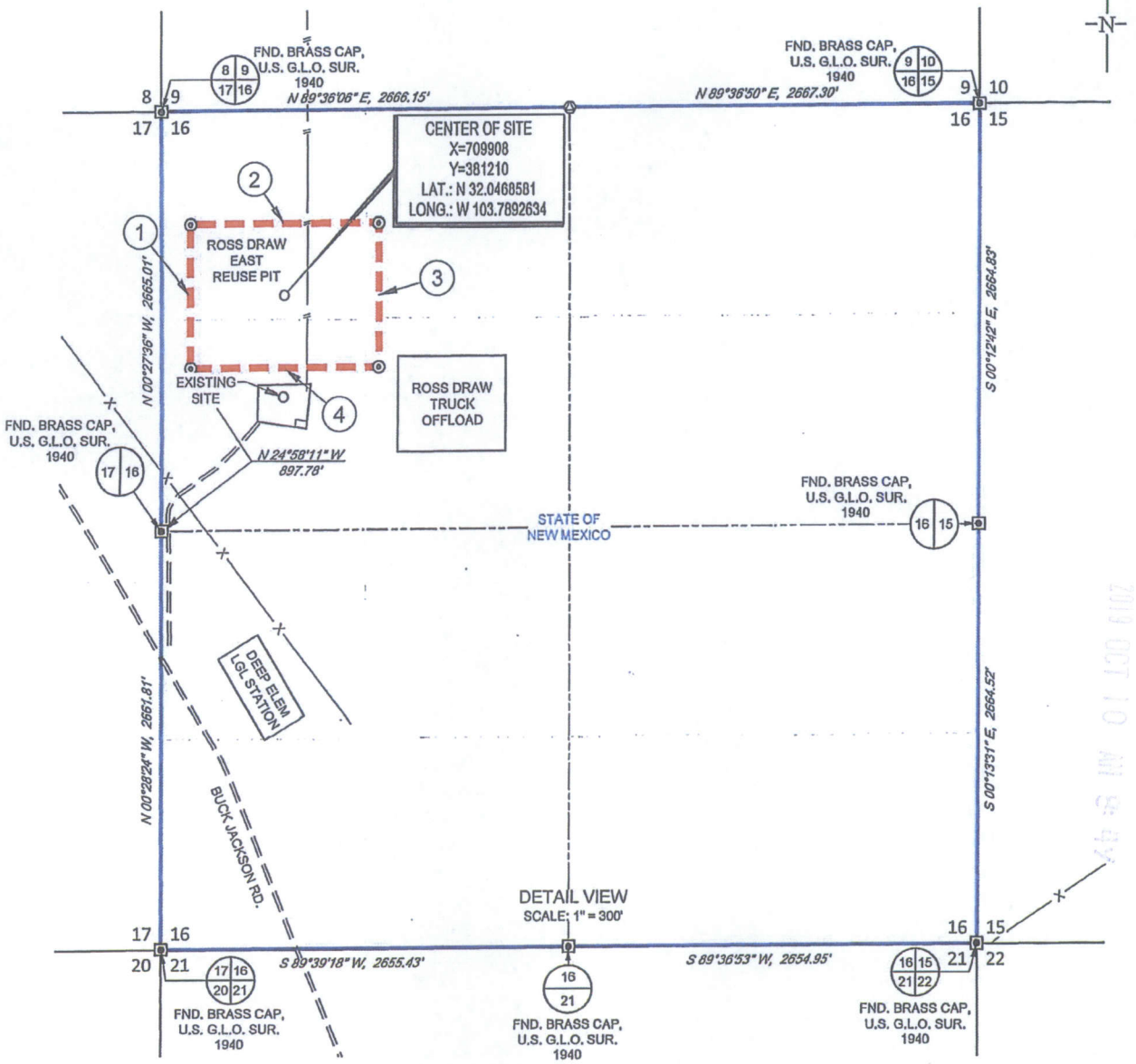
2019 OCT 10 AM 8 47

SCALE: 1" = 1000'

0' 500' 1000'

SKETCH

SECTION 16, TOWNSHIP 26-S, RANGE 31-E, N.M.P.M.
EDDY COUNTY, NEW MEXICO



LINE TABLE

LINE	BEARING	DISTANCE
1	N 00°24'31" W	910.02'
2	N 89°35'39" E	1225.02'
3	S 00°24'32" E	910.02'
4	S 89°35'39" W	1225.02'

LEGEND

- SECTION LINE
- QUARTER SECTION LINE
- SIXTEENTH SECTION LINE
- PROPOSED SITE
- TRACT BORDER
- ROAD WAY
- FENCE LINE
- EXISTING PIPELINE
- IRON ROD SET
- MONUMENT
- CALCULATED CORNER

eog resources, inc.

ROSS DRAW EAST RE-USE PIT	REVISION: INT	DATE
DATE: 8/1/19		
FILE: SK_ROSS_DRAW_EAST_REUSE_PIT		
DRAWN BY: C.E.S.		
SHEET: 1 OF 1		

TOPOGRAPHIC
LOYALTY INNOVATION LEGACY
1400 EVERMAN PARKWAY, Ste. 146 • FT. WORTH, TEXAS 76140
TELEPHONE: (817) 744-7512 • FAX (817) 744-7554
2903 NORTH BIG SPRING • MIDLAND, TEXAS 79705
TELEPHONE: (432) 682-1653 OR (800) 767-1653 • FAX (432) 682-1743
WWW.TOPOGRAPHIC.COM

S:\SURVEY\EOG_MIDLAND\RED_HILLS_REUSE_PITS\FINAL_PRODUCTS\ROSS DRAW EAST\SK_ROSS_DRAW_EAST_REUSE_PIT.DWG 8/1/2019 12:30:31 PM csmith5

STATE ENGINEER OFFICE
ROSWELL, NEW MEXICO
2019 OCT 10 AM 8 44

WELL PLUGGING PLAN OF OPERATIONS

NOTE: A Well Plugging Plan of Operations shall be filed with and accepted by the Office of the State Engineer prior to plugging. This form may be used to plug a single well, or if you are plugging multiple monitoring wells on the same site using the same plugging methodology.

Alert! Your well may be eligible to participate in the Aquifer Mapping Program (AMP)-NM Bureau of Geology geoinfo.nmt.edu/resources/water/cgmn/ if within an area of interest and meets the minimum construction requirements, such as there is still water in your well, and the well construction reflected in a well record and log is not compromised, contact AMP at 575-835-5038 or -6951, or by email nmbg-waterlevels@nmt.edu, prior to completing this prior form. Showing proof to the OSE that your well was accepted in this program, may delay the plugging of your well until a later date.

I. FILING FEE: There is no filing fee for this form.

II. GENERAL / WELL OWNERSHIP: ☐ Check here if proposing one plan for multiple monitoring wells on the same site and attaching WD-08m

Existing Office of the State Engineer POD Number (Well Number) for well to be plugged: C-4375 POD1

Name of well owner: EOG Resources, Inc.

Mailing address: 5509 Champions Drive County: Midland

City: Midland State: Texas Zip code: 79706

Phone number: (432) 556-2792 E-mail: Galan_Kelly@eogresources.com

III. WELL DRILLER INFORMATION:

Well Driller contracted to provide plugging services: John W. White

New Mexico Well Driller License No.: WD-1456 Expiration Date: 09/30/2020

IV. WELL INFORMATION: ☐ **Check here if this plan describes method for plugging multiple monitoring wells on the same site and attach supplemental form WD-08m and skip to #2 in this section.**

Note: A copy of the existing Well Record for the well(s) to be plugged should be attached to this plan.

1) GPS Well Location: Latitude: 32 deg, 05 min, 54.89 sec
Longitude: 103 deg, 47 min, 21.34 sec, NAD 83

2) Reason(s) for plugging well(s):

If water is encountered during geotechnical drilling

3) Was well used for any type of monitoring program? No If yes, please use section VII of this form to detail what hydrogeologic parameters were monitored. If the well was used to monitor contaminated or poor quality water, authorization from the New Mexico Environment Department may be required prior to plugging.

4) Does the well tap brackish, saline, or otherwise poor quality water? _____ If yes, provide additional detail, including analytical results and/or laboratory report(s):

5) Static water level: _____ feet below land surface / feet above land surface (circle one)

6) Depth of the well: 75 feet

STATE ENGINEER OFFICE
ROSWELL, NEW MEXICO
2019 OCT 10 AM 9:49

7) Inside diameter of innermost casing: 2 inches.

8) Casing material: Sch. 40 PVC if needed to check water level only for 24 hours

9) The well was constructed with:

☐ an open-hole production interval, state the open interval: _____

☒ a well screen or perforated pipe, state the screened interval(s): 70-80

10) What annular interval surrounding the artesian casing of this well is cement-grouted? _____

11) Was the well built with surface casing? _____ If yes, is the annulus surrounding the surface casing grouted or otherwise sealed? _____ If yes, please describe:

12) Has all pumping equipment and associated piping been removed from the well? _____ If not, describe remaining equipment and intentions to remove prior to plugging in Section VII of this form.

V. DESCRIPTION OF PLANNED WELL PLUGGING:

☐ **If plugging method differs between multiple wells on same site, a separate form must be completed for each method.**

Note: If this plan proposes to plug an artesian well in a way other than with cement grout, placed bottom to top with a tremie pipe, a detailed diagram of the well showing proposed final plugged configuration shall be attached, as well as any additional technical information, such as geophysical logs, that are necessary to adequately describe the proposal. Attach a copy of any signed OSE variance to this plugging plan.

Also, if this planned plugging plan requires a variance to 19.27.4 NMAC, attach a detailed variance request signed by the applicant.

1) Describe the method by which cement grout shall be placed in the well, or describe requested plugging methodology proposed for the well:

Pump Mix w/trimie pipe from bottom to top

2) Will well head be cut-off below land surface after plugging? _____

VI. PLUGGING AND SEALING MATERIALS:

Note: The plugging of a well that taps poor quality water may require the use of a specialty cement or specialty sealant. Attach a copy of the batch mix recipe from the cement company and/or product description for specialty cement mixes or any sealant that deviates from the list of OSE approved sealants.

1) For plugging intervals that employ cement grout, complete and attach Table A.

2) For plugging intervals that will employ approved non-cement based sealant(s), complete and attach Table B.

3) Theoretical volume of grout required to plug the well to land surface: 12.75 gallons

4) Type of Cement proposed: Type 2 Portland Cement w/5% quick gel

5) Proposed cement grout mix: 6 gallons of water per 94 pound sack of Portland cement.

6) Will the grout be: _____ batch-mixed and delivered to the site

X mixed on site

7) Grout additives requested, and percent by dry weight relative to cement:

8) Additional notes and calculations:

VII. ADDITIONAL INFORMATION: List additional information below, or on separate sheet(s):

VIII. SIGNATURE:

I, _____, say that I have carefully read the foregoing Well Plugging Plan of Operations and any attachments, which are a part hereof; that I am familiar with the rules and regulations of the State Engineer pertaining to the plugging of wells and will comply with them, and that each and all of the statements in the Well Plugging Plan of Operations and attachments are true to the best of my knowledge and belief.

_____ 10-9-19

Signature of Applicant Date

IX. ACTION OF THE STATE ENGINEER:

This Well Plugging Plan of Operations is:

✓ Approved subject to the attached conditions.
_____ Not approved for the reasons provided on the attached letter.

Witness my hand and official seal this 22 day of October, 2019

John R. D'Antonio Jr. P.E., New Mexico State Engineer

By: Tim Williams
Tim Williams, Supervisor/Pecos River Watermaster

STATE ENGINEER OFFICE ROSWELL, NEW MEXICO 2019 OCT 10 AM 8:5

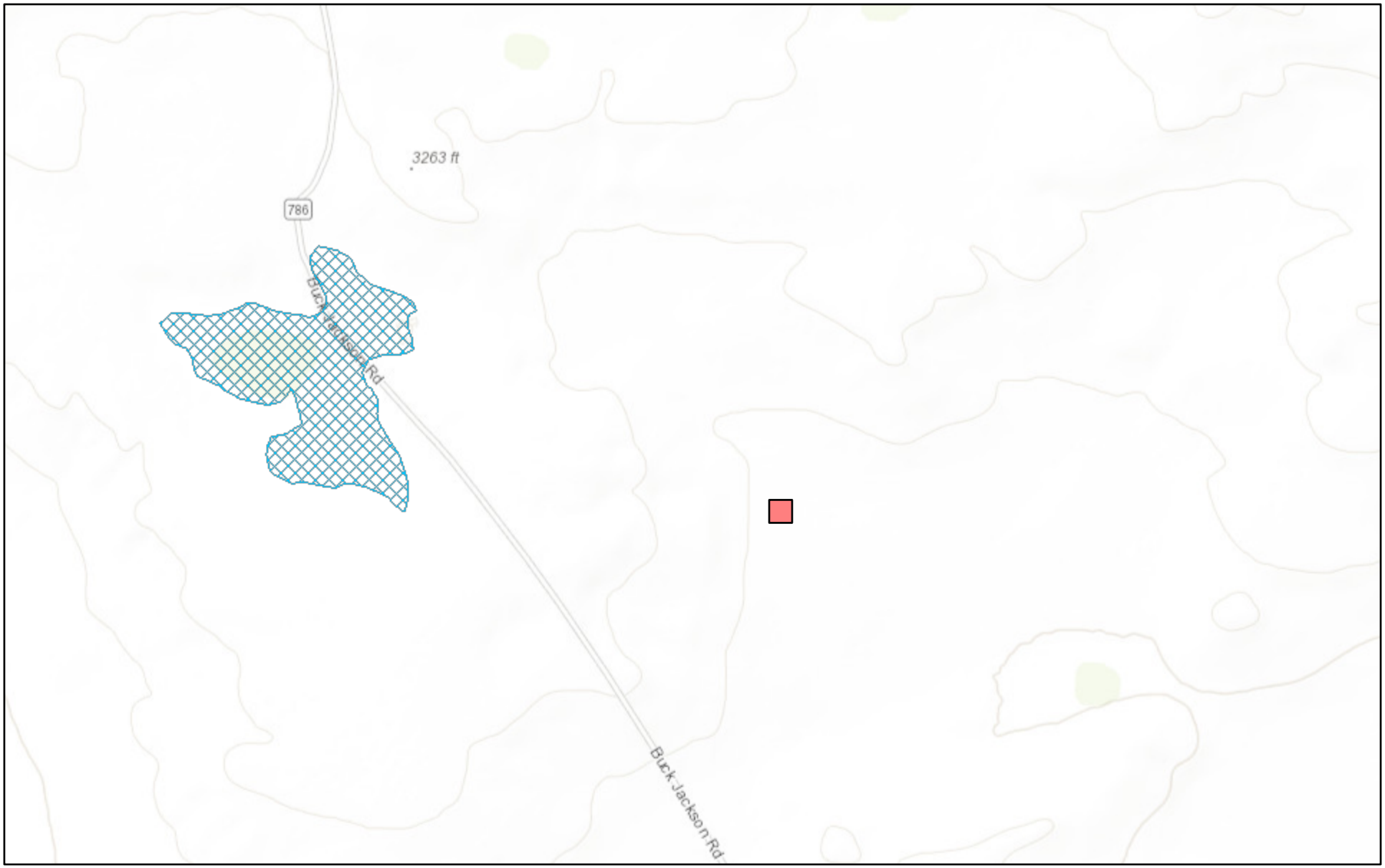
TABLE A - For plugging intervals that employ cement grout. Start with deepest interval.

	Interval 1 – deepest	Interval 2	Interval 3 – most shallow
			Note: if the well is non-artesian and breaches only one aquifer, use only this column.
Top of proposed interval of grout placement (ft bgl)			0
Bottom of proposed interval of grout placement (ft bgl)			75
Theoretical volume of grout required per interval (gallons)			12.75
Proposed cement grout mix gallons of water per 94-lb. sack of Portland cement			6
Mixed on-site or batch-mixed and delivered?			mixed on site
Grout additive 1 requested			5% quick gel
Additive 1 percent by dry weight relative to cement			
Grout additive 2 requested			
Additive 2 percent by dry weight relative to cement			

TABLE B - For plugging intervals that will employ approved non-cement based sealant(s). Start with deepest interval.

	Interval 1 – deepest	Interval 2	Interval 3 – most shallow
			Note: if the well is non-artesian and breaches only one aquifer, use only this column.
Top of proposed interval of sealant placement (ft bgl)			
Bottom of proposed sealant of grout placement (ft bgl)			
Theoretical volume of sealant required per interval (gallons)			
Proposed abandonment sealant (manufacturer and trade name)			

New Mexico NFHL Data



July 31, 2023

1:18,056

0 0.13 0.25 0.5 mi

0 0.2 0.4 0.8 km

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

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SOIL BORING / MONITORING WELL LOG

PROJECT: Carlsbad, NM - Ross Draw
PROJECT NUMBER: 700438.232.01
CLIENT: EOG Resources
BORING / WELL NUMBER: SB-1
TOTAL DEPTH: 75
SURFACE ELEVATION:
LOGGER: Ronnie Rodriguez
LATITUDE: 32.04856

DRILLING COMPANY: Talon/LPE
DRILLER: Ronnie Rodriguez
DRILLING METHOD: Hollow Stem Auger
BORE HOLE DIAMETER: 7 7/8"
SCREEN: Diam. ___ Length _____ Slot Size _____
CASING: Diam. ___ Length _____ Type _____
DATE DRILLED: 1/28/2020
LONGITUDE: -103.78927

DEPTH (FT.)	Soil Symbol	WELL CONSTRUCTION	Pt. Sample ID:	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	BLOW COUNT	DEPTH (FT.)
0									0
			SB1-1'		0'-5'		Dark to Light Brown Silty Sand w/ Caliche	2 2 4	
5									5
			SB1-6'		5'-10'		Light Brown to White Sand w/ Caliche	6 21 24	
10									10
			SB1-11'		10'-15'		Light Brown to White Sand w/ Caliche	26 28 50	
15									15
			SB1-16'		15'-20'		Dark Brown Sand w/ Caliche	44 50 1.5"	
20									20
			SB1-21'		20'-25'		Dark Silty Sand w/ Caliche	19 22 33	
25									25
			SB1-26'		25'-30'		Dark Brown Silty Caliche	21 30 50	
30							Dark Silty Caliche w/ Sand	1.5"	30

REMARKS:

THIS BORING LOG SHOULD NOT BE USED SEPERATE FROM THE ORIGINAL REPORT

SOIL BORING / MONITORING WELL LOG

PROJECT: Carlsbad, NM - Ross Draw
PROJECT NUMBER: 700438.232.01
CLIENT: EOG Resources
BORING / WELL NUMBER: SB-1
TOTAL DEPTH: 75
SURFACE ELEVATION:
LOGGER: Ronnie Rodriguez
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DRILLING COMPANY: Talon/LPE
DRILLER: Ronnie Rodriguez
DRILLING METHOD: Hollow Stem Auger
BORE HOLE DIAMETER: 7 7/8"
SCREEN: Diam. ___ Length _____ Slot Size _____
CASING: Diam. ___ Length _____ Type _____
DATE DRILLED: 1/28/2020
LONGITUDE: -103.78927

DEPTH (FT.)	Soil Symbol	WELL CONSTRUCTION	Pt. Sample ID:	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	BLOW COUNT	DEPTH (FT.)
35			SB1-31'		30'-35'		Dark Silty Sand & Caliche	21 39 40	35
40			SB1-36'		35'-40'		Dark Silty Sand & Caliche	15 28 36	40
45			SB1-41'		40'-45'		Dark Silty Sand & Caliche	15 22 27	45
50			SB1-46'		45'-50'		Dark Silty Sand	18 33 42	50
55			SB1-51'		50'-55'		Dark Brown Silty Sand & Caliche	20 37 31	55
60			SB1-56'		55'-60'		Dark Brown Silty Sand	20 27 35	60
							Dark Brown Silty Sand		

REMARKS:

THIS BORING LOG SHOULD NOT BE USED SEPERATE FROM THE ORIGINAL REPORT

SOIL BORING / MONITORING WELL LOG

PROJECT: Carlsbad, NM - Ross Draw
PROJECT NUMBER: 700438.232.01
CLIENT: EOG Resources
BORING / WELL NUMBER: SB-1
TOTAL DEPTH: 75
SURFACE ELEVATION:
LOGGER: Ronnie Rodriguez
LATITUDE: 32.04856

DRILLING COMPANY: Talon/LPE
DRILLER: Ronnie Rodriguez
DRILLING METHOD: Hollow Stem Auger
BORE HOLE DIAMETER 7 7/8"
SCREEN: Diam. ___ Length _____ Slot Size _____
CASING: Diam. ____ Length _____ Type _____
DATE DRILLED: 1/28/2020
LONGITUDE: -103.78927

DEPTH (FT.)	Soil Symbol	WELL CONSTRUCTION	Pt. Sample ID:	SAMPLES	SAMPLE INTERVAL	DESCRIPTION INTERVAL	DESCRIPTION OF STRATUM	DEPTH (FT.)
65			SB1-61'		60'-65'			20, 32, 44 — 65
70			SB1-66'		65'-70'		Dark Brown Silty Sand & Caliche	32, 44, 50 — 70
75					70'-75'	75'	Dark Brown Silty Sand	11, 22, 37 — 75
80							Bottom of Hole	80
85								85
90								90

REMARKS:

THIS BORING LOG SHOULD NOT BE USED SEPERATE FROM THE ORIGINAL REPORT

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Received by OCD: 6/8/2026 3:06:29 PM



Vicinity Map of Wells & Proposed Facility on USGS Topo with Recorded GW Depths
Ross Draw East Reuse Pit
Sec NW/NW 16 T26S R31E, Eddy County, New Mexico

Figure 1

P:\5-EOG 2020 MSA On Call Services (5F29121)\RG1 - Ross Draw East Reuse Pit\CAD\Figures\EOG_RossDraw.mxd
Date Saved: 2/29/2020

Revisions
By: _____ Date: _____ Descr: _____
By: _____ Date: _____ Descr: _____

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Drawn SO
Date 3/1/2020
Checked
Approved

SMA

201 South Halagueña Street
Carlsbad, New Mexico 88221
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APPENDIX E

CARMONA RESOURCES

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 8/7/2023 5:29:07 PM

JOB DESCRIPTION

Ross Draw Reuse Pit Layflat
SDG NUMBER Lea County, NM

JOB NUMBER

880-31573-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 6/15/2026 3:41:09 PM

my EOL

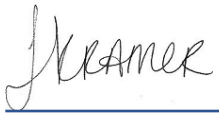
Eurofins Midland

Job Notes

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

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

Authorization



Generated
8/7/2023 5:29:07 PM

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

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Laboratory Job ID: 880-31573-1
SDG: Lea County, NM

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Surrogate Summary 22
QC Sample Results 24
QC Association Summary 33
Lab Chronicle 39
Certification Summary 45
Method Summary 46
Sample Summary 47
Chain of Custody 48
Receipt Checklists 50

Definitions/Glossary

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31573-1
SDG: Lea County, NM

Qualifiers

GC VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31573-1
SDG: Lea County, NM

Job ID: 880-31573-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-31573-1

Receipt
The samples were received on 8/2/2023 11:24 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.0°C

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: S-1 (0-1') (880-31573-1), S-1 (1.5') (880-31573-2), S-2 (0-1') (880-31573-3), S-2 (1.5') (880-31573-4), S-3 (0-1') (880-31573-5), S-3 (1.5') (880-31573-6), S-3 (2') (880-31573-7), S-3 (3') (880-31573-8), S-4 (0-1') (880-31573-9), S-4 (1.5') (880-31573-10), S-5 (0-1') (880-31573-11), S-5 (1.5') (880-31573-12), S-5 (2') (880-31573-13), S-5 (3') (880-31573-14), S-5 (4') (880-31573-15), S-6 (0-1') (880-31573-16), S-7 (0-1') (880-31573-17), S-7 (1.5') (880-31573-18) and S-7 (2') (880-31573-19).

GC VOA
Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-59245 and analytical batch 880-59175 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-59296 recovered below the lower control limit for Benzene. An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is impacted: (CCV 880-59296/33).

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-59350 and analytical batch 880-59296 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-59296 recovered above the upper control limit for Toluene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 880-59296/64).

Method 8021B: Surrogate recovery for the following sample was outside control limits: (MB 880-59344/5-A). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: S-1 (1.5') (880-31573-2). 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: S-3 (0-1') (880-31573-5) and S-3 (1.5') (880-31573-6). 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-3 (3') (880-31573-8). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-59344 and analytical batch 880-59294 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

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

GC Semi VOA
Method 8015MOD_NM: The matrix spike (MS) recoveries for preparation batch 880-59332 and analytical batch 880-59386 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Case Narrative

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31573-1
SDG: Lea County, NM

Job ID: 880-31573-1 (Continued)

Laboratory: Eurofins Midland (Continued)

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

HPLC/IC

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

Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31573-1
SDG: Lea County, NM

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

Lab Sample ID: 880-31573-1
Matrix: Solid
Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:24

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		08/04/23 12:58	08/05/23 02:28	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/04/23 12:58	08/05/23 02:28	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/04/23 12:58	08/05/23 02:28	1
m-Xylene & p-Xylene	<0.00403	U *+	0.00403		mg/Kg		08/04/23 12:58	08/05/23 02:28	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/04/23 12:58	08/05/23 02:28	1
Xylenes, Total	<0.00403	U *+	0.00403		mg/Kg		08/04/23 12:58	08/05/23 02:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*08/04/23 12:58*	*08/05/23 02:28*	*1*
1,4-Difluorobenzene (Surr)	*76*		*70 - 130*	*08/04/23 12:58*	*08/05/23 02:28*	*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			08/07/23 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	<49.9	U	49.9		mg/Kg			08/07/23 10:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/04/23 11:13	08/05/23 13:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/04/23 11:13	08/05/23 13:41	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/04/23 11:13	08/05/23 13:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*82*		*70 - 130*	*08/04/23 11:13*	*08/05/23 13:41*	*1*
o-Terphenyl	*93*		*70 - 130*	*08/04/23 11:13*	*08/05/23 13:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**725**		4.95		mg/Kg			08/03/23 19:57	1

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-31573-2
Matrix: Solid
Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:24

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		08/04/23 12:58	08/05/23 02:48	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/04/23 12:58	08/05/23 02:48	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/04/23 12:58	08/05/23 02:48	1
m-Xylene & p-Xylene	<0.00397	U *+	0.00397		mg/Kg		08/04/23 12:58	08/05/23 02:48	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/04/23 12:58	08/05/23 02:48	1
Xylenes, Total	<0.00397	U *+	0.00397		mg/Kg		08/04/23 12:58	08/05/23 02:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*	*08/04/23 12:58*	*08/05/23 02:48*	*1*
1,4-Difluorobenzene (Surr)	*63*	*S1-*	*70 - 130*	*08/04/23 12:58*	*08/05/23 02:48*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31573-1
SDG: Lea County, NM

Client Sample ID: S-1 (1.5')

Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:24

Lab Sample ID: 880-31573-2
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			08/07/23 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	<49.8	U	49.8		mg/Kg			08/07/23 10:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/04/23 11:13	08/05/23 14:05	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/04/23 11:13	08/05/23 14:05	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/04/23 11:13	08/05/23 14:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*85*		*70 - 130*	*08/04/23 11:13*	*08/05/23 14:05*	*1*
o-Terphenyl	*97*		*70 - 130*	*08/04/23 11:13*	*08/05/23 14:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2540**		25.0		mg/Kg			08/03/23 20:02	5

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

Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:24

Lab Sample ID: 880-31573-3
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/04/23 12:58	08/05/23 04:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/04/23 12:58	08/05/23 04:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/04/23 12:58	08/05/23 04:10	1
m-Xylene & p-Xylene	<0.00398	U *+	0.00398		mg/Kg		08/04/23 12:58	08/05/23 04:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/04/23 12:58	08/05/23 04:10	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		08/04/23 12:58	08/05/23 04:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*75*		*70 - 130*	*08/04/23 12:58*	*08/05/23 04:10*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*08/04/23 12:58*	*08/05/23 04:10*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/07/23 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	<49.6	U	49.6		mg/Kg			08/07/23 10:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		08/04/23 11:13	08/05/23 14:30	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		08/04/23 11:13	08/05/23 14:30	1

Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31573-1
SDG: Lea County, NM

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

Lab Sample ID: 880-31573-3
Matrix: Solid
Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:24

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		08/04/23 11:13	08/05/23 14:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*82*		*70 - 130*	*08/04/23 11:13*	*08/05/23 14:30*	*1*
o-Terphenyl	*93*		*70 - 130*	*08/04/23 11:13*	*08/05/23 14:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**469**		4.98		mg/Kg			08/03/23 20:08	1

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-31573-4
Matrix: Solid
Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:24

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		08/04/23 12:58	08/05/23 04:31	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/04/23 12:58	08/05/23 04:31	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/04/23 12:58	08/05/23 04:31	1
m-Xylene & p-Xylene	<0.00402	U *+	0.00402		mg/Kg		08/04/23 12:58	08/05/23 04:31	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/04/23 12:58	08/05/23 04:31	1
Xylenes, Total	<0.00402	U *+	0.00402		mg/Kg		08/04/23 12:58	08/05/23 04:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*71*		*70 - 130*	*08/04/23 12:58*	*08/05/23 04:31*	*1*
1,4-Difluorobenzene (Surr)	*75*		*70 - 130*	*08/04/23 12:58*	*08/05/23 04:31*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/07/23 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	<50.5	U	50.5		mg/Kg			08/07/23 10:01	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	<50.5	U	50.5		mg/Kg		08/04/23 11:13	08/05/23 14:54	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		08/04/23 11:13	08/05/23 14:54	1
OII Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		08/04/23 11:13	08/05/23 14:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*08/04/23 11:13*	*08/05/23 14:54*	*1*
o-Terphenyl	*112*		*70 - 130*	*08/04/23 11:13*	*08/05/23 14:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4300**		25.3		mg/Kg			08/03/23 20:12	5

Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31573-1
SDG: Lea County, NM

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

Lab Sample ID: 880-31573-5
Matrix: Solid
Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:24

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/04/23 12:58	08/05/23 04:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/04/23 12:58	08/05/23 04:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/04/23 12:58	08/05/23 04:51	1
m-Xylene & p-Xylene	**0.00788**	***+**	0.00401		mg/Kg		08/04/23 12:58	08/05/23 04:51	1
o-Xylene	**0.00228**		0.00200		mg/Kg		08/04/23 12:58	08/05/23 04:51	1
Xylenes, Total	**0.0102**	***+**	0.00401		mg/Kg		08/04/23 12:58	08/05/23 04:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*08/04/23 12:58*	*08/05/23 04:51*	*1*
1,4-Difluorobenzene (Surr)	*63*	*S1-*	*70 - 130*	*08/04/23 12:58*	*08/05/23 04:51*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0102**		0.00401		mg/Kg			08/07/23 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	**80.1**		50.1		mg/Kg			08/07/23 10:01	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		08/04/23 11:13	08/05/23 15:18	1
Diesel Range Organics (Over C10-C28)	**80.1**		50.1		mg/Kg		08/04/23 11:13	08/05/23 15:18	1
OII Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		08/04/23 11:13	08/05/23 15:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*08/04/23 11:13*	*08/05/23 15:18*	*1*
o-Terphenyl	*97*		*70 - 130*	*08/04/23 11:13*	*08/05/23 15:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4440**		50.0		mg/Kg			08/03/23 14:43	10

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-31573-6
Matrix: Solid
Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:24

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/04/23 12:58	08/05/23 05:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/04/23 12:58	08/05/23 05:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/04/23 12:58	08/05/23 05:12	1
m-Xylene & p-Xylene	<0.00398	U *+	0.00398		mg/Kg		08/04/23 12:58	08/05/23 05:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/04/23 12:58	08/05/23 05:12	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		08/04/23 12:58	08/05/23 05:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*08/04/23 12:58*	*08/05/23 05:12*	*1*
1,4-Difluorobenzene (Surr)	*69*	*S1-*	*70 - 130*	*08/04/23 12:58*	*08/05/23 05:12*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31573-1
SDG: Lea County, NM

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-31573-6
Matrix: Solid
Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:24

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/07/23 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			08/07/23 10:01	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	<50.3	U	50.3		mg/Kg		08/04/23 11:13	08/05/23 15:42	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		08/04/23 11:13	08/05/23 15:42	1
OII Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		08/04/23 11:13	08/05/23 15:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 130*	*08/04/23 11:13*	*08/05/23 15:42*	*1*
o-Terphenyl	*100*		*70 - 130*	*08/04/23 11:13*	*08/05/23 15:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3600**		25.3		mg/Kg			08/03/23 15:04	5

Client Sample ID: S-3 (2')

Lab Sample ID: 880-31573-7
Matrix: Solid
Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:24

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/04/23 12:58	08/05/23 05:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/04/23 12:58	08/05/23 05:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/04/23 12:58	08/05/23 05:32	1
m-Xylene & p-Xylene	<0.00399	U *+	0.00399		mg/Kg		08/04/23 12:58	08/05/23 05:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/04/23 12:58	08/05/23 05:32	1
Xylenes, Total	<0.00399	U *+	0.00399		mg/Kg		08/04/23 12:58	08/05/23 05:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*08/04/23 12:58*	*08/05/23 05:32*	*1*
1,4-Difluorobenzene (Surr)	*76*		*70 - 130*	*08/04/23 12:58*	*08/05/23 05:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/07/23 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	<50.2	U	50.2		mg/Kg			08/07/23 10:01	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	<50.2	U	50.2		mg/Kg		08/04/23 11:13	08/05/23 16:06	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		08/04/23 11:13	08/05/23 16:06	1

Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31573-1
SDG: Lea County, NM

Client Sample ID: S-3 (2')

Lab Sample ID: 880-31573-7
Date Collected: 08/01/23 00:00
Matrix: Solid
Date Received: 08/02/23 11:24

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		08/04/23 11:13	08/05/23 16:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*08/04/23 11:13*	*08/05/23 16:06*	*1*
o-Terphenyl	*118*		*70 - 130*	*08/04/23 11:13*	*08/05/23 16:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**611**		5.02		mg/Kg			08/03/23 15:11	1

Client Sample ID: S-3 (3')

Lab Sample ID: 880-31573-8
Date Collected: 08/01/23 00:00
Matrix: Solid
Date Received: 08/02/23 11:24

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/04/23 12:58	08/05/23 05:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/04/23 12:58	08/05/23 05:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/04/23 12:58	08/05/23 05:52	1
m-Xylene & p-Xylene	<0.00398	U *+	0.00398		mg/Kg		08/04/23 12:58	08/05/23 05:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/04/23 12:58	08/05/23 05:52	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		08/04/23 12:58	08/05/23 05:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*08/04/23 12:58*	*08/05/23 05:52*	*1*
1,4-Difluorobenzene (Surr)	*56*	*S1-*	*70 - 130*	*08/04/23 12:58*	*08/05/23 05:52*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/07/23 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	<49.8	U	49.8		mg/Kg			08/07/23 10:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/04/23 11:13	08/05/23 16:30	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/04/23 11:13	08/05/23 16:30	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/04/23 11:13	08/05/23 16:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*08/04/23 11:13*	*08/05/23 16:30*	*1*
o-Terphenyl	*109*		*70 - 130*	*08/04/23 11:13*	*08/05/23 16:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**301**		4.97		mg/Kg			08/03/23 15:18	1

Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31573-1
SDG: Lea County, NM

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

Lab Sample ID: 880-31573-9
Matrix: Solid
Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:24

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		08/04/23 12:58	08/05/23 06:13	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/04/23 12:58	08/05/23 06:13	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/04/23 12:58	08/05/23 06:13	1
m-Xylene & p-Xylene	<0.00404	U *+	0.00404		mg/Kg		08/04/23 12:58	08/05/23 06:13	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/04/23 12:58	08/05/23 06:13	1
Xylenes, Total	<0.00404	U *+	0.00404		mg/Kg		08/04/23 12:58	08/05/23 06:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*08/04/23 12:58*	*08/05/23 06:13*	*1*
1,4-Difluorobenzene (Surr)	*71*		*70 - 130*	*08/04/23 12:58*	*08/05/23 06:13*	*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			08/07/23 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	<49.7	U	49.7		mg/Kg			08/07/23 10:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		08/04/23 11:13	08/05/23 16:55	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/04/23 11:13	08/05/23 16:55	1
OII Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/04/23 11:13	08/05/23 16:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*85*		*70 - 130*	*08/04/23 11:13*	*08/05/23 16:55*	*1*
o-Terphenyl	*100*		*70 - 130*	*08/04/23 11:13*	*08/05/23 16:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**632**		5.04		mg/Kg			08/03/23 15:24	1

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-31573-10
Matrix: Solid
Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:24

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/04/23 12:58	08/05/23 06:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/04/23 12:58	08/05/23 06:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/04/23 12:58	08/05/23 06:33	1
m-Xylene & p-Xylene	<0.00401	U *+	0.00401		mg/Kg		08/04/23 12:58	08/05/23 06:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/04/23 12:58	08/05/23 06:33	1
Xylenes, Total	<0.00401	U *+	0.00401		mg/Kg		08/04/23 12:58	08/05/23 06:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*08/04/23 12:58*	*08/05/23 06:33*	*1*
1,4-Difluorobenzene (Surr)	*70*		*70 - 130*	*08/04/23 12:58*	*08/05/23 06:33*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31573-1
SDG: Lea County, NM

Client Sample ID: S-4 (1.5')

Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:24

Lab Sample ID: 880-31573-10
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			08/07/23 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			08/07/23 10:01	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	<50.3	U	50.3		mg/Kg		08/04/23 11:13	08/05/23 17:43	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		08/04/23 11:13	08/05/23 17:43	1
OII Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		08/04/23 11:13	08/05/23 17:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*84*		*70 - 130*	*08/04/23 11:13*	*08/05/23 17:43*	*1*
o-Terphenyl	*99*		*70 - 130*	*08/04/23 11:13*	*08/05/23 17:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3860**		24.9		mg/Kg			08/03/23 15:45	5

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

Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:24

Lab Sample ID: 880-31573-11
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/04/23 12:58	08/05/23 06:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/04/23 12:58	08/05/23 06:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/04/23 12:58	08/05/23 06:54	1
m-Xylene & p-Xylene	**0.00529**	***+**	0.00398		mg/Kg		08/04/23 12:58	08/05/23 06:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/04/23 12:58	08/05/23 06:54	1
Xylenes, Total	**0.00529**	***+**	0.00398		mg/Kg		08/04/23 12:58	08/05/23 06:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*08/04/23 12:58*	*08/05/23 06:54*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*08/04/23 12:58*	*08/05/23 06:54*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00529**		0.00398		mg/Kg			08/07/23 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	**145**		50.4		mg/Kg			08/07/23 10:01	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	<50.4	U	50.4		mg/Kg		08/04/23 11:13	08/05/23 18:07	1
Diesel Range Organics (Over C10-C28)	**145**		50.4		mg/Kg		08/04/23 11:13	08/05/23 18:07	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31573-1
SDG: Lea County, NM

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

Lab Sample ID: 880-31573-11
Matrix: Solid
Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:24

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		08/04/23 11:13	08/05/23 18:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*08/04/23 11:13*	*08/05/23 18:07*	*1*
o-Terphenyl	*104*		*70 - 130*	*08/04/23 11:13*	*08/05/23 18:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1740**		25.0		mg/Kg			08/03/23 15:52	5

Client Sample ID: S-5 (1.5')

Lab Sample ID: 880-31573-12
Matrix: Solid
Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:24

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/04/23 12:58	08/05/23 07:14	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/04/23 12:58	08/05/23 07:14	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/04/23 12:58	08/05/23 07:14	1
m-Xylene & p-Xylene	<0.00398	U *+	0.00398		mg/Kg		08/04/23 12:58	08/05/23 07:14	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/04/23 12:58	08/05/23 07:14	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		08/04/23 12:58	08/05/23 07:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*08/04/23 12:58*	*08/05/23 07:14*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*08/04/23 12:58*	*08/05/23 07:14*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/07/23 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	<50.1	U	50.1		mg/Kg			08/07/23 10:01	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		08/04/23 11:13	08/05/23 18:31	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		08/04/23 11:13	08/05/23 18:31	1
OII Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		08/04/23 11:13	08/05/23 18:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*71*		*70 - 130*	*08/04/23 11:13*	*08/05/23 18:31*	*1*
o-Terphenyl	*83*		*70 - 130*	*08/04/23 11:13*	*08/05/23 18:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2060**		25.1		mg/Kg			08/03/23 15:59	5

Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31573-1
SDG: Lea County, NM

Client Sample ID: S-5 (2')

Lab Sample ID: 880-31573-13
Date Collected: 08/01/23 00:00
Matrix: Solid
Date Received: 08/02/23 11:24

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		08/04/23 14:26	08/05/23 16:21	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/04/23 14:26	08/05/23 16:21	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/04/23 14:26	08/05/23 16:21	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/04/23 14:26	08/05/23 16:21	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/04/23 14:26	08/05/23 16:21	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/04/23 14:26	08/05/23 16:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*08/04/23 14:26*	*08/05/23 16:21*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*08/04/23 14:26*	*08/05/23 16:21*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			08/07/23 16:13	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			08/07/23 10:01	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		08/04/23 11:13	08/05/23 18:55	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		08/04/23 11:13	08/05/23 18:55	1
OII Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		08/04/23 11:13	08/05/23 18:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*08/04/23 11:13*	*08/05/23 18:55*	*1*
o-Terphenyl	*102*		*70 - 130*	*08/04/23 11:13*	*08/05/23 18:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**208**		5.03		mg/Kg			08/03/23 16:05	1

Client Sample ID: S-5 (3')

Lab Sample ID: 880-31573-14
Date Collected: 08/01/23 00:00
Matrix: Solid
Date Received: 08/02/23 11:24

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		08/03/23 12:39	08/04/23 08:00	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/03/23 12:39	08/04/23 08:00	1
Ethylbenzene	<0.00202	U *-	0.00202		mg/Kg		08/03/23 12:39	08/04/23 08:00	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/03/23 12:39	08/04/23 08:00	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/03/23 12:39	08/04/23 08:00	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/03/23 12:39	08/04/23 08:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*08/03/23 12:39*	*08/04/23 08:00*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*08/03/23 12:39*	*08/04/23 08:00*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31573-1
SDG: Lea County, NM

Client Sample ID: S-5 (3')

Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:24

Lab Sample ID: 880-31573-14
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			08/04/23 10:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			08/07/23 10:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		08/04/23 11:13	08/05/23 19:19	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		08/04/23 11:13	08/05/23 19:19	1
OII Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		08/04/23 11:13	08/05/23 19:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*08/04/23 11:13*	*08/05/23 19:19*	*1*
o-Terphenyl	*100*		*70 - 130*	*08/04/23 11:13*	*08/05/23 19:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**334**		4.99		mg/Kg			08/03/23 16:12	1

Client Sample ID: S-5 (4')

Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:24

Lab Sample ID: 880-31573-15
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/03/23 12:39	08/04/23 08:20	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/03/23 12:39	08/04/23 08:20	1
Ethylbenzene	<0.00199	U *-	0.00199		mg/Kg		08/03/23 12:39	08/04/23 08:20	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/03/23 12:39	08/04/23 08:20	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/03/23 12:39	08/04/23 08:20	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/03/23 12:39	08/04/23 08:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*08/03/23 12:39*	*08/04/23 08:20*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*08/03/23 12:39*	*08/04/23 08:20*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/04/23 10:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/07/23 10:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/04/23 11:13	08/05/23 19:43	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/04/23 11:13	08/05/23 19:43	1

Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31573-1
SDG: Lea County, NM

Client Sample ID: S-5 (4')

Lab Sample ID: 880-31573-15
Date Collected: 08/01/23 00:00
Matrix: Solid
Date Received: 08/02/23 11:24

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/04/23 11:13	08/05/23 19:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*08/04/23 11:13*	*08/05/23 19:43*	*1*
o-Terphenyl	*101*		*70 - 130*	*08/04/23 11:13*	*08/05/23 19:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2570**		24.8		mg/Kg			08/03/23 16:19	5

Client Sample ID: S-6 (0-1')

Lab Sample ID: 880-31573-16
Date Collected: 08/01/23 00:00
Matrix: Solid
Date Received: 08/02/23 11:24

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		08/03/23 12:39	08/04/23 08:41	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/03/23 12:39	08/04/23 08:41	1
Ethylbenzene	<0.00202	U *-	0.00202		mg/Kg		08/03/23 12:39	08/04/23 08:41	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/03/23 12:39	08/04/23 08:41	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/03/23 12:39	08/04/23 08:41	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/03/23 12:39	08/04/23 08:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*08/03/23 12:39*	*08/04/23 08:41*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*08/03/23 12:39*	*08/04/23 08:41*	*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			08/04/23 10:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/07/23 10:01	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		08/04/23 11:13	08/05/23 20:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/04/23 11:13	08/05/23 20:06	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/04/23 11:13	08/05/23 20:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*08/04/23 11:13*	*08/05/23 20:06*	*1*
o-Terphenyl	*109*		*70 - 130*	*08/04/23 11:13*	*08/05/23 20:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4690**		50.3		mg/Kg			08/03/23 16:40	10

Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31573-1
SDG: Lea County, NM

Client Sample ID: S-7 (0-1')

Lab Sample ID: 880-31573-17
Date Collected: 08/01/23 00:00
Matrix: Solid
Date Received: 08/02/23 11:24

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/03/23 12:39	08/04/23 09:01	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/03/23 12:39	08/04/23 09:01	1
Ethylbenzene	<0.00199	U *-	0.00199		mg/Kg		08/03/23 12:39	08/04/23 09:01	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/03/23 12:39	08/04/23 09:01	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/03/23 12:39	08/04/23 09:01	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/03/23 12:39	08/04/23 09:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*08/03/23 12:39*	*08/04/23 09:01*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*08/03/23 12:39*	*08/04/23 09:01*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/04/23 10:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			08/07/23 10:01	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	<50.4	U	50.4		mg/Kg		08/04/23 11:13	08/05/23 20:29	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		08/04/23 11:13	08/05/23 20:29	1
OII Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		08/04/23 11:13	08/05/23 20:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*08/04/23 11:13*	*08/05/23 20:29*	*1*
o-Terphenyl	*103*		*70 - 130*	*08/04/23 11:13*	*08/05/23 20:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1980**		50.0		mg/Kg			08/03/23 16:47	10

Client Sample ID: S-7 (1.5')

Lab Sample ID: 880-31573-18
Date Collected: 08/01/23 00:00
Matrix: Solid
Date Received: 08/02/23 11:24

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		08/03/23 12:39	08/04/23 09:22	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/03/23 12:39	08/04/23 09:22	1
Ethylbenzene	<0.00198	U *-	0.00198		mg/Kg		08/03/23 12:39	08/04/23 09:22	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/03/23 12:39	08/04/23 09:22	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/03/23 12:39	08/04/23 09:22	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/03/23 12:39	08/04/23 09:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*08/03/23 12:39*	*08/04/23 09:22*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*08/03/23 12:39*	*08/04/23 09:22*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31573-1
SDG: Lea County, NM

Client Sample ID: S-7 (1.5')

Lab Sample ID: 880-31573-18
Matrix: Solid
Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:24

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			08/04/23 10:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			08/07/23 10:01	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	<50.4	U	50.4		mg/Kg		08/04/23 11:13	08/05/23 20:52	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		08/04/23 11:13	08/05/23 20:52	1
OII Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		08/04/23 11:13	08/05/23 20:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*80*		*70 - 130*	*08/04/23 11:13*	*08/05/23 20:52*	*1*
o-Terphenyl	*96*		*70 - 130*	*08/04/23 11:13*	*08/05/23 20:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**231**		5.02		mg/Kg			08/03/23 17:07	1

Client Sample ID: S-7 (2')

Lab Sample ID: 880-31573-19
Matrix: Solid
Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:24

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/03/23 12:39	08/04/23 09:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/03/23 12:39	08/04/23 09:42	1
Ethylbenzene	<0.00199	U *-	0.00199		mg/Kg		08/03/23 12:39	08/04/23 09:42	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/03/23 12:39	08/04/23 09:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/03/23 12:39	08/04/23 09:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/03/23 12:39	08/04/23 09:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*08/03/23 12:39*	*08/04/23 09:42*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*08/03/23 12:39*	*08/04/23 09:42*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/04/23 10:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/07/23 10:01	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		08/04/23 11:13	08/05/23 21:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/04/23 11:13	08/05/23 21:14	1

Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31573-1
SDG: Lea County, NM

Client Sample ID: S-7 (2')
Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:24

Lab Sample ID: 880-31573-19
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/04/23 11:13	08/05/23 21:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*08/04/23 11:13*	*08/05/23 21:14*	*1*
o-Terphenyl	*100*		*70 - 130*	*08/04/23 11:13*	*08/05/23 21:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**47.7**		4.99		mg/Kg			08/03/23 17:14	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31573-1
SDG: Lea County, NM

Method: 8021B - Volatile Organic Compounds (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-31305-A-21-C MS	Matrix Spike	99	97
880-31305-A-21-D MSD	Matrix Spike Duplicate	99	100
880-31573-1	S-1 (0-1')	89	76
880-31573-2	S-1 (1.5')	86	63 S1-
880-31573-3	S-2 (0-1')	75	90
880-31573-4	S-2 (1.5')	71	75
880-31573-5	S-3 (0-1')	119	63 S1-
880-31573-6	S-3 (1.5')	87	69 S1-
880-31573-7	S-3 (2')	116	76
880-31573-8	S-3 (3')	88	56 S1-
880-31573-9	S-4 (0-1')	109	71
880-31573-10	S-4 (1.5')	118	70
880-31573-11	S-5 (0-1')	98	87
880-31573-12	S-5 (1.5')	87	85
880-31573-13	S-5 (2')	91	113
880-31573-14	S-5 (3')	91	96
880-31573-15	S-5 (4')	94	104
880-31573-16	S-6 (0-1')	101	98
880-31573-17	S-7 (0-1')	100	104
880-31573-18	S-7 (1.5')	101	99
880-31573-19	S-7 (2')	102	105
880-31681-A-1-E MS	Matrix Spike	122	119
880-31681-A-1-F MSD	Matrix Spike Duplicate	120	110
890-5003-A-9-C MS	Matrix Spike	71	123
890-5003-A-9-D MSD	Matrix Spike Duplicate	92	101
LCS 880-59245/1-A	Lab Control Sample	89	99
LCS 880-59344/1-A	Lab Control Sample	115	113
LCS 880-59350/1-A	Lab Control Sample	110	101
LCSD 880-59245/2-A	Lab Control Sample Dup	90	100
LCSD 880-59344/2-A	Lab Control Sample Dup	115	116
LCSD 880-59350/2-A	Lab Control Sample Dup	94	100
MB 880-59197/5-A	Method Blank	100	107
MB 880-59245/5-A	Method Blank	101	129
MB 880-59298/5-A	Method Blank	72	95
MB 880-59344/5-A	Method Blank	68 S1-	85
MB 880-59346/5-A	Method Blank	84	88
MB 880-59350/5-A	Method Blank	85	90

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)
880-31573-1	S-1 (0-1')	82	93
880-31573-2	S-1 (1.5')	85	97

Surrogate Summary

Client: Carmona Resources Job ID: 880-31573-1
Project/Site: Ross Draw Reuse Pit Layflat SDG: Lea County, NM

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

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

		Percent Surrogate Recovery (Acceptance Limits)									
		1CO1	OTPH1								
Lab Sample ID	Client Sample ID	(70-130)	(70-130)								
880-31573-3	S-2 (0-1')	82	93								
880-31573-4	S-2 (1.5')	98	112								
880-31573-5	S-3 (0-1')	86	97								
880-31573-6	S-3 (1.5')	87	100								
880-31573-7	S-3 (2')	98	118								
880-31573-8	S-3 (3')	93	109								
880-31573-9	S-4 (0-1')	85	100								
880-31573-10	S-4 (1.5')	84	99								
880-31573-11	S-5 (0-1')	90	104								
880-31573-12	S-5 (1.5')	71	83								
880-31573-13	S-5 (2')	88	102								
880-31573-14	S-5 (3')	88	100								
880-31573-15	S-5 (4')	88	101								
880-31573-16	S-6 (0-1')	93	109								
880-31573-17	S-7 (0-1')	89	103								
880-31573-18	S-7 (1.5')	80	96								
880-31573-19	S-7 (2')	86	100								
890-5003-A-9-G MS	Matrix Spike	84	82								
890-5003-A-9-H MSD	Matrix Spike Duplicate	84	80								
LCS 880-59332/2-A	Lab Control Sample	104	109								
LCSD 880-59332/3-A	Lab Control Sample Dup	101	108								
MB 880-59332/1-A	Method Blank	88	102								

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31573-1
SDG: Lea County, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-59197/5-A
Matrix: Solid
Analysis Batch: 59175

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 59197

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/03/23 09:43	08/03/23 13:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/03/23 09:43	08/03/23 13:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/03/23 09:43	08/03/23 13:09	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/03/23 09:43	08/03/23 13:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/03/23 09:43	08/03/23 13:09	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/03/23 09:43	08/03/23 13:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*08/03/23 09:43*	*08/03/23 13:09*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*08/03/23 09:43*	*08/03/23 13:09*	*1*

Lab Sample ID: MB 880-59245/5-A
Matrix: Solid
Analysis Batch: 59175

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 59245

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/03/23 12:39	08/04/23 01:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/03/23 12:39	08/04/23 01:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/03/23 12:39	08/04/23 01:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/03/23 12:39	08/04/23 01:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/03/23 12:39	08/04/23 01:15	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/03/23 12:39	08/04/23 01:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*08/03/23 12:39*	*08/04/23 01:15*	*1*
1,4-Difluorobenzene (Surr)	*129*		*70 - 130*	*08/03/23 12:39*	*08/04/23 01:15*	*1*

Lab Sample ID: LCS 880-59245/1-A
Matrix: Solid
Analysis Batch: 59175

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 59245

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.07626		mg/Kg		76	70 - 130
Toluene	0.100	0.07739		mg/Kg		77	70 - 130
Ethylbenzene	0.100	0.06589	*-	mg/Kg		66	70 - 130
m-Xylene & p-Xylene	0.200	0.1506		mg/Kg		75	70 - 130
o-Xylene	0.100	0.07571		mg/Kg		76	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 880-59245/2-A
Matrix: Solid
Analysis Batch: 59175

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 59245

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.07805		mg/Kg		78	70 - 130	2	35

QC Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31573-1
SDG: Lea County, NM

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

Lab Sample ID: LCSD 880-59245/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 59175 — **Prep Batch: 59245**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.07715		mg/Kg		77	70 - 130	0	35
Ethylbenzene			0.100	0.06720	*-	mg/Kg		67	70 - 130	2	35
m-Xylene & p-Xylene			0.200	0.1535		mg/Kg		77	70 - 130	2	35
o-Xylene			0.100	0.07862		mg/Kg		79	70 - 130	4	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: 890-5003-A-9-C MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 59175 — **Prep Batch: 59245**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0996	0.07381		mg/Kg		74	70 - 130
Toluene	<0.00200	U	0.0996	0.08857		mg/Kg		89	70 - 130
Ethylbenzene	<0.00200	U *-	0.0996	0.07231		mg/Kg		73	70 - 130
m-Xylene & p-Xylene	<0.00400	U	0.199	0.1585		mg/Kg		80	70 - 130
o-Xylene	<0.00200	U	0.0996	0.07578		mg/Kg		76	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*71*		*70 - 130*
1,4-Difluorobenzene (Surr)	*123*		*70 - 130*

Lab Sample ID: 890-5003-A-9-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 59175 — **Prep Batch: 59245**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0990	0.09337		mg/Kg		94	70 - 130	23	35
Toluene	<0.00200	U	0.0990	0.08935		mg/Kg		90	70 - 130	1	35
Ethylbenzene	<0.00200	U *-	0.0990	0.07941		mg/Kg		80	70 - 130	9	35
m-Xylene & p-Xylene	<0.00400	U	0.198	0.1772		mg/Kg		90	70 - 130	11	35
o-Xylene	<0.00200	U	0.0990	0.08878		mg/Kg		90	70 - 130	16	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: MB 880-59298/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 59294 — **Prep Batch: 59298**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/04/23 08:27	08/04/23 12:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/04/23 08:27	08/04/23 12:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/04/23 08:27	08/04/23 12:44	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/04/23 08:27	08/04/23 12:44	1

QC Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31573-1
SDG: Lea County, NM

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

Lab Sample ID: MB 880-59298/5-A
Matrix: Solid
Analysis Batch: 59294

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 59298

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/04/23 08:27	08/04/23 12:44	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/04/23 08:27	08/04/23 12:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*72*		*70 - 130*	*08/04/23 08:27*	*08/04/23 12:44*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*08/04/23 08:27*	*08/04/23 12:44*	*1*

Lab Sample ID: MB 880-59344/5-A
Matrix: Solid
Analysis Batch: 59294

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 59344

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/04/23 12:58	08/04/23 23:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/04/23 12:58	08/04/23 23:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/04/23 12:58	08/04/23 23:23	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/04/23 12:58	08/04/23 23:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/04/23 12:58	08/04/23 23:23	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/04/23 12:58	08/04/23 23:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*68*	*S1-*	*70 - 130*	*08/04/23 12:58*	*08/04/23 23:23*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*08/04/23 12:58*	*08/04/23 23:23*	*1*

Lab Sample ID: LCS 880-59344/1-A
Matrix: Solid
Analysis Batch: 59294

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 59344

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1252		mg/Kg		125	70 - 130
Toluene	0.100	0.1167		mg/Kg		117	70 - 130
Ethylbenzene	0.100	0.1264		mg/Kg		126	70 - 130
m-Xylene & p-Xylene	0.200	0.2689	*+	mg/Kg		134	70 - 130
o-Xylene	0.100	0.1297		mg/Kg		130	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*

Lab Sample ID: LCSD 880-59344/2-A
Matrix: Solid
Analysis Batch: 59294

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 59344

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1276		mg/Kg		128	70 - 130	2	35
Toluene	0.100	0.1123		mg/Kg		112	70 - 130	4	35
Ethylbenzene	0.100	0.1233		mg/Kg		123	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2625	*+	mg/Kg		131	70 - 130	2	35
o-Xylene	0.100	0.1255		mg/Kg		126	70 - 130	3	35

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31573-1
SDG: Lea County, NM

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*
1,4-Difluorobenzene (Surr)	*116*		*70 - 130*

Lab Sample ID: 880-31681-A-1-E MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 59294 — **Prep Batch: 59344**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U	0.0998	0.1132		mg/Kg		113	70 - 130
Toluene	<0.00202	U	0.0998	0.09594		mg/Kg		96	70 - 130
Ethylbenzene	<0.00202	U	0.0998	0.09883		mg/Kg		99	70 - 130
m-Xylene & p-Xylene	<0.00403	U *+	0.200	0.2029		mg/Kg		102	70 - 130
o-Xylene	<0.00202	U	0.0998	0.09624		mg/Kg		96	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*
1,4-Difluorobenzene (Surr)	*119*		*70 - 130*

Lab Sample ID: 880-31681-A-1-F MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 59294 — **Prep Batch: 59344**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.0994	0.1170		mg/Kg		118	70 - 130	3	35
Toluene	<0.00202	U	0.0994	0.09969		mg/Kg		100	70 - 130	4	35
Ethylbenzene	<0.00202	U	0.0994	0.1061		mg/Kg		107	70 - 130	7	35
m-Xylene & p-Xylene	<0.00403	U *+	0.199	0.2222		mg/Kg		112	70 - 130	9	35
o-Xylene	<0.00202	U	0.0994	0.1040		mg/Kg		105	70 - 130	8	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*

Lab Sample ID: MB 880-59346/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 59296 — **Prep Batch: 59346**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/04/23 13:45	08/04/23 23:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/04/23 13:45	08/04/23 23:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/04/23 13:45	08/04/23 23:23	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/04/23 13:45	08/04/23 23:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/04/23 13:45	08/04/23 23:23	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/04/23 13:45	08/04/23 23:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*08/04/23 13:45*	*08/04/23 23:23*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*08/04/23 13:45*	*08/04/23 23:23*	*1*

QC Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31573-1
SDG: Lea County, NM

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

Lab Sample ID: MB 880-59350/5-A
Matrix: Solid
Analysis Batch: 59296

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 59350

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/04/23 14:26	08/05/23 10:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/04/23 14:26	08/05/23 10:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/04/23 14:26	08/05/23 10:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/04/23 14:26	08/05/23 10:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/04/23 14:26	08/05/23 10:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/04/23 14:26	08/05/23 10:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*08/04/23 14:26*	*08/05/23 10:02*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*08/04/23 14:26*	*08/05/23 10:02*	*1*

Lab Sample ID: LCS 880-59350/1-A
Matrix: Solid
Analysis Batch: 59296

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 59350

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1018		mg/Kg		102	70 - 130
Toluene	0.100	0.1209		mg/Kg		121	70 - 130
Ethylbenzene	0.100	0.1056		mg/Kg		106	70 - 130
m-Xylene & p-Xylene	0.200	0.2045		mg/Kg		102	70 - 130
o-Xylene	0.100	0.1049		mg/Kg		105	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: LCSD 880-59350/2-A
Matrix: Solid
Analysis Batch: 59296

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 59350

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08796		mg/Kg		88	70 - 130	15	35
Toluene	0.100	0.09858		mg/Kg		99	70 - 130	20	35
Ethylbenzene	0.100	0.08246		mg/Kg		82	70 - 130	25	35
m-Xylene & p-Xylene	0.200	0.1572		mg/Kg		79	70 - 130	26	35
o-Xylene	0.100	0.08079		mg/Kg		81	70 - 130	26	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: 880-31305-A-21-C MS
Matrix: Solid
Analysis Batch: 59296

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 59350

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1	0.0996	0.06537	F1	mg/Kg		66	70 - 130
Toluene	<0.00200	U	0.0996	0.07343		mg/Kg		74	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31573-1
SDG: Lea County, NM

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

Lab Sample ID: 880-31305-A-21-C MS
Matrix: Solid
Analysis Batch: 59296

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 59350

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U F1	0.0996	0.06585	F1	mg/Kg		66	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1	0.199	0.1248	F1	mg/Kg		63	70 - 130
o-Xylene	<0.00200	U F1	0.0996	0.06244	F1	mg/Kg		63	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: 880-31305-A-21-D MSD
Matrix: Solid
Analysis Batch: 59296

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 59350

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.101	0.07193		mg/Kg		71	70 - 130	10	35
Toluene	<0.00200	U	0.101	0.07918		mg/Kg		79	70 - 130	8	35
Ethylbenzene	<0.00200	U F1	0.101	0.06939	F1	mg/Kg		69	70 - 130	5	35
m-Xylene & p-Xylene	<0.00399	U F1	0.202	0.1309	F1	mg/Kg		65	70 - 130	5	35
o-Xylene	<0.00200	U F1	0.101	0.06524	F1	mg/Kg		65	70 - 130	4	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

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

Lab Sample ID: MB 880-59332/1-A
Matrix: Solid
Analysis Batch: 59386

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 59332

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		08/04/23 11:12	08/05/23 09:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/04/23 11:12	08/05/23 09:38	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/04/23 11:12	08/05/23 09:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*08/04/23 11:12*	*08/05/23 09:38*	*1*
o-Terphenyl	*102*		*70 - 130*	*08/04/23 11:12*	*08/05/23 09:38*	*1*

Lab Sample ID: LCS 880-59332/2-A
Matrix: Solid
Analysis Batch: 59386

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 59332

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	721.0		mg/Kg		72	70 - 130
Diesel Range Organics (Over C10-C28)	1000	993.2		mg/Kg		99	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31573-1
SDG: Lea County, NM

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

Lab Sample ID: LCS 880-59332/2-A
Matrix: Solid
Analysis Batch: 59386

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 59332

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	104		70 - 130
o-Terphenyl	109		70 - 130

Lab Sample ID: LCSD 880-59332/3-A
Matrix: Solid
Analysis Batch: 59386

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 59332

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	758.5		mg/Kg		76	70 - 130	5	20
Diesel Range Organics (Over C10-C28)			1000	1082		mg/Kg		108	70 - 130	9	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	101		70 - 130
o-Terphenyl	108		70 - 130

Lab Sample ID: 890-5003-A-9-G MS
Matrix: Solid
Analysis Batch: 59386

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 59332

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.6	U F1	1010	717.3	F1	mg/Kg		69	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.6	U	1010	857.4		mg/Kg		85	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	84		70 - 130
o-Terphenyl	82		70 - 130

Lab Sample ID: 890-5003-A-9-H MSD
Matrix: Solid
Analysis Batch: 59386

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 59332

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	725.3		mg/Kg		70	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.6	U	1010	848.0		mg/Kg		84	70 - 130	1	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	84		70 - 130
o-Terphenyl	80		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31573-1
SDG: Lea County, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-59122/1-A
Matrix: Solid
Analysis Batch: 59258

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			08/03/23 17:44	1

Lab Sample ID: LCS 880-59122/2-A
Matrix: Solid
Analysis Batch: 59258

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	243.4		mg/Kg		97	90 - 110		

Lab Sample ID: LCSD 880-59122/3-A
Matrix: Solid
Analysis Batch: 59258

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	243.9		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 880-31572-A-2-B MS
Matrix: Solid
Analysis Batch: 59258

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	43.0		253	293.0		mg/Kg		99	90 - 110		

Lab Sample ID: 880-31572-A-2-C MSD
Matrix: Solid
Analysis Batch: 59258

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	43.0		253	293.3		mg/Kg		99	90 - 110	0	20

Lab Sample ID: MB 880-59119/1-A
Matrix: Solid
Analysis Batch: 59259

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			08/03/23 14:23	1

Lab Sample ID: LCS 880-59119/2-A
Matrix: Solid
Analysis Batch: 59259

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	246.9		mg/Kg		99	90 - 110		

Lab Sample ID: LCSD 880-59119/3-A
Matrix: Solid
Analysis Batch: 59259

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	247.3		mg/Kg		99	90 - 110	0	20

QC Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31573-1
SDG: Lea County, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-31573-5 MS
Matrix: Solid
Analysis Batch: 59259

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	4440		2500	6934		mg/Kg		100	90 - 110

Lab Sample ID: 880-31573-5 MSD
Matrix: Solid
Analysis Batch: 59259

Client Sample ID: S-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	4440		2500	6895		mg/Kg		98	90 - 110	1	20

Lab Sample ID: 880-31573-15 MS
Matrix: Solid
Analysis Batch: 59259

Client Sample ID: S-5 (4')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2570		1240	3788		mg/Kg		98	90 - 110

Lab Sample ID: 880-31573-15 MSD
Matrix: Solid
Analysis Batch: 59259

Client Sample ID: S-5 (4')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2570		1240	3783		mg/Kg		98	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31573-1
SDG: Lea County, NM

GC VOA

Analysis Batch: 59175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31573-14	S-5 (3')	Total/NA	Solid	8021B	59245
880-31573-15	S-5 (4')	Total/NA	Solid	8021B	59245
880-31573-16	S-6 (0-1')	Total/NA	Solid	8021B	59245
880-31573-17	S-7 (0-1')	Total/NA	Solid	8021B	59245
880-31573-18	S-7 (1.5')	Total/NA	Solid	8021B	59245
880-31573-19	S-7 (2')	Total/NA	Solid	8021B	59245
MB 880-59197/5-A	Method Blank	Total/NA	Solid	8021B	59197
MB 880-59245/5-A	Method Blank	Total/NA	Solid	8021B	59245
LCS 880-59245/1-A	Lab Control Sample	Total/NA	Solid	8021B	59245
LCSD 880-59245/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	59245
890-5003-A-9-C MS	Matrix Spike	Total/NA	Solid	8021B	59245
890-5003-A-9-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	59245

Prep Batch: 59197

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-59197/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 59245

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31573-14	S-5 (3')	Total/NA	Solid	5035	
880-31573-15	S-5 (4')	Total/NA	Solid	5035	
880-31573-16	S-6 (0-1')	Total/NA	Solid	5035	
880-31573-17	S-7 (0-1')	Total/NA	Solid	5035	
880-31573-18	S-7 (1.5')	Total/NA	Solid	5035	
880-31573-19	S-7 (2')	Total/NA	Solid	5035	
MB 880-59245/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-59245/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-59245/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-5003-A-9-C MS	Matrix Spike	Total/NA	Solid	5035	
890-5003-A-9-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 59294

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31573-1	S-1 (0-1')	Total/NA	Solid	8021B	59344
880-31573-2	S-1 (1.5')	Total/NA	Solid	8021B	59344
880-31573-3	S-2 (0-1')	Total/NA	Solid	8021B	59344
880-31573-4	S-2 (1.5')	Total/NA	Solid	8021B	59344
880-31573-5	S-3 (0-1')	Total/NA	Solid	8021B	59344
880-31573-6	S-3 (1.5')	Total/NA	Solid	8021B	59344
880-31573-7	S-3 (2')	Total/NA	Solid	8021B	59344
880-31573-8	S-3 (3')	Total/NA	Solid	8021B	59344
880-31573-9	S-4 (0-1')	Total/NA	Solid	8021B	59344
880-31573-10	S-4 (1.5')	Total/NA	Solid	8021B	59344
880-31573-11	S-5 (0-1')	Total/NA	Solid	8021B	59344
880-31573-12	S-5 (1.5')	Total/NA	Solid	8021B	59344
MB 880-59298/5-A	Method Blank	Total/NA	Solid	8021B	59298
MB 880-59344/5-A	Method Blank	Total/NA	Solid	8021B	59344
LCS 880-59344/1-A	Lab Control Sample	Total/NA	Solid	8021B	59344
LCSD 880-59344/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	59344
880-31681-A-1-E MS	Matrix Spike	Total/NA	Solid	8021B	59344
880-31681-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	59344

QC Association Summary

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31573-1
SDG: Lea County, NM

GC VOA

Analysis Batch: 59296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31573-13	S-5 (2')	Total/NA	Solid	8021B	59350
MB 880-59346/5-A	Method Blank	Total/NA	Solid	8021B	59346
MB 880-59350/5-A	Method Blank	Total/NA	Solid	8021B	59350
LCS 880-59350/1-A	Lab Control Sample	Total/NA	Solid	8021B	59350
LCSD 880-59350/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	59350
880-31305-A-21-C MS	Matrix Spike	Total/NA	Solid	8021B	59350
880-31305-A-21-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	59350

Prep Batch: 59298

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-59298/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 59313

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31573-1	S-1 (0-1')	Total/NA	Solid	Total BTEX	
880-31573-2	S-1 (1.5')	Total/NA	Solid	Total BTEX	
880-31573-3	S-2 (0-1')	Total/NA	Solid	Total BTEX	
880-31573-4	S-2 (1.5')	Total/NA	Solid	Total BTEX	
880-31573-5	S-3 (0-1')	Total/NA	Solid	Total BTEX	
880-31573-6	S-3 (1.5')	Total/NA	Solid	Total BTEX	
880-31573-7	S-3 (2')	Total/NA	Solid	Total BTEX	
880-31573-8	S-3 (3')	Total/NA	Solid	Total BTEX	
880-31573-9	S-4 (0-1')	Total/NA	Solid	Total BTEX	
880-31573-10	S-4 (1.5')	Total/NA	Solid	Total BTEX	
880-31573-11	S-5 (0-1')	Total/NA	Solid	Total BTEX	
880-31573-12	S-5 (1.5')	Total/NA	Solid	Total BTEX	
880-31573-13	S-5 (2')	Total/NA	Solid	Total BTEX	
880-31573-14	S-5 (3')	Total/NA	Solid	Total BTEX	
880-31573-15	S-5 (4')	Total/NA	Solid	Total BTEX	
880-31573-16	S-6 (0-1')	Total/NA	Solid	Total BTEX	
880-31573-17	S-7 (0-1')	Total/NA	Solid	Total BTEX	
880-31573-18	S-7 (1.5')	Total/NA	Solid	Total BTEX	
880-31573-19	S-7 (2')	Total/NA	Solid	Total BTEX	

Prep Batch: 59344

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31573-1	S-1 (0-1')	Total/NA	Solid	5035	
880-31573-2	S-1 (1.5')	Total/NA	Solid	5035	
880-31573-3	S-2 (0-1')	Total/NA	Solid	5035	
880-31573-4	S-2 (1.5')	Total/NA	Solid	5035	
880-31573-5	S-3 (0-1')	Total/NA	Solid	5035	
880-31573-6	S-3 (1.5')	Total/NA	Solid	5035	
880-31573-7	S-3 (2')	Total/NA	Solid	5035	
880-31573-8	S-3 (3')	Total/NA	Solid	5035	
880-31573-9	S-4 (0-1')	Total/NA	Solid	5035	
880-31573-10	S-4 (1.5')	Total/NA	Solid	5035	
880-31573-11	S-5 (0-1')	Total/NA	Solid	5035	
880-31573-12	S-5 (1.5')	Total/NA	Solid	5035	
MB 880-59344/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-59344/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-59344/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31573-1
SDG: Lea County, NM

GC VOA (Continued)

Prep Batch: 59344 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31681-A-1-E MS	Matrix Spike	Total/NA	Solid	5035	
880-31681-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 59346

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-59346/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 59350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31573-13	S-5 (2')	Total/NA	Solid	5035	
MB 880-59350/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-59350/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-59350/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-31305-A-21-C MS	Matrix Spike	Total/NA	Solid	5035	
880-31305-A-21-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

GC Semi VOA

Prep Batch: 59332

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31573-1	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-31573-2	S-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-31573-3	S-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-31573-4	S-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-31573-5	S-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-31573-6	S-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-31573-7	S-3 (2')	Total/NA	Solid	8015NM Prep	
880-31573-8	S-3 (3')	Total/NA	Solid	8015NM Prep	
880-31573-9	S-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-31573-10	S-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-31573-11	S-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-31573-12	S-5 (1.5')	Total/NA	Solid	8015NM Prep	
880-31573-13	S-5 (2')	Total/NA	Solid	8015NM Prep	
880-31573-14	S-5 (3')	Total/NA	Solid	8015NM Prep	
880-31573-15	S-5 (4')	Total/NA	Solid	8015NM Prep	
880-31573-16	S-6 (0-1')	Total/NA	Solid	8015NM Prep	
880-31573-17	S-7 (0-1')	Total/NA	Solid	8015NM Prep	
880-31573-18	S-7 (1.5')	Total/NA	Solid	8015NM Prep	
880-31573-19	S-7 (2')	Total/NA	Solid	8015NM Prep	
MB 880-59332/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-59332/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-59332/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-5003-A-9-G MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-5003-A-9-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 59386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31573-1	S-1 (0-1')	Total/NA	Solid	8015B NM	59332
880-31573-2	S-1 (1.5')	Total/NA	Solid	8015B NM	59332
880-31573-3	S-2 (0-1')	Total/NA	Solid	8015B NM	59332
880-31573-4	S-2 (1.5')	Total/NA	Solid	8015B NM	59332

QC Association Summary

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31573-1
SDG: Lea County, NM

GC Semi VOA (Continued)

Analysis Batch: 59386 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31573-5	S-3 (0-1')	Total/NA	Solid	8015B NM	59332
880-31573-6	S-3 (1.5')	Total/NA	Solid	8015B NM	59332
880-31573-7	S-3 (2')	Total/NA	Solid	8015B NM	59332
880-31573-8	S-3 (3')	Total/NA	Solid	8015B NM	59332
880-31573-9	S-4 (0-1')	Total/NA	Solid	8015B NM	59332
880-31573-10	S-4 (1.5')	Total/NA	Solid	8015B NM	59332
880-31573-11	S-5 (0-1')	Total/NA	Solid	8015B NM	59332
880-31573-12	S-5 (1.5')	Total/NA	Solid	8015B NM	59332
880-31573-13	S-5 (2')	Total/NA	Solid	8015B NM	59332
880-31573-14	S-5 (3')	Total/NA	Solid	8015B NM	59332
880-31573-15	S-5 (4')	Total/NA	Solid	8015B NM	59332
880-31573-16	S-6 (0-1')	Total/NA	Solid	8015B NM	59332
880-31573-17	S-7 (0-1')	Total/NA	Solid	8015B NM	59332
880-31573-18	S-7 (1.5')	Total/NA	Solid	8015B NM	59332
880-31573-19	S-7 (2')	Total/NA	Solid	8015B NM	59332
MB 880-59332/1-A	Method Blank	Total/NA	Solid	8015B NM	59332
LCS 880-59332/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	59332
LCSD 880-59332/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	59332
890-5003-A-9-G MS	Matrix Spike	Total/NA	Solid	8015B NM	59332
890-5003-A-9-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	59332

Analysis Batch: 59471

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31573-1	S-1 (0-1')	Total/NA	Solid	8015 NM	
880-31573-2	S-1 (1.5')	Total/NA	Solid	8015 NM	
880-31573-3	S-2 (0-1')	Total/NA	Solid	8015 NM	
880-31573-4	S-2 (1.5')	Total/NA	Solid	8015 NM	
880-31573-5	S-3 (0-1')	Total/NA	Solid	8015 NM	
880-31573-6	S-3 (1.5')	Total/NA	Solid	8015 NM	
880-31573-7	S-3 (2')	Total/NA	Solid	8015 NM	
880-31573-8	S-3 (3')	Total/NA	Solid	8015 NM	
880-31573-9	S-4 (0-1')	Total/NA	Solid	8015 NM	
880-31573-10	S-4 (1.5')	Total/NA	Solid	8015 NM	
880-31573-11	S-5 (0-1')	Total/NA	Solid	8015 NM	
880-31573-12	S-5 (1.5')	Total/NA	Solid	8015 NM	
880-31573-13	S-5 (2')	Total/NA	Solid	8015 NM	
880-31573-14	S-5 (3')	Total/NA	Solid	8015 NM	
880-31573-15	S-5 (4')	Total/NA	Solid	8015 NM	
880-31573-16	S-6 (0-1')	Total/NA	Solid	8015 NM	
880-31573-17	S-7 (0-1')	Total/NA	Solid	8015 NM	
880-31573-18	S-7 (1.5')	Total/NA	Solid	8015 NM	
880-31573-19	S-7 (2')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 59119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31573-5	S-3 (0-1')	Soluble	Solid	DI Leach	
880-31573-6	S-3 (1.5')	Soluble	Solid	DI Leach	
880-31573-7	S-3 (2')	Soluble	Solid	DI Leach	
880-31573-8	S-3 (3')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31573-1
SDG: Lea County, NM

HPLC/IC (Continued)

Leach Batch: 59119 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31573-9	S-4 (0-1')	Soluble	Solid	DI Leach	
880-31573-10	S-4 (1.5')	Soluble	Solid	DI Leach	
880-31573-11	S-5 (0-1')	Soluble	Solid	DI Leach	
880-31573-12	S-5 (1.5')	Soluble	Solid	DI Leach	
880-31573-13	S-5 (2')	Soluble	Solid	DI Leach	
880-31573-14	S-5 (3')	Soluble	Solid	DI Leach	
880-31573-15	S-5 (4')	Soluble	Solid	DI Leach	
880-31573-16	S-6 (0-1')	Soluble	Solid	DI Leach	
880-31573-17	S-7 (0-1')	Soluble	Solid	DI Leach	
880-31573-18	S-7 (1.5')	Soluble	Solid	DI Leach	
880-31573-19	S-7 (2')	Soluble	Solid	DI Leach	
MB 880-59119/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-59119/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-59119/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-31573-5 MS	S-3 (0-1')	Soluble	Solid	DI Leach	
880-31573-5 MSD	S-3 (0-1')	Soluble	Solid	DI Leach	
880-31573-15 MS	S-5 (4')	Soluble	Solid	DI Leach	
880-31573-15 MSD	S-5 (4')	Soluble	Solid	DI Leach	

Leach Batch: 59122

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31573-1	S-1 (0-1')	Soluble	Solid	DI Leach	
880-31573-2	S-1 (1.5')	Soluble	Solid	DI Leach	
880-31573-3	S-2 (0-1')	Soluble	Solid	DI Leach	
880-31573-4	S-2 (1.5')	Soluble	Solid	DI Leach	
MB 880-59122/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-59122/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-59122/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-31572-A-2-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-31572-A-2-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 59258

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31573-1	S-1 (0-1')	Soluble	Solid	300.0	59122
880-31573-2	S-1 (1.5')	Soluble	Solid	300.0	59122
880-31573-3	S-2 (0-1')	Soluble	Solid	300.0	59122
880-31573-4	S-2 (1.5')	Soluble	Solid	300.0	59122
MB 880-59122/1-A	Method Blank	Soluble	Solid	300.0	59122
LCS 880-59122/2-A	Lab Control Sample	Soluble	Solid	300.0	59122
LCSD 880-59122/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	59122
880-31572-A-2-B MS	Matrix Spike	Soluble	Solid	300.0	59122
880-31572-A-2-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	59122

Analysis Batch: 59259

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31573-5	S-3 (0-1')	Soluble	Solid	300.0	59119
880-31573-6	S-3 (1.5')	Soluble	Solid	300.0	59119
880-31573-7	S-3 (2')	Soluble	Solid	300.0	59119
880-31573-8	S-3 (3')	Soluble	Solid	300.0	59119
880-31573-9	S-4 (0-1')	Soluble	Solid	300.0	59119
880-31573-10	S-4 (1.5')	Soluble	Solid	300.0	59119

QC Association Summary

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31573-1
SDG: Lea County, NM

HPLC/IC (Continued)

Analysis Batch: 59259 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31573-11	S-5 (0-1')	Soluble	Solid	300.0	59119
880-31573-12	S-5 (1.5')	Soluble	Solid	300.0	59119
880-31573-13	S-5 (2')	Soluble	Solid	300.0	59119
880-31573-14	S-5 (3')	Soluble	Solid	300.0	59119
880-31573-15	S-5 (4')	Soluble	Solid	300.0	59119
880-31573-16	S-6 (0-1')	Soluble	Solid	300.0	59119
880-31573-17	S-7 (0-1')	Soluble	Solid	300.0	59119
880-31573-18	S-7 (1.5')	Soluble	Solid	300.0	59119
880-31573-19	S-7 (2')	Soluble	Solid	300.0	59119
MB 880-59119/1-A	Method Blank	Soluble	Solid	300.0	59119
LCS 880-59119/2-A	Lab Control Sample	Soluble	Solid	300.0	59119
LCSD 880-59119/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	59119
880-31573-5 MS	S-3 (0-1')	Soluble	Solid	300.0	59119
880-31573-5 MSD	S-3 (0-1')	Soluble	Solid	300.0	59119
880-31573-15 MS	S-5 (4')	Soluble	Solid	300.0	59119
880-31573-15 MSD	S-5 (4')	Soluble	Solid	300.0	59119

Lab Chronicle

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31573-1
SDG: Lea County, NM

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

Lab Sample ID: 880-31573-1
Matrix: Solid
Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:24

Prep 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	59344	08/04/23 12:58	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59294	08/05/23 02:28	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59313	08/07/23 18:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			59471	08/07/23 10:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	59332	08/04/23 11:13	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59386	08/05/23 13:41	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	59122	08/02/23 14:34	KS	EET MID
Soluble	Analysis	300.0		1			59258	08/03/23 19:57	CH	EET MID

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-31573-2
Matrix: Solid
Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:24

Prep 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	59344	08/04/23 12:58	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59294	08/05/23 02:48	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59313	08/07/23 18:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			59471	08/07/23 10:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	59332	08/04/23 11:13	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59386	08/05/23 14:05	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	59122	08/02/23 14:34	KS	EET MID
Soluble	Analysis	300.0		5			59258	08/03/23 20:02	CH	EET MID

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

Lab Sample ID: 880-31573-3
Matrix: Solid
Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:24

Prep 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	59344	08/04/23 12:58	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59294	08/05/23 04:10	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59313	08/07/23 18:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			59471	08/07/23 10:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	59332	08/04/23 11:13	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59386	08/05/23 14:30	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	59122	08/02/23 14:34	KS	EET MID
Soluble	Analysis	300.0		1			59258	08/03/23 20:08	CH	EET MID

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-31573-4
Matrix: Solid
Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:24

Prep 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	59344	08/04/23 12:58	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59294	08/05/23 04:31	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59313	08/07/23 18:14	SM	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31573-1
SDG: Lea County, NM

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-31573-4
Matrix: Solid
Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:24

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			59471	08/07/23 10:01	SM	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	59332	08/04/23 11:13	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59386	08/05/23 14:54	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	59122	08/02/23 14:34	KS	EET MID
Soluble	Analysis	300.0		5			59258	08/03/23 20:12	CH	EET MID

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

Lab Sample ID: 880-31573-5
Matrix: Solid
Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:24

Prep 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	59344	08/04/23 12:58	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59294	08/05/23 04:51	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59313	08/07/23 18:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			59471	08/07/23 10:01	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	59332	08/04/23 11:13	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59386	08/05/23 15:18	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	59119	08/02/23 14:21	KS	EET MID
Soluble	Analysis	300.0		10			59259	08/03/23 14:43	CH	EET MID

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-31573-6
Matrix: Solid
Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:24

Prep 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	59344	08/04/23 12:58	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59294	08/05/23 05:12	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59313	08/07/23 18:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			59471	08/07/23 10:01	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	59332	08/04/23 11:13	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59386	08/05/23 15:42	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	59119	08/02/23 14:21	KS	EET MID
Soluble	Analysis	300.0		5			59259	08/03/23 15:04	CH	EET MID

Client Sample ID: S-3 (2')

Lab Sample ID: 880-31573-7
Matrix: Solid
Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:24

Prep 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	59344	08/04/23 12:58	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59294	08/05/23 05:32	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59313	08/07/23 18:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			59471	08/07/23 10:01	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	59332	08/04/23 11:13	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59386	08/05/23 16:06	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31573-1
SDG: Lea County, NM

Client Sample ID: S-3 (2')

Lab Sample ID: 880-31573-7
Matrix: Solid
Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:24

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	59119	08/02/23 14:21	KS	EET MID
Soluble	Analysis	300.0		1			59259	08/03/23 15:11	CH	EET MID

Client Sample ID: S-3 (3')

Lab Sample ID: 880-31573-8
Matrix: Solid
Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:24

Prep 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	59344	08/04/23 12:58	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59294	08/05/23 05:52	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59313	08/07/23 18:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			59471	08/07/23 10:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	59332	08/04/23 11:13	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59386	08/05/23 16:30	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	59119	08/02/23 14:21	KS	EET MID
Soluble	Analysis	300.0		1			59259	08/03/23 15:18	CH	EET MID

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

Lab Sample ID: 880-31573-9
Matrix: Solid
Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:24

Prep 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	59344	08/04/23 12:58	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59294	08/05/23 06:13	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59313	08/07/23 18:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			59471	08/07/23 10:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	59332	08/04/23 11:13	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59386	08/05/23 16:55	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	59119	08/02/23 14:21	KS	EET MID
Soluble	Analysis	300.0		1			59259	08/03/23 15:24	CH	EET MID

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-31573-10
Matrix: Solid
Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:24

Prep 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	59344	08/04/23 12:58	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59294	08/05/23 06:33	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59313	08/07/23 18:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			59471	08/07/23 10:01	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	59332	08/04/23 11:13	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59386	08/05/23 17:43	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	59119	08/02/23 14:21	KS	EET MID
Soluble	Analysis	300.0		5			59259	08/03/23 15:45	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31573-1
SDG: Lea County, NM

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

Lab Sample ID: 880-31573-11
Matrix: Solid
Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:24

Prep 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	59344	08/04/23 12:58	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59294	08/05/23 06:54	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59313	08/07/23 18:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			59471	08/07/23 10:01	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	59332	08/04/23 11:13	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59386	08/05/23 18:07	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	59119	08/02/23 14:21	KS	EET MID
Soluble	Analysis	300.0		5			59259	08/03/23 15:52	CH	EET MID

Client Sample ID: S-5 (1.5')

Lab Sample ID: 880-31573-12
Matrix: Solid
Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:24

Prep 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	59344	08/04/23 12:58	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59294	08/05/23 07:14	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59313	08/07/23 18:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			59471	08/07/23 10:01	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	59332	08/04/23 11:13	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59386	08/05/23 18:31	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	59119	08/02/23 14:21	KS	EET MID
Soluble	Analysis	300.0		5			59259	08/03/23 15:59	CH	EET MID

Client Sample ID: S-5 (2')

Lab Sample ID: 880-31573-13
Matrix: Solid
Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:24

Prep 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	59350	08/04/23 14:26	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59296	08/05/23 16:21	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59313	08/07/23 16:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			59471	08/07/23 10:01	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	59332	08/04/23 11:13	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59386	08/05/23 18:55	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	59119	08/02/23 14:21	KS	EET MID
Soluble	Analysis	300.0		1			59259	08/03/23 16:05	CH	EET MID

Client Sample ID: S-5 (3')

Lab Sample ID: 880-31573-14
Matrix: Solid
Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:24

Prep 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	59245	08/03/23 12:39	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59175	08/04/23 08:00	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59313	08/04/23 10:16	SM	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31573-1
SDG: Lea County, NM

Client Sample ID: S-5 (3')

Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:24

Lab Sample ID: 880-31573-14
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			59471	08/07/23 10:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	59332	08/04/23 11:13	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59386	08/05/23 19:19	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	59119	08/02/23 14:21	KS	EET MID
Soluble	Analysis	300.0		1			59259	08/03/23 16:12	CH	EET MID

Client Sample ID: S-5 (4')

Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:24

Lab Sample ID: 880-31573-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	59245	08/03/23 12:39	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59175	08/04/23 08:20	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59313	08/04/23 10:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			59471	08/07/23 10:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	59332	08/04/23 11:13	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59386	08/05/23 19:43	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	59119	08/02/23 14:21	KS	EET MID
Soluble	Analysis	300.0		5			59259	08/03/23 16:19	CH	EET MID

Client Sample ID: S-6 (0-1')

Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:24

Lab Sample ID: 880-31573-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	59245	08/03/23 12:39	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59175	08/04/23 08:41	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59313	08/04/23 10:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			59471	08/07/23 10:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	59332	08/04/23 11:13	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59386	08/05/23 20:06	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	59119	08/02/23 14:21	KS	EET MID
Soluble	Analysis	300.0		10			59259	08/03/23 16:40	CH	EET MID

Client Sample ID: S-7 (0-1')

Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:24

Lab Sample ID: 880-31573-17
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			5.02 g	5 mL	59245	08/03/23 12:39	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59175	08/04/23 09:01	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59313	08/04/23 10:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			59471	08/07/23 10:01	SM	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	59332	08/04/23 11:13	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59386	08/05/23 20:29	SM	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31573-1
SDG: Lea County, NM

Client Sample ID: S-7 (0-1')

Lab Sample ID: 880-31573-17
Matrix: Solid
Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:24

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	59119	08/02/23 14:21	KS	EET MID
Soluble	Analysis	300.0		10			59259	08/03/23 16:47	CH	EET MID

Client Sample ID: S-7 (1.5')

Lab Sample ID: 880-31573-18
Matrix: Solid
Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:24

Prep 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	59245	08/03/23 12:39	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59175	08/04/23 09:22	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59313	08/04/23 10:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			59471	08/07/23 10:01	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	59332	08/04/23 11:13	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59386	08/05/23 20:52	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	59119	08/02/23 14:21	KS	EET MID
Soluble	Analysis	300.0		1			59259	08/03/23 17:07	CH	EET MID

Client Sample ID: S-7 (2')

Lab Sample ID: 880-31573-19
Matrix: Solid
Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:24

Prep 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	59245	08/03/23 12:39	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59175	08/04/23 09:42	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59313	08/04/23 10:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			59471	08/07/23 10:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	59332	08/04/23 11:13	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59386	08/05/23 21:14	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	59119	08/02/23 14:21	KS	EET MID
Soluble	Analysis	300.0		1			59259	08/03/23 17:14	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: Ross Draw Reuse Pit Layflat

Job ID: 880-31573-1
SDG: Lea County, NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-23-26	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	OII 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: Ross Draw Reuse Pit Layflat

Job ID: 880-31573-1
SDG: Lea County, NM

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

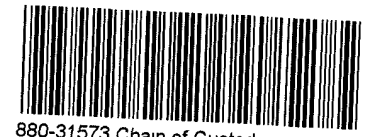
Sample Summary

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31573-1
SDG: Lea County, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-31573-1	S-1 (0-1')	Solid	08/01/23 00:00	08/02/23 11:24
880-31573-2	S-1 (1.5')	Solid	08/01/23 00:00	08/02/23 11:24
880-31573-3	S-2 (0-1')	Solid	08/01/23 00:00	08/02/23 11:24
880-31573-4	S-2 (1.5')	Solid	08/01/23 00:00	08/02/23 11:24
880-31573-5	S-3 (0-1')	Solid	08/01/23 00:00	08/02/23 11:24
880-31573-6	S-3 (1.5')	Solid	08/01/23 00:00	08/02/23 11:24
880-31573-7	S-3 (2')	Solid	08/01/23 00:00	08/02/23 11:24
880-31573-8	S-3 (3')	Solid	08/01/23 00:00	08/02/23 11:24
880-31573-9	S-4 (0-1')	Solid	08/01/23 00:00	08/02/23 11:24
880-31573-10	S-4 (1.5')	Solid	08/01/23 00:00	08/02/23 11:24
880-31573-11	S-5 (0-1')	Solid	08/01/23 00:00	08/02/23 11:24
880-31573-12	S-5 (1.5')	Solid	08/01/23 00:00	08/02/23 11:24
880-31573-13	S-5 (2')	Solid	08/01/23 00:00	08/02/23 11:24
880-31573-14	S-5 (3')	Solid	08/01/23 00:00	08/02/23 11:24
880-31573-15	S-5 (4')	Solid	08/01/23 00:00	08/02/23 11:24
880-31573-16	S-6 (0-1')	Solid	08/01/23 00:00	08/02/23 11:24
880-31573-17	S-7 (0-1')	Solid	08/01/23 00:00	08/02/23 11:24
880-31573-18	S-7 (1.5')	Solid	08/01/23 00:00	08/02/23 11:24
880-31573-19	S-7 (2')	Solid	08/01/23 00:00	08/02/23 11:24

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880-31573 Chain of Custody

8/7/2023

Page 1 of 2

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 ☐ Superfund ☐

State of Project:

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

Deliverables EDD ☐ ADaPT ☐ Other:

Project Name	Ross Draw Reuse Pit Layflat	Turn Around	
Project Number	2106	☐ Routine ☑ Rush	
Project Location	Lea County, NM	Due Date	72Hrs
Sampler's Name	DD & JR	72-hour TAT	
PO #:			

SAMPLE RECEIPT			
Temp Blank	Yes (No)	Wet Ice	(Yes) No
Received Intact:	(Yes) No	Thermometer ID	IR8
Cooler Custody Seals.	Yes No (N/A)	Correction Factor	-.30
Sample Custody Seals	Yes No (N/A)	Temperature Reading	2.3
Total Containers.		Corrected Temperature	2.0

ANALYSIS REQUEST

Preservative Codes

None NO DI Water H_2O

Cool Cool MeOH Me

HCL. HC HNO_3 HN

H_2SO_4. H_2 NaOH Na

H_3PO_4 HP

$NaHSO_4$. NABIS

$Na_2S_2O_3$. $NaSO_3$

Zn Acetate+NaOH Zn

NaOH+Ascorbic Acid SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
S-1 (0-1')	8/1/2023		X		Grab	1		X	X	X	
S-1 (1 5')	8/1/2023		X		Grab	1		X	X	X	
S-2 (0-1')	8/1/2023		X		Grab	1		X	X	X	
S-2 (1.5')	8/1/2023		X		Grab	1		X	X	X	
S-3 (0-1')	8/1/2023		X		Grab	1		X	X	X	
S-3 (1.5')	8/1/2023		X		Grab	1		X	X	X	
S-3 (2')	8/1/2023		X		Grab	1		X	X	X	
S-3 (3')	8/1/2023		X		Grab	1		X	X	X	
S-4 (0-1')	8/1/2023		X		Grab	1		X	X	X	
S-4 (1 5')	8/1/2023		X		Grab	1		X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by (Signature)	Date/Time
	8-2-23 1124		

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Received by OCD: 6/8/2026 3:06:29 PM

Released to Imaging: 6/15/2026 3:41:09 PM

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Loc: 880
31573

Work Order No: ___

8/7/2023

Page ___2___ of ___2___

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 ☐ Superfund ☐

State of Project:

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

Deliverables EDD ☐ ADaPT ☐ Other:

Project Name	Ross Draw Reuse Pit Layflat	Turn Around		Pres. Code	
Project Number	2106	☐ Routine	☑ Rush		
Project Location	Lea County, NM	Due Date	72Hrs	Parameters	
Sampler's Name	DD & JR	72-hour TAT			
PO #:					

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

ANALYSIS REQUEST

Preservative Codes

None NO DI Water H_2O

Cool Cool MeOH Me

HCL. HC HNO_3. HN

H_2S0_4 H_2 NaOH Na

H_3PO_4 HP

$NaHSO_4$ NABIS

$Na_2S_2O_3$. $NaSO_3$

Zn Acetate+NaOH Zn

NaOH+Ascorbic Acid SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
S-5 (0-1')	8/1/2023		X		Grab	1	X	X	X	
S-5 (1 5')	8/1/2023		X		Grab	1	X	X	X	
S-5 (2')	8/1/2023		X		Grab	1	X	X	X	
S-5 (3')	8/1/2023		X		Grab	1	X	X	X	
S-5 (4')	8/1/2023		X		Grab	1	X	X	X	
S-6 (0-1')	8/1/2023		X		Grab	1	X	X	X	
S-7 (0-1')	8/1/2023		X		Grab	1	X	X	X	
S-7 (1.5')	8/1/2023		X		Grab	1	X	X	X	
S-7 (2')	8/1/2023		X		Grab	1	X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Amanda Vargas	8-2-23 1124		

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Received by OCD: 6/8/2026 3:06:29 PM

Released to Imaging: 6/15/2026 3:41:09 PM

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-31573-1
SDG Number: Lea County, NM

Login Number: 31573
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 8/4/2023 10:38:38 AM

JOB DESCRIPTION

Ross Draw Reuse Pit Layflat
SDG NUMBER Lea County, NM

JOB NUMBER

880-31571-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 6/15/2026 3:41:09 PM

my EOL

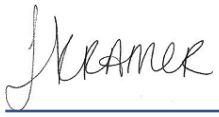
Eurofins Midland

Job Notes

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

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

Authorization



Generated
8/4/2023 10:38:38 AM

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

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Laboratory Job ID: 880-31571-1
SDG: Lea County, NM

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31571-1
SDG: Lea County, NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31571-1
SDG: Lea County, NM

Job ID: 880-31571-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-31571-1

Receipt
The samples were received on 8/2/2023 11:28 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.0°C

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: H-1 (0-0.5') (880-31571-1), H-2 (0-0.5') (880-31571-2), H-3 (0-0.5') (880-31571-3), H-4 (0-0.5') (880-31571-4), H-5 (0-0.5') (880-31571-5), H-6 (0-0.5') (880-31571-6), H-7 (0-0.5') (880-31571-7), H-8 (0-0.5') (880-31571-8) and H-9 (0-0.5') (880-31571-9).

GC VOA
Method 8021B: The matrix spike (MS) recoveries for preparation batch 880-59182 and analytical batch 880-59174 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

GC Semi VOA
Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-59173 and analytical batch 880-59168 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

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

Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31571-1
SDG: Lea County, NM

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

Lab Sample ID: 880-31571-1
Date Collected: 08/01/23 00:00
Matrix: Solid
Date Received: 08/02/23 11:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/03/23 09:13	08/03/23 17:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/03/23 09:13	08/03/23 17:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/03/23 09:13	08/03/23 17:34	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/03/23 09:13	08/03/23 17:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/03/23 09:13	08/03/23 17:34	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/03/23 09:13	08/03/23 17:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*08/03/23 09:13*	*08/03/23 17:34*	*1*
1,4-Difluorobenzene (Surr)	*116*		*70 - 130*	*08/03/23 09:13*	*08/03/23 17:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/03/23 20:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**61.4**		50.0		mg/Kg			08/03/23 21:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/03/23 08:35	08/03/23 16:28	1
Diesel Range Organics (Over C10-C28)	**61.4**		50.0		mg/Kg		08/03/23 08:35	08/03/23 16:28	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/03/23 08:35	08/03/23 16:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*08/03/23 08:35*	*08/03/23 16:28*	*1*
o-Terphenyl	*100*		*70 - 130*	*08/03/23 08:35*	*08/03/23 16:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**45.8**		5.01		mg/Kg			08/03/23 17:58	1

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

Lab Sample ID: 880-31571-2
Date Collected: 08/01/23 00:00
Matrix: Solid
Date Received: 08/02/23 11:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/03/23 09:13	08/03/23 17:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/03/23 09:13	08/03/23 17:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/03/23 09:13	08/03/23 17:55	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/03/23 09:13	08/03/23 17:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/03/23 09:13	08/03/23 17:55	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/03/23 09:13	08/03/23 17:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*08/03/23 09:13*	*08/03/23 17:55*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*08/03/23 09:13*	*08/03/23 17:55*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31571-1
SDG: Lea County, NM

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

Lab Sample ID: 880-31571-2
Date Collected: 08/01/23 00:00
Matrix: Solid
Date Received: 08/02/23 11:28

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			08/03/23 20:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/03/23 21:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		08/03/23 08:35	08/03/23 16:53	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/03/23 08:35	08/03/23 16:53	1
OII Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/03/23 08:35	08/03/23 16:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*08/03/23 08:35*	*08/03/23 16:53*	*1*
o-Terphenyl	*93*		*70 - 130*	*08/03/23 08:35*	*08/03/23 16:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**60.3**		5.04		mg/Kg			08/03/23 18:13	1

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

Lab Sample ID: 880-31571-3
Date Collected: 08/01/23 00:00
Matrix: Solid
Date Received: 08/02/23 11:28

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		08/03/23 09:13	08/03/23 18:15	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/03/23 09:13	08/03/23 18:15	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/03/23 09:13	08/03/23 18:15	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/03/23 09:13	08/03/23 18:15	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/03/23 09:13	08/03/23 18:15	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/03/23 09:13	08/03/23 18:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*08/03/23 09:13*	*08/03/23 18:15*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*08/03/23 09:13*	*08/03/23 18:15*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			08/03/23 20:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			08/03/23 21:18	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		08/03/23 08:35	08/03/23 17:18	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		08/03/23 08:35	08/03/23 17:18	1

Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31571-1
SDG: Lea County, NM

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

Lab Sample ID: 880-31571-3
Matrix: Solid
Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		08/03/23 08:35	08/03/23 17:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*08/03/23 08:35*	*08/03/23 17:18*	*1*
o-Terphenyl	*92*		*70 - 130*	*08/03/23 08:35*	*08/03/23 17:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**37.2**		5.05		mg/Kg			08/03/23 18:18	1

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

Lab Sample ID: 880-31571-4
Matrix: Solid
Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:28

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		08/03/23 09:13	08/03/23 18:36	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/03/23 09:13	08/03/23 18:36	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/03/23 09:13	08/03/23 18:36	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		08/03/23 09:13	08/03/23 18:36	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/03/23 09:13	08/03/23 18:36	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		08/03/23 09:13	08/03/23 18:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*08/03/23 09:13*	*08/03/23 18:36*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*08/03/23 09:13*	*08/03/23 18:36*	*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			08/03/23 20:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			08/03/23 21:18	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	<50.4	U	50.4		mg/Kg		08/03/23 08:35	08/03/23 17:42	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		08/03/23 08:35	08/03/23 17:42	1
OII Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		08/03/23 08:35	08/03/23 17:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*08/03/23 08:35*	*08/03/23 17:42*	*1*
o-Terphenyl	*94*		*70 - 130*	*08/03/23 08:35*	*08/03/23 17:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**36.8**		5.03		mg/Kg			08/03/23 18:23	1

Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31571-1
SDG: Lea County, NM

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

Lab Sample ID: 880-31571-5
Date Collected: 08/01/23 00:00
Matrix: Solid
Date Received: 08/02/23 11:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/03/23 09:13	08/03/23 18:57	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/03/23 09:13	08/03/23 18:57	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/03/23 09:13	08/03/23 18:57	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/03/23 09:13	08/03/23 18:57	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/03/23 09:13	08/03/23 18:57	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/03/23 09:13	08/03/23 18:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*08/03/23 09:13*	*08/03/23 18:57*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*08/03/23 09:13*	*08/03/23 18:57*	*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			08/03/23 20:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			08/03/23 21:18	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	<50.4	U	50.4		mg/Kg		08/03/23 08:35	08/03/23 18:05	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		08/03/23 08:35	08/03/23 18:05	1
OII Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		08/03/23 08:35	08/03/23 18:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*84*		*70 - 130*	*08/03/23 08:35*	*08/03/23 18:05*	*1*
o-Terphenyl	*85*		*70 - 130*	*08/03/23 08:35*	*08/03/23 18:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**85.2**		4.99		mg/Kg			08/03/23 18:28	1

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

Lab Sample ID: 880-31571-6
Date Collected: 08/01/23 00:00
Matrix: Solid
Date Received: 08/02/23 11:28

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		08/03/23 09:13	08/03/23 19:18	1
Toluene	**0.00377**		0.00198		mg/Kg		08/03/23 09:13	08/03/23 19:18	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/03/23 09:13	08/03/23 19:18	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/03/23 09:13	08/03/23 19:18	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/03/23 09:13	08/03/23 19:18	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/03/23 09:13	08/03/23 19:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*08/03/23 09:13*	*08/03/23 19:18*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*08/03/23 09:13*	*08/03/23 19:18*	*1*

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31571-1
SDG: Lea County, NM

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

Lab Sample ID: 880-31571-6
Matrix: Solid
Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:28

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			08/03/23 20:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/03/23 21:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/03/23 08:35	08/03/23 18:28	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/03/23 08:35	08/03/23 18:28	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/03/23 08:35	08/03/23 18:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*75*		*70 - 130*	*08/03/23 08:35*	*08/03/23 18:28*	*1*
o-Terphenyl	*76*		*70 - 130*	*08/03/23 08:35*	*08/03/23 18:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**52.1**		4.96		mg/Kg			08/03/23 18:43	1

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

Lab Sample ID: 880-31571-7
Matrix: Solid
Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:28

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		08/03/23 09:13	08/03/23 19:38	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/03/23 09:13	08/03/23 19:38	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/03/23 09:13	08/03/23 19:38	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/03/23 09:13	08/03/23 19:38	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/03/23 09:13	08/03/23 19:38	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/03/23 09:13	08/03/23 19:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*08/03/23 09:13*	*08/03/23 19:38*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*08/03/23 09:13*	*08/03/23 19:38*	*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			08/03/23 20:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			08/03/23 21:18	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		08/03/23 08:35	08/03/23 18:50	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		08/03/23 08:35	08/03/23 18:50	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31571-1
SDG: Lea County, NM

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

Lab Sample ID: 880-31571-7
Date Collected: 08/01/23 00:00
Matrix: Solid
Date Received: 08/02/23 11:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		08/03/23 08:35	08/03/23 18:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*08/03/23 08:35*	*08/03/23 18:50*	*1*
o-Terphenyl	*97*		*70 - 130*	*08/03/23 08:35*	*08/03/23 18:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**41.5**		4.96		mg/Kg			08/03/23 18:48	1

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

Lab Sample ID: 880-31571-8
Date Collected: 08/01/23 00:00
Matrix: Solid
Date Received: 08/02/23 11:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/03/23 09:13	08/03/23 19:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/03/23 09:13	08/03/23 19:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/03/23 09:13	08/03/23 19:59	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/03/23 09:13	08/03/23 19:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/03/23 09:13	08/03/23 19:59	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/03/23 09:13	08/03/23 19:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*08/03/23 09:13*	*08/03/23 19:59*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*08/03/23 09:13*	*08/03/23 19:59*	*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			08/03/23 20:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			08/03/23 21:18	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		08/03/23 08:35	08/03/23 19:13	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		08/03/23 08:35	08/03/23 19:13	1
OII Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		08/03/23 08:35	08/03/23 19:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*08/03/23 08:35*	*08/03/23 19:13*	*1*
o-Terphenyl	*91*		*70 - 130*	*08/03/23 08:35*	*08/03/23 19:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**41.2**		4.98		mg/Kg			08/03/23 18:53	1

Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31571-1
SDG: Lea County, NM

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

Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:28

Lab Sample ID: 880-31571-9

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		08/03/23 09:13	08/03/23 20:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/03/23 09:13	08/03/23 20:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/03/23 09:13	08/03/23 20:20	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/03/23 09:13	08/03/23 20:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/03/23 09:13	08/03/23 20:20	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/03/23 09:13	08/03/23 20:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*08/03/23 09:13*	*08/03/23 20:20*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*08/03/23 09:13*	*08/03/23 20:20*	*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			08/04/23 10:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			08/03/23 21:18	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		08/03/23 08:35	08/03/23 19:35	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		08/03/23 08:35	08/03/23 19:35	1
OII Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		08/03/23 08:35	08/03/23 19:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*77*		*70 - 130*	*08/03/23 08:35*	*08/03/23 19:35*	*1*
o-Terphenyl	*81*		*70 - 130*	*08/03/23 08:35*	*08/03/23 19:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**86.9**		5.04		mg/Kg			08/03/23 18:58	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31571-1
SDG: Lea County, NM

Method: 8021B - Volatile Organic Compounds (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-31496-A-1-C MS	Matrix Spike	95	104
880-31496-A-1-D MSD	Matrix Spike Duplicate	95	104
880-31571-1	H-1 (0-0.5')	87	116
880-31571-2	H-2 (0-0.5')	84	113
880-31571-3	H-3 (0-0.5')	89	111
880-31571-4	H-4 (0-0.5')	95	113
880-31571-5	H-5 (0-0.5')	91	110
880-31571-6	H-6 (0-0.5')	97	113
880-31571-7	H-7 (0-0.5')	95	107
880-31571-8	H-8 (0-0.5')	98	113
880-31571-9	H-9 (0-0.5')	96	109
LCS 880-59182/1-A	Lab Control Sample	96	100
LCSD 880-59182/2-A	Lab Control Sample Dup	104	102
MB 880-59182/5-A	Method Blank	82	91

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-31571-1	H-1 (0-0.5')	97	100
880-31571-2	H-2 (0-0.5')	93	93
880-31571-3	H-3 (0-0.5')	92	92
880-31571-4	H-4 (0-0.5')	90	94
880-31571-5	H-5 (0-0.5')	84	85
880-31571-6	H-6 (0-0.5')	75	76
880-31571-7	H-7 (0-0.5')	93	97
880-31571-8	H-8 (0-0.5')	90	91
880-31571-9	H-9 (0-0.5')	77	81
890-5017-A-5-E MS	Matrix Spike	84	78
890-5017-A-5-F MSD	Matrix Spike Duplicate	84	78
LCS 880-59173/2-A	Lab Control Sample	104	92
LCSD 880-59173/3-A	Lab Control Sample Dup	88	82
MB 880-59173/1-A	Method Blank	105	115

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31571-1
SDG: Lea County, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-59182/5-A
Matrix: Solid
Analysis Batch: 59174

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 59182

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/03/23 09:13	08/03/23 11:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/03/23 09:13	08/03/23 11:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/03/23 09:13	08/03/23 11:50	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/03/23 09:13	08/03/23 11:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/03/23 09:13	08/03/23 11:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/03/23 09:13	08/03/23 11:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*	*08/03/23 09:13*	*08/03/23 11:50*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*08/03/23 09:13*	*08/03/23 11:50*	*1*

Lab Sample ID: LCS 880-59182/1-A
Matrix: Solid
Analysis Batch: 59174

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 59182

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08841		mg/Kg		88	70 - 130
Toluene	0.100	0.09644		mg/Kg		96	70 - 130
Ethylbenzene	0.100	0.08934		mg/Kg		89	70 - 130
m-Xylene & p-Xylene	0.200	0.1700		mg/Kg		85	70 - 130
o-Xylene	0.100	0.08597		mg/Kg		86	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 880-59182/2-A
Matrix: Solid
Analysis Batch: 59174

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 59182

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09240		mg/Kg		92	70 - 130	4	35
Toluene	0.100	0.1045		mg/Kg		105	70 - 130	8	35
Ethylbenzene	0.100	0.09817		mg/Kg		98	70 - 130	9	35
m-Xylene & p-Xylene	0.200	0.1889		mg/Kg		94	70 - 130	10	35
o-Xylene	0.100	0.09563		mg/Kg		96	70 - 130	11	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: 880-31496-A-1-C MS
Matrix: Solid
Analysis Batch: 59174

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 59182

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0996	0.07922		mg/Kg		80	70 - 130
Toluene	<0.00200	U	0.0996	0.08392		mg/Kg		84	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31571-1
SDG: Lea County, NM

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

Lab Sample ID: 880-31496-A-1-C MS
Matrix: Solid
Analysis Batch: 59174

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 59182

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.0996	0.07352		mg/Kg		74	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1	0.199	0.1374	F1	mg/Kg		69	70 - 130
o-Xylene	<0.00200	U F1	0.0996	0.06904	F1	mg/Kg		69	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: 880-31496-A-1-D MSD
Matrix: Solid
Analysis Batch: 59174

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 59182

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0994	0.08703		mg/Kg		88	70 - 130	9	35
Toluene	<0.00200	U	0.0994	0.09139		mg/Kg		92	70 - 130	9	35
Ethylbenzene	<0.00200	U	0.0994	0.07975		mg/Kg		80	70 - 130	8	35
m-Xylene & p-Xylene	<0.00399	U F1	0.199	0.1491		mg/Kg		75	70 - 130	8	35
o-Xylene	<0.00200	U F1	0.0994	0.07562		mg/Kg		76	70 - 130	9	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

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

Lab Sample ID: MB 880-59173/1-A
Matrix: Solid
Analysis Batch: 59168

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 59173

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		08/03/23 07:00	08/03/23 07:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/03/23 07:00	08/03/23 07:58	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/03/23 07:00	08/03/23 07:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 130*	*08/03/23 07:00*	*08/03/23 07:58*	*1*
o-Terphenyl	*115*		*70 - 130*	*08/03/23 07:00*	*08/03/23 07:58*	*1*

Lab Sample ID: LCS 880-59173/2-A
Matrix: Solid
Analysis Batch: 59168

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 59173

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	758.0		mg/Kg		76	70 - 130
Diesel Range Organics (Over C10-C28)	1000	903.1		mg/Kg		90	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31571-1
SDG: Lea County, NM

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

Lab Sample ID: LCS 880-59173/2-A
Matrix: Solid
Analysis Batch: 59168

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 59173

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	104		70 - 130
o-Terphenyl	92		70 - 130

Lab Sample ID: LCSD 880-59173/3-A
Matrix: Solid
Analysis Batch: 59168

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 59173

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	727.3		mg/Kg		73	70 - 130	4	20
Diesel Range Organics (Over C10-C28)			1000	850.8		mg/Kg		85	70 - 130	6	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	88		70 - 130
o-Terphenyl	82		70 - 130

Lab Sample ID: 890-5017-A-5-E MS
Matrix: Solid
Analysis Batch: 59168

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 59173

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	996	685.9	F1	mg/Kg		64	70 - 130		
Diesel Range Organics (Over C10-C28)	2580	F1	996	2899	F1	mg/Kg		32	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	84		70 - 130
o-Terphenyl	78		70 - 130

Lab Sample ID: 890-5017-A-5-F MSD
Matrix: Solid
Analysis Batch: 59168

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 59173

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	996	674.0	F1	mg/Kg		63	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	2580	F1	996	2914	F1	mg/Kg		33	70 - 130	1	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	84		70 - 130
o-Terphenyl	78		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31571-1
SDG: Lea County, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-59122/1-A
Matrix: Solid
Analysis Batch: 59258

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			08/03/23 17:44	1

Lab Sample ID: LCS 880-59122/2-A
Matrix: Solid
Analysis Batch: 59258

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	243.4		mg/Kg		97	90 - 110		

Lab Sample ID: LCSD 880-59122/3-A
Matrix: Solid
Analysis Batch: 59258

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	243.9		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 880-31571-1 MS
Matrix: Solid
Analysis Batch: 59258

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	45.8		251	284.4		mg/Kg		95	90 - 110		

Lab Sample ID: 880-31571-1 MSD
Matrix: Solid
Analysis Batch: 59258

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	45.8		251	284.1		mg/Kg		95	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31571-1
SDG: Lea County, NM

GC VOA

Analysis Batch: 59174

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31571-1	H-1 (0-0.5')	Total/NA	Solid	8021B	59182
880-31571-2	H-2 (0-0.5')	Total/NA	Solid	8021B	59182
880-31571-3	H-3 (0-0.5')	Total/NA	Solid	8021B	59182
880-31571-4	H-4 (0-0.5')	Total/NA	Solid	8021B	59182
880-31571-5	H-5 (0-0.5')	Total/NA	Solid	8021B	59182
880-31571-6	H-6 (0-0.5')	Total/NA	Solid	8021B	59182
880-31571-7	H-7 (0-0.5')	Total/NA	Solid	8021B	59182
880-31571-8	H-8 (0-0.5')	Total/NA	Solid	8021B	59182
880-31571-9	H-9 (0-0.5')	Total/NA	Solid	8021B	59182
MB 880-59182/5-A	Method Blank	Total/NA	Solid	8021B	59182
LCS 880-59182/1-A	Lab Control Sample	Total/NA	Solid	8021B	59182
LCSD 880-59182/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	59182
880-31496-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	59182
880-31496-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	59182

Prep Batch: 59182

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31571-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-31571-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-31571-3	H-3 (0-0.5')	Total/NA	Solid	5035	
880-31571-4	H-4 (0-0.5')	Total/NA	Solid	5035	
880-31571-5	H-5 (0-0.5')	Total/NA	Solid	5035	
880-31571-6	H-6 (0-0.5')	Total/NA	Solid	5035	
880-31571-7	H-7 (0-0.5')	Total/NA	Solid	5035	
880-31571-8	H-8 (0-0.5')	Total/NA	Solid	5035	
880-31571-9	H-9 (0-0.5')	Total/NA	Solid	5035	
MB 880-59182/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-59182/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-59182/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-31496-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
880-31496-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 59277

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31571-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-31571-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-31571-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-31571-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-31571-5	H-5 (0-0.5')	Total/NA	Solid	Total BTEX	
880-31571-6	H-6 (0-0.5')	Total/NA	Solid	Total BTEX	
880-31571-7	H-7 (0-0.5')	Total/NA	Solid	Total BTEX	
880-31571-8	H-8 (0-0.5')	Total/NA	Solid	Total BTEX	
880-31571-9	H-9 (0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 59168

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31571-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	59173
880-31571-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	59173
880-31571-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	59173

QC Association Summary

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31571-1
SDG: Lea County, NM

GC Semi VOA (Continued)

Analysis Batch: 59168 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31571-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	59173
880-31571-5	H-5 (0-0.5')	Total/NA	Solid	8015B NM	59173
880-31571-6	H-6 (0-0.5')	Total/NA	Solid	8015B NM	59173
880-31571-7	H-7 (0-0.5')	Total/NA	Solid	8015B NM	59173
880-31571-8	H-8 (0-0.5')	Total/NA	Solid	8015B NM	59173
880-31571-9	H-9 (0-0.5')	Total/NA	Solid	8015B NM	59173
MB 880-59173/1-A	Method Blank	Total/NA	Solid	8015B NM	59173
LCS 880-59173/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	59173
LCSD 880-59173/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	59173
890-5017-A-5-E MS	Matrix Spike	Total/NA	Solid	8015B NM	59173
890-5017-A-5-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	59173

Prep Batch: 59173

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31571-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-31571-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-31571-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-31571-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-31571-5	H-5 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-31571-6	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-31571-7	H-7 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-31571-8	H-8 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-31571-9	H-9 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-59173/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-59173/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-59173/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-5017-A-5-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-5017-A-5-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 59284

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31571-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-31571-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-31571-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-31571-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	
880-31571-5	H-5 (0-0.5')	Total/NA	Solid	8015 NM	
880-31571-6	H-6 (0-0.5')	Total/NA	Solid	8015 NM	
880-31571-7	H-7 (0-0.5')	Total/NA	Solid	8015 NM	
880-31571-8	H-8 (0-0.5')	Total/NA	Solid	8015 NM	
880-31571-9	H-9 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 59122

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31571-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-31571-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-31571-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-31571-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
880-31571-5	H-5 (0-0.5')	Soluble	Solid	DI Leach	
880-31571-6	H-6 (0-0.5')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31571-1
SDG: Lea County, NM

HPLC/IC (Continued)

Leach Batch: 59122 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31571-7	H-7 (0-0.5')	Soluble	Solid	DI Leach	
880-31571-8	H-8 (0-0.5')	Soluble	Solid	DI Leach	
880-31571-9	H-9 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-59122/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-59122/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-59122/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-31571-1 MS	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-31571-1 MSD	H-1 (0-0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 59258

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31571-1	H-1 (0-0.5')	Soluble	Solid	300.0	59122
880-31571-2	H-2 (0-0.5')	Soluble	Solid	300.0	59122
880-31571-3	H-3 (0-0.5')	Soluble	Solid	300.0	59122
880-31571-4	H-4 (0-0.5')	Soluble	Solid	300.0	59122
880-31571-5	H-5 (0-0.5')	Soluble	Solid	300.0	59122
880-31571-6	H-6 (0-0.5')	Soluble	Solid	300.0	59122
880-31571-7	H-7 (0-0.5')	Soluble	Solid	300.0	59122
880-31571-8	H-8 (0-0.5')	Soluble	Solid	300.0	59122
880-31571-9	H-9 (0-0.5')	Soluble	Solid	300.0	59122
MB 880-59122/1-A	Method Blank	Soluble	Solid	300.0	59122
LCS 880-59122/2-A	Lab Control Sample	Soluble	Solid	300.0	59122
LCSD 880-59122/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	59122
880-31571-1 MS	H-1 (0-0.5')	Soluble	Solid	300.0	59122
880-31571-1 MSD	H-1 (0-0.5')	Soluble	Solid	300.0	59122

Lab Chronicle

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31571-1
SDG: Lea County, NM

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

Lab Sample ID: 880-31571-1
Matrix: Solid
Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:28

Prep 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	59182	08/03/23 09:13	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59174	08/03/23 17:34	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59277	08/03/23 20:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			59284	08/03/23 21:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	59173	08/03/23 08:35	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59168	08/03/23 16:28	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	59122	08/02/23 14:34	KS	EET MID
Soluble	Analysis	300.0		1			59258	08/03/23 17:58	CH	EET MID

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

Lab Sample ID: 880-31571-2
Matrix: Solid
Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:28

Prep 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	59182	08/03/23 09:13	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59174	08/03/23 17:55	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59277	08/03/23 20:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			59284	08/03/23 21:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	59173	08/03/23 08:35	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59168	08/03/23 16:53	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	59122	08/02/23 14:34	KS	EET MID
Soluble	Analysis	300.0		1			59258	08/03/23 18:13	CH	EET MID

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

Lab Sample ID: 880-31571-3
Matrix: Solid
Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:28

Prep 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	59182	08/03/23 09:13	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59174	08/03/23 18:15	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59277	08/03/23 20:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			59284	08/03/23 21:18	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	59173	08/03/23 08:35	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59168	08/03/23 17:18	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	59122	08/02/23 14:34	KS	EET MID
Soluble	Analysis	300.0		1			59258	08/03/23 18:18	CH	EET MID

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

Lab Sample ID: 880-31571-4
Matrix: Solid
Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:28

Prep 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	59182	08/03/23 09:13	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59174	08/03/23 18:36	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59277	08/03/23 20:36	SM	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31571-1
SDG: Lea County, NM

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

Lab Sample ID: 880-31571-4
Matrix: Solid
Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:28

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			59284	08/03/23 21:18	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	59173	08/03/23 08:35	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59168	08/03/23 17:42	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	59122	08/02/23 14:34	KS	EET MID
Soluble	Analysis	300.0		1			59258	08/03/23 18:23	CH	EET MID

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

Lab Sample ID: 880-31571-5
Matrix: Solid
Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:28

Prep 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	59182	08/03/23 09:13	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59174	08/03/23 18:57	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59277	08/03/23 20:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			59284	08/03/23 21:18	SM	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	59173	08/03/23 08:35	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59168	08/03/23 18:05	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	59122	08/02/23 14:34	KS	EET MID
Soluble	Analysis	300.0		1			59258	08/03/23 18:28	CH	EET MID

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

Lab Sample ID: 880-31571-6
Matrix: Solid
Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:28

Prep 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	59182	08/03/23 09:13	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59174	08/03/23 19:18	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59277	08/03/23 20:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			59284	08/03/23 21:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	59173	08/03/23 08:35	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59168	08/03/23 18:28	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	59122	08/02/23 14:34	KS	EET MID
Soluble	Analysis	300.0		1			59258	08/03/23 18:43	CH	EET MID

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

Lab Sample ID: 880-31571-7
Matrix: Solid
Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:28

Prep 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	59182	08/03/23 09:13	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59174	08/03/23 19:38	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59277	08/03/23 20:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			59284	08/03/23 21:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	59173	08/03/23 08:35	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59168	08/03/23 18:50	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31571-1
SDG: Lea County, NM

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

Lab Sample ID: 880-31571-7
Matrix: Solid
Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:28

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	59122	08/02/23 14:34	KS	EET MID
Soluble	Analysis	300.0		1			59258	08/03/23 18:48	CH	EET MID

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

Lab Sample ID: 880-31571-8
Matrix: Solid
Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:28

Prep 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	59182	08/03/23 09:13	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59174	08/03/23 19:59	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59277	08/03/23 20:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			59284	08/03/23 21:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	59173	08/03/23 08:35	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59168	08/03/23 19:13	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	59122	08/02/23 14:34	KS	EET MID
Soluble	Analysis	300.0		1			59258	08/03/23 18:53	CH	EET MID

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

Lab Sample ID: 880-31571-9
Matrix: Solid
Date Collected: 08/01/23 00:00
Date Received: 08/02/23 11:28

Prep 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	59182	08/03/23 09:13	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59174	08/03/23 20:20	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59277	08/04/23 10:07	SM	EET MID
Total/NA	Analysis	8015 NM		1			59284	08/03/23 21:18	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	59173	08/03/23 08:35	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59168	08/03/23 19:35	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	59122	08/02/23 14:34	KS	EET MID
Soluble	Analysis	300.0		1			59258	08/03/23 18:58	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: Ross Draw Reuse Pit Layflat

Job ID: 880-31571-1
SDG: Lea County, NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-23-26	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	OII 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: Ross Draw Reuse Pit Layflat

Job ID: 880-31571-1
SDG: Lea County, NM

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-31571-1
SDG: Lea County, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-31571-1	H-1 (0-0.5')	Solid	08/01/23 00:00	08/02/23 11:28
880-31571-2	H-2 (0-0.5')	Solid	08/01/23 00:00	08/02/23 11:28
880-31571-3	H-3 (0-0.5')	Solid	08/01/23 00:00	08/02/23 11:28
880-31571-4	H-4 (0-0.5')	Solid	08/01/23 00:00	08/02/23 11:28
880-31571-5	H-5 (0-0.5')	Solid	08/01/23 00:00	08/02/23 11:28
880-31571-6	H-6 (0-0.5')	Solid	08/01/23 00:00	08/02/23 11:28
880-31571-7	H-7 (0-0.5')	Solid	08/01/23 00:00	08/02/23 11:28
880-31571-8	H-8 (0-0.5')	Solid	08/01/23 00:00	08/02/23 11:28
880-31571-9	H-9 (0-0.5')	Solid	08/01/23 00:00	08/02/23 11:28

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8/4/2023

880-31571 Chain of Custody

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 ☐ rownfields ☐ RC ☐ perfund ☐

State of Project:

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

Deliverables EDD ☐ ADaPT ☐ Other

Project Name.	Ross Draw Reuse Pit Layflat	Turn Around	
Project Number	2106	☐ Routine ☑ Rush	
Project Location	Lea County, NM	Due Date	72Hrs
Sampler's Name	DD & JR	72-hour TAT	
PO #			

SAMPLE RECEIPT			
Temp Blank.	Yes No	Wet Ice	Yes No
Received Intact:	Yes No	Thermometer ID	IR8
Cooler Custody Seals	Yes No N/A	Correction Factor	-.3
Sample Custody Seals	Yes No N/A	Temperature Reading	2.3
Total Containers		Corrected Temperature	2.0

Preservative Codes

None NO DI Water H_2O

Cool Cool MeOH Me

HCL. HC HNO_3. HN

H_2S0_4 H_2 NaOH Na

H_3PO_4 HP

$NaHSO_4$ NABIS

$Na_2S_2O_3$. $NaSO_3$

Zn Acetate+NaOH Zn

NaOH+Ascorbic Acid SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
H-1 (0-0.5')	8/1/2023		X		Grab	1		X	X	X	
H-2 (0-0.5')	8/1/2023		X		Grab	1		X	X	X	
H-3 (0-0.5')	8/1/2023		X		Grab	1		X	X	X	
H-4 (0-0 5')	8/1/2023		X		Grab	1		X	X	X	
H-5 (0-0.5')	8/1/2023		X		Grab	1		X	X	X	
H-6 (0-0 5')	8/1/2023		X		Grab	1		X	X	X	
H-7 (0-0.5')	8/1/2023		X		Grab	1		X	X	X	
H-8 (0-0 5')	8/1/2023		X		Grab	1		X	X	X	
H-9 (0-0 5')	8/1/2023		X		Grab	1		X	X	X	

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

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
Amanda Ross	8-2-23 1124		

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Received by OCD: 6/8/2026 3:06:29 PM

Released to Imaging: 6/15/2026 3:41:09 PM

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-31571-1
SDG Number: Lea County, NM

Login Number: 31571
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Devin Dominguez
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 11/22/2023 11:27:57 AM

JOB DESCRIPTION

Ross Draw Reuse Pit Layflat
Eddy County, NM

JOB NUMBER

880-35979-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 6/15/2026 3:41:09 PM

my EOL

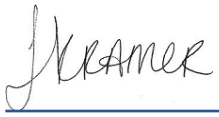
Eurofins Midland

Job Notes

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

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

Authorization



Generated
11/22/2023 11:27:57 AM

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

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Laboratory Job ID: 880-35979-1
SDG: Eddy County, NM

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Job ID: 880-35979-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-35979-1

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

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

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

Receipt
The samples were received on 11/17/2023 4:43 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 -8.1°C

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: CS-1 (4.5') (880-35979-1), CS-2 (4.5') (880-35979-2), CS-3 (4.5') (880-35979-3), CS-4 (4.5') (880-35979-4), CS-5 (4.5') (880-35979-5), CS-6 (3.0') (880-35979-6), CS-7 (3.0') (880-35979-7), CS-8 (3.0') (880-35979-8), CS-9 (3.0') (880-35979-9), CS-10 (3.0') (880-35979-10), CS-11 (2.0') (880-35979-11), CS-12 (2.0') (880-35979-12), CS-13 (2.0') (880-35979-13), CS-14 (2.0') (880-35979-14), CS-15 (2.0') (880-35979-15), CS-16 (2.0') (880-35979-16), CS-17 (2.0') (880-35979-17), CS-18 (2.0') (880-35979-18), CS-19 (2.0') (880-35979-19), CS-20 (3.0') (880-35979-20), CS-21 (2.0') (880-35979-21), CS-22 (2.0') (880-35979-22), CS-23 (2.0') (880-35979-23), SW-1 (4.5') (880-35979-24), SW-2 (4.5') (880-35979-25), SW-3 (4.5') (880-35979-26), SW-4 (4.5') (880-35979-27), SW-5 (1.5') (880-35979-28), SW-6 (3.0') (880-35979-29), SW-7 (1.0') (880-35979-30), SW-8 (1.0') (880-35979-31), SW-9 (2.0') (880-35979-32), SW-10 (2.0') (880-35979-33), SW-11 (2.0') (880-35979-34), SW-12 (2.0') (880-35979-35), SW-13 (2.0') (880-35979-36), SW-14 (2.0') (880-35979-37), SW-15 (2.0') (880-35979-38), SW-16 (2.0') (880-35979-39), SW-17 (2.0') (880-35979-40) and SW-18 (2.0') (880-35979-41).

GC VOA
Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-67387 and analytical batch 880-67369 was outside the upper control limits.

Method 8021B: The spiking solution was inadvertently omitted during the extraction process for the matrix spike duplicate (MSD) associated with preparation batch 880-67375; therefore, percent recoveries are unavailable.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-67383 and analytical batch 880-67367 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS-21 (2.0') (880-35979-21), CS-22 (2.0') (880-35979-22), CS-23 (2.0') (880-35979-23), SW-1 (4.5') (880-35979-24), SW-2 (4.5') (880-35979-25), SW-3 (4.5') (880-35979-26), SW-4 (4.5') (880-35979-27), SW-5 (1.5') (880-35979-28), SW-6 (3.0') (880-35979-29), SW-7 (1.0') (880-35979-30), (CCV 880-67367/2), (CCV 880-67367/20), (LCS 880-67383/1-A), (LCSD 880-67383/2-A), (880-35979-A-21-D MS) and (880-35979-A-21-E MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-67371 and analytical batch 880-67369 was outside the upper control limits.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-67369 recovered above the upper control limit for m-Xylene & p-Xylene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 880-67369/20).

Case Narrative

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Job ID: 880-35979-1 (Continued)

Laboratory: Eurofins Midland (Continued)

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-67438 and analytical batch 880-67556 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SW-13 (2.0') (880-35979-36). 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 880-67580 and analytical batch 880-67556 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.

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-5 (4.5') (880-35979-5), CS-8 (3.0') (880-35979-8) and CS-11 (2.0') (880-35979-11). 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: CS-15 (2.0') (880-35979-15), CS-16 (2.0') (880-35979-16), CS-17 (2.0') (880-35979-17) and CS-18 (2.0') (880-35979-18). 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: CS-20 (3.0') (880-35979-20) and (880-35979-A-20-F MS). 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 880-67406 and analytical batch 880-67360 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-22 (2.0') (880-35979-22), CS-23 (2.0') (880-35979-23), SW-1 (4.5') (880-35979-24), SW-2 (4.5') (880-35979-25), SW-3 (4.5') (880-35979-26), SW-4 (4.5') (880-35979-27), SW-5 (1.5') (880-35979-28), SW-6 (3.0') (880-35979-29), SW-7 (1.0') (880-35979-30), SW-8 (1.0') (880-35979-31), SW-9 (2.0') (880-35979-32), SW-10 (2.0') (880-35979-33), SW-11 (2.0') (880-35979-34), SW-13 (2.0') (880-35979-36), SW-14 (2.0') (880-35979-37), SW-15 (2.0') (880-35979-38) and SW-16 (2.0') (880-35979-39). 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 880-67406 and analytical batch 880-67360 was outside control limits. Sample non-homogeneity is suspected.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-67421 and analytical batch 880-67486 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SW-17 (2.0') (880-35979-40), SW-18 (2.0') (880-35979-41), (880-35979-A-40-D MS) and (880-35979-A-40-E MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-67486 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). Since an acceptable CCV was ran within the 12 hour window, the data has been qualified and reported. The associated sample is impacted: (CCV 880-67486/5).

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 for preparation batch 880-67365 and analytical batch 880-67552 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference

Case Narrative

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Job ID: 880-35979-1 (Continued)

Laboratory: Eurofins Midland (Continued)

and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

The associated samples are: CS-11 (2.0') (880-35979-11), CS-12 (2.0') (880-35979-12), CS-13 (2.0') (880-35979-13), CS-14 (2.0') (880-35979-14), CS-15 (2.0') (880-35979-15), CS-16 (2.0') (880-35979-16), CS-17 (2.0') (880-35979-17), CS-18 (2.0') (880-35979-18), CS-19 (2.0') (880-35979-19), CS-20 (3.0') (880-35979-20), (CCB 880-67552/14), (880-35979-A-11-B MS) and (880-35979-A-11-C MSD).

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

Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Client Sample ID: CS-1 (4.5')

Lab Sample ID: 880-35979-1
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U F1 F2	0.00198		mg/Kg		11/20/23 09:48	11/20/23 16:58	1
Toluene	<0.00198	U F1	0.00198		mg/Kg		11/20/23 09:48	11/20/23 16:58	1
Ethylbenzene	<0.00198	U F1	0.00198		mg/Kg		11/20/23 09:48	11/20/23 16:58	1
m-Xylene & p-Xylene	<0.00396	U F1	0.00396		mg/Kg		11/20/23 09:48	11/20/23 16:58	1
o-Xylene	<0.00198	U F1	0.00198		mg/Kg		11/20/23 09:48	11/20/23 16:58	1
Xylenes, Total	<0.00396	U F1	0.00396		mg/Kg		11/20/23 09:48	11/20/23 16:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*	*11/20/23 09:48*	*11/20/23 16:58*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*11/20/23 09:48*	*11/20/23 16:58*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			11/20/23 16:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			11/20/23 12:30	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	<50.5	U	50.5		mg/Kg		11/20/23 10:01	11/20/23 12:30	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		11/20/23 10:01	11/20/23 12:30	1
OII Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		11/20/23 10:01	11/20/23 12:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*114*		*70 - 130*	*11/20/23 10:01*	*11/20/23 12:30*	*1*
o-Terphenyl	*123*		*70 - 130*	*11/20/23 10:01*	*11/20/23 12:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3790**		25.0		mg/Kg			11/21/23 02:20	5

Client Sample ID: CS-2 (4.5')

Lab Sample ID: 880-35979-2
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/20/23 09:48	11/20/23 12:12	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/20/23 09:48	11/20/23 12:12	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/20/23 09:48	11/20/23 12:12	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/20/23 09:48	11/20/23 12:12	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/20/23 09:48	11/20/23 12:12	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/20/23 09:48	11/20/23 12:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*77*		*70 - 130*	*11/20/23 09:48*	*11/20/23 12:12*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*11/20/23 09:48*	*11/20/23 12:12*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Client Sample ID: CS-2 (4.5')

Lab Sample ID: 880-35979-2
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			11/20/23 12:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			11/20/23 12:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		11/20/23 10:01	11/20/23 12:54	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		11/20/23 10:01	11/20/23 12:54	1
OII Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		11/20/23 10:01	11/20/23 12:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*123*		*70 - 130*	*11/20/23 10:01*	*11/20/23 12:54*	*1*
o-Terphenyl	*129*		*70 - 130*	*11/20/23 10:01*	*11/20/23 12:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6950**		99.8		mg/Kg			11/21/23 02:38	20

Client Sample ID: CS-3 (4.5')

Lab Sample ID: 880-35979-3
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		11/20/23 09:48	11/20/23 12:32	1
Toluene	<0.00202	U	0.00202		mg/Kg		11/20/23 09:48	11/20/23 12:32	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		11/20/23 09:48	11/20/23 12:32	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		11/20/23 09:48	11/20/23 12:32	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		11/20/23 09:48	11/20/23 12:32	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		11/20/23 09:48	11/20/23 12:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*11/20/23 09:48*	*11/20/23 12:32*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*11/20/23 09:48*	*11/20/23 12:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			11/20/23 12:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			11/20/23 13:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		11/20/23 10:01	11/20/23 13:16	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		11/20/23 10:01	11/20/23 13:16	1

Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Client Sample ID: CS-3 (4.5')

Lab Sample ID: 880-35979-3
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		11/20/23 10:01	11/20/23 13:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*114*		*70 - 130*	*11/20/23 10:01*	*11/20/23 13:16*	*1*
o-Terphenyl	*120*		*70 - 130*	*11/20/23 10:01*	*11/20/23 13:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6230**		50.4		mg/Kg			11/21/23 02:44	10

Client Sample ID: CS-4 (4.5')

Lab Sample ID: 880-35979-4
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/20/23 09:48	11/20/23 12:55	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/20/23 09:48	11/20/23 12:55	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/20/23 09:48	11/20/23 12:55	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/20/23 09:48	11/20/23 12:55	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/20/23 09:48	11/20/23 12:55	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/20/23 09:48	11/20/23 12:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*11/20/23 09:48*	*11/20/23 12:55*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*11/20/23 09:48*	*11/20/23 12:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			11/20/23 12:55	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			11/20/23 13:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		11/20/23 10:01	11/20/23 13:39	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		11/20/23 10:01	11/20/23 13:39	1
OII Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		11/20/23 10:01	11/20/23 13:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*124*		*70 - 130*	*11/20/23 10:01*	*11/20/23 13:39*	*1*
o-Terphenyl	*130*		*70 - 130*	*11/20/23 10:01*	*11/20/23 13:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5900**		49.8		mg/Kg			11/21/23 03:01	10

Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Client Sample ID: CS-5 (4.5')

Lab Sample ID: 880-35979-5
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/20/23 09:48	11/20/23 13:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/20/23 09:48	11/20/23 13:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/20/23 09:48	11/20/23 13:15	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/20/23 09:48	11/20/23 13:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/20/23 09:48	11/20/23 13:15	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/20/23 09:48	11/20/23 13:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*11/20/23 09:48*	*11/20/23 13:15*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*11/20/23 09:48*	*11/20/23 13:15*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/20/23 13:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			11/20/23 14:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		11/20/23 10:01	11/20/23 14:02	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		11/20/23 10:01	11/20/23 14:02	1
OII Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		11/20/23 10:01	11/20/23 14:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*142*	*S1+*	*70 - 130*	*11/20/23 10:01*	*11/20/23 14:02*	*1*
o-Terphenyl	*152*	*S1+*	*70 - 130*	*11/20/23 10:01*	*11/20/23 14:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6230**		50.4		mg/Kg			11/21/23 03:07	10

Client Sample ID: CS-6 (3.0')

Lab Sample ID: 880-35979-6
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		11/20/23 09:48	11/20/23 13:36	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/20/23 09:48	11/20/23 13:36	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/20/23 09:48	11/20/23 13:36	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		11/20/23 09:48	11/20/23 13:36	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/20/23 09:48	11/20/23 13:36	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		11/20/23 09:48	11/20/23 13:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*11/20/23 09:48*	*11/20/23 13:36*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*11/20/23 09:48*	*11/20/23 13:36*	*1*

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Client Sample ID: CS-6 (3.0')

Lab Sample ID: 880-35979-6
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			11/20/23 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			11/20/23 14:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		11/20/23 10:01	11/20/23 14:24	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		11/20/23 10:01	11/20/23 14:24	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/20/23 10:01	11/20/23 14:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*118*		*70 - 130*	*11/20/23 10:01*	*11/20/23 14:24*	*1*
o-Terphenyl	*124*		*70 - 130*	*11/20/23 10:01*	*11/20/23 14:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.45**		4.95		mg/Kg			11/21/23 03:13	1

Client Sample ID: CS-7 (3.0')

Lab Sample ID: 880-35979-7
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		11/20/23 09:48	11/20/23 13:56	1
Toluene	<0.00202	U	0.00202		mg/Kg		11/20/23 09:48	11/20/23 13:56	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		11/20/23 09:48	11/20/23 13:56	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		11/20/23 09:48	11/20/23 13:56	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		11/20/23 09:48	11/20/23 13:56	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		11/20/23 09:48	11/20/23 13:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*	*11/20/23 09:48*	*11/20/23 13:56*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*11/20/23 09:48*	*11/20/23 13:56*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			11/20/23 13:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			11/20/23 14:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		11/20/23 10:01	11/20/23 14:46	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		11/20/23 10:01	11/20/23 14:46	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Client Sample ID: CS-7 (3.0')

Lab Sample ID: 880-35979-7
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/20/23 10:01	11/20/23 14:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*112*		*70 - 130*	*11/20/23 10:01*	*11/20/23 14:46*	*1*
o-Terphenyl	*118*		*70 - 130*	*11/20/23 10:01*	*11/20/23 14:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.33**		4.97		mg/Kg			11/21/23 03:19	1

Client Sample ID: CS-8 (3.0')

Lab Sample ID: 880-35979-8
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/20/23 09:48	11/20/23 14:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/20/23 09:48	11/20/23 14:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/20/23 09:48	11/20/23 14:17	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/20/23 09:48	11/20/23 14:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/20/23 09:48	11/20/23 14:17	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/20/23 09:48	11/20/23 14:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*70 - 130*	*11/20/23 09:48*	*11/20/23 14:17*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*11/20/23 09:48*	*11/20/23 14:17*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			11/20/23 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/20/23 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/20/23 10:01	11/20/23 15:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/20/23 10:01	11/20/23 15:09	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/20/23 10:01	11/20/23 15:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*143*	*S1+*	*70 - 130*	*11/20/23 10:01*	*11/20/23 15:09*	*1*
o-Terphenyl	*150*	*S1+*	*70 - 130*	*11/20/23 10:01*	*11/20/23 15:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**37.4**		4.98		mg/Kg			11/21/23 03:25	1

Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Client Sample ID: CS-9 (3.0')

Lab Sample ID: 880-35979-9
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/20/23 09:48	11/20/23 14:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/20/23 09:48	11/20/23 14:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/20/23 09:48	11/20/23 14:37	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/20/23 09:48	11/20/23 14:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/20/23 09:48	11/20/23 14:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/20/23 09:48	11/20/23 14:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*	*11/20/23 09:48*	*11/20/23 14:37*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*11/20/23 09:48*	*11/20/23 14:37*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/20/23 14:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			11/20/23 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		11/20/23 10:01	11/20/23 15:31	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		11/20/23 10:01	11/20/23 15:31	1
OII Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		11/20/23 10:01	11/20/23 15:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*120*		*70 - 130*	*11/20/23 10:01*	*11/20/23 15:31*	*1*
o-Terphenyl	*128*		*70 - 130*	*11/20/23 10:01*	*11/20/23 15:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**162**		5.01		mg/Kg			11/21/23 03:31	1

Client Sample ID: CS-10 (3.0')

Lab Sample ID: 880-35979-10
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		11/20/23 09:48	11/20/23 15:35	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/20/23 09:48	11/20/23 15:35	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/20/23 09:48	11/20/23 15:35	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		11/20/23 09:48	11/20/23 15:35	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/20/23 09:48	11/20/23 15:35	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		11/20/23 09:48	11/20/23 15:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*	*11/20/23 09:48*	*11/20/23 15:35*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*11/20/23 09:48*	*11/20/23 15:35*	*1*

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Client Sample ID: CS-10 (3.0')

Lab Sample ID: 880-35979-10
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			11/20/23 15:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			11/20/23 16:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		11/20/23 10:01	11/20/23 16:15	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		11/20/23 10:01	11/20/23 16:15	1
OII Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		11/20/23 10:01	11/20/23 16:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*119*		*70 - 130*	*11/20/23 10:01*	*11/20/23 16:15*	*1*
o-Terphenyl	*129*		*70 - 130*	*11/20/23 10:01*	*11/20/23 16:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**54.9**		5.01		mg/Kg			11/21/23 03:37	1

Client Sample ID: CS-11 (2.0')

Lab Sample ID: 880-35979-11
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/20/23 09:48	11/20/23 17:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/20/23 09:48	11/20/23 17:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/20/23 09:48	11/20/23 17:18	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/20/23 09:48	11/20/23 17:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/20/23 09:48	11/20/23 17:18	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/20/23 09:48	11/20/23 17:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*70 - 130*	*11/20/23 09:48*	*11/20/23 17:18*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*11/20/23 09:48*	*11/20/23 17:18*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/20/23 17:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/20/23 16:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/20/23 10:01	11/20/23 16:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/20/23 10:01	11/20/23 16:37	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Client Sample ID: CS-11 (2.0')

Lab Sample ID: 880-35979-11
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/20/23 10:01	11/20/23 16:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*129*		*70 - 130*	*11/20/23 10:01*	*11/20/23 16:37*	*1*
o-Terphenyl	*138*	*S1+*	*70 - 130*	*11/20/23 10:01*	*11/20/23 16:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**34.9**	**F1**	5.03		mg/Kg			11/20/23 19:03	1

Client Sample ID: CS-12 (2.0')

Lab Sample ID: 880-35979-12
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		11/20/23 09:48	11/20/23 17:39	1
Toluene	<0.00202	U	0.00202		mg/Kg		11/20/23 09:48	11/20/23 17:39	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		11/20/23 09:48	11/20/23 17:39	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		11/20/23 09:48	11/20/23 17:39	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		11/20/23 09:48	11/20/23 17:39	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		11/20/23 09:48	11/20/23 17:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*11/20/23 09:48*	*11/20/23 17:39*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*11/20/23 09:48*	*11/20/23 17:39*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			11/20/23 17:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			11/20/23 17:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		11/20/23 10:01	11/20/23 17:00	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		11/20/23 10:01	11/20/23 17:00	1
OII Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		11/20/23 10:01	11/20/23 17:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*119*		*70 - 130*	*11/20/23 10:01*	*11/20/23 17:00*	*1*
o-Terphenyl	*126*		*70 - 130*	*11/20/23 10:01*	*11/20/23 17:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			11/20/23 19:20	1

Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Client Sample ID: CS-13 (2.0')

Lab Sample ID: 880-35979-13
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		11/20/23 09:48	11/20/23 18:00	1
Toluene	<0.00202	U	0.00202		mg/Kg		11/20/23 09:48	11/20/23 18:00	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		11/20/23 09:48	11/20/23 18:00	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		11/20/23 09:48	11/20/23 18:00	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		11/20/23 09:48	11/20/23 18:00	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		11/20/23 09:48	11/20/23 18:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*	*11/20/23 09:48*	*11/20/23 18:00*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*11/20/23 09:48*	*11/20/23 18:00*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			11/20/23 18:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			11/20/23 17:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		11/20/23 10:01	11/20/23 17:22	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		11/20/23 10:01	11/20/23 17:22	1
OII Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		11/20/23 10:01	11/20/23 17:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*124*		*70 - 130*	*11/20/23 10:01*	*11/20/23 17:22*	*1*
o-Terphenyl	*130*		*70 - 130*	*11/20/23 10:01*	*11/20/23 17:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6.42**		4.97		mg/Kg			11/20/23 19:26	1

Client Sample ID: CS-14 (2.0')

Lab Sample ID: 880-35979-14
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/20/23 09:48	11/20/23 18:20	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/20/23 09:48	11/20/23 18:20	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/20/23 09:48	11/20/23 18:20	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/20/23 09:48	11/20/23 18:20	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/20/23 09:48	11/20/23 18:20	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/20/23 09:48	11/20/23 18:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*11/20/23 09:48*	*11/20/23 18:20*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*11/20/23 09:48*	*11/20/23 18:20*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Client Sample ID: CS-14 (2.0')

Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Lab Sample ID: 880-35979-14
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/20/23 18:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			11/20/23 17:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		11/20/23 10:01	11/20/23 17:44	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		11/20/23 10:01	11/20/23 17:44	1
OII Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		11/20/23 10:01	11/20/23 17:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*118*		*70 - 130*	*11/20/23 10:01*	*11/20/23 17:44*	*1*
o-Terphenyl	*123*		*70 - 130*	*11/20/23 10:01*	*11/20/23 17:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.04	U	5.04		mg/Kg			11/20/23 19:32	1

Client Sample ID: CS-15 (2.0')

Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Lab Sample ID: 880-35979-15
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		11/20/23 09:48	11/20/23 18:41	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/20/23 09:48	11/20/23 18:41	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/20/23 09:48	11/20/23 18:41	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		11/20/23 09:48	11/20/23 18:41	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/20/23 09:48	11/20/23 18:41	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		11/20/23 09:48	11/20/23 18:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*81*		*70 - 130*	*11/20/23 09:48*	*11/20/23 18:41*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*11/20/23 09:48*	*11/20/23 18:41*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			11/20/23 18:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			11/20/23 18:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		11/20/23 10:01	11/20/23 18:07	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		11/20/23 10:01	11/20/23 18:07	1

Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Client Sample ID: CS-15 (2.0')

Lab Sample ID: 880-35979-15
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		11/20/23 10:01	11/20/23 18:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*133*	*S1+*	*70 - 130*	*11/20/23 10:01*	*11/20/23 18:07*	*1*
o-Terphenyl	*136*	*S1+*	*70 - 130*	*11/20/23 10:01*	*11/20/23 18:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.02	U	5.02		mg/Kg			11/20/23 19:38	1

Client Sample ID: CS-16 (2.0')

Lab Sample ID: 880-35979-16
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/20/23 09:48	11/20/23 19:01	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/20/23 09:48	11/20/23 19:01	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/20/23 09:48	11/20/23 19:01	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/20/23 09:48	11/20/23 19:01	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/20/23 09:48	11/20/23 19:01	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/20/23 09:48	11/20/23 19:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*11/20/23 09:48*	*11/20/23 19:01*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*11/20/23 09:48*	*11/20/23 19:01*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			11/20/23 19:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/20/23 18:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/20/23 10:01	11/20/23 18:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/20/23 10:01	11/20/23 18:29	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/20/23 10:01	11/20/23 18:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*144*	*S1+*	*70 - 130*	*11/20/23 10:01*	*11/20/23 18:29*	*1*
o-Terphenyl	*150*	*S1+*	*70 - 130*	*11/20/23 10:01*	*11/20/23 18:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**158**		5.05		mg/Kg			11/20/23 19:56	1

Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Client Sample ID: CS-17 (2.0')

Lab Sample ID: 880-35979-17
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		11/20/23 09:48	11/20/23 19:22	1
Toluene	<0.00202	U	0.00202		mg/Kg		11/20/23 09:48	11/20/23 19:22	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		11/20/23 09:48	11/20/23 19:22	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		11/20/23 09:48	11/20/23 19:22	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		11/20/23 09:48	11/20/23 19:22	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		11/20/23 09:48	11/20/23 19:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*11/20/23 09:48*	*11/20/23 19:22*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*11/20/23 09:48*	*11/20/23 19:22*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			11/20/23 19:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			11/20/23 18:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		11/20/23 10:01	11/20/23 18:51	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		11/20/23 10:01	11/20/23 18:51	1
OII Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		11/20/23 10:01	11/20/23 18:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*129*		*70 - 130*	*11/20/23 10:01*	*11/20/23 18:51*	*1*
o-Terphenyl	*137*	*S1+*	*70 - 130*	*11/20/23 10:01*	*11/20/23 18:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**58.0**		5.04		mg/Kg			11/20/23 20:02	1

Client Sample ID: CS-18 (2.0')

Lab Sample ID: 880-35979-18
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/20/23 09:48	11/20/23 19:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/20/23 09:48	11/20/23 19:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/20/23 09:48	11/20/23 19:43	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/20/23 09:48	11/20/23 19:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/20/23 09:48	11/20/23 19:43	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/20/23 09:48	11/20/23 19:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*81*		*70 - 130*	*11/20/23 09:48*	*11/20/23 19:43*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*11/20/23 09:48*	*11/20/23 19:43*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Client Sample ID: CS-18 (2.0')

Lab Sample ID: 880-35979-18
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			11/20/23 19:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/20/23 19:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/20/23 10:01	11/20/23 19:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/20/23 10:01	11/20/23 19:14	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/20/23 10:01	11/20/23 19:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*149*	*S1+*	*70 - 130*	*11/20/23 10:01*	*11/20/23 19:14*	*1*
o-Terphenyl	*152*	*S1+*	*70 - 130*	*11/20/23 10:01*	*11/20/23 19:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**54.2**		4.99		mg/Kg			11/20/23 20:08	1

Client Sample ID: CS-19 (2.0')

Lab Sample ID: 880-35979-19
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/20/23 09:48	11/20/23 20:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/20/23 09:48	11/20/23 20:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/20/23 09:48	11/20/23 20:03	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/20/23 09:48	11/20/23 20:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/20/23 09:48	11/20/23 20:03	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/20/23 09:48	11/20/23 20:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*11/20/23 09:48*	*11/20/23 20:03*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*11/20/23 09:48*	*11/20/23 20:03*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/20/23 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	<50.1	U	50.1		mg/Kg			11/20/23 19:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		11/20/23 10:01	11/20/23 19:37	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		11/20/23 10:01	11/20/23 19:37	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Client Sample ID: CS-19 (2.0')

Lab Sample ID: 880-35979-19
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		11/20/23 10:01	11/20/23 19:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*11/20/23 10:01*	*11/20/23 19:37*	*1*
o-Terphenyl	*102*		*70 - 130*	*11/20/23 10:01*	*11/20/23 19:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**246**		4.96		mg/Kg			11/20/23 20:14	1

Client Sample ID: CS-20 (3.0')

Lab Sample ID: 880-35979-20
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/20/23 11:06	11/21/23 11:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/20/23 11:06	11/21/23 11:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/20/23 11:06	11/21/23 11:02	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/20/23 11:06	11/21/23 11:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/20/23 11:06	11/21/23 11:02	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/20/23 11:06	11/21/23 11:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*11/20/23 11:06*	*11/21/23 11:02*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*11/20/23 11:06*	*11/21/23 11:02*	*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			11/21/23 11:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			11/20/23 21:31	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	<49.8	U F2	49.8		mg/Kg		11/20/23 12:11	11/20/23 21:31	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		11/20/23 12:11	11/20/23 21:31	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/20/23 12:11	11/20/23 21:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*139*	*S1+*	*70 - 130*	*11/20/23 12:11*	*11/20/23 21:31*	*1*
o-Terphenyl	*148*	*S1+*	*70 - 130*	*11/20/23 12:11*	*11/20/23 21:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**210**		5.01		mg/Kg			11/20/23 20:20	1

Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Client Sample ID: CS-21 (2.0')

Lab Sample ID: 880-35979-21
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		11/20/23 10:12	11/20/23 12:17	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/20/23 10:12	11/20/23 12:17	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/20/23 10:12	11/20/23 12:17	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		11/20/23 10:12	11/20/23 12:17	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/20/23 10:12	11/20/23 12:17	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		11/20/23 10:12	11/20/23 12:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*177*	*S1+*	*70 - 130*	*11/20/23 10:12*	*11/20/23 12:17*	*1*
1,4-Difluorobenzene (Surr)	*70*		*70 - 130*	*11/20/23 10:12*	*11/20/23 12:17*	*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			11/20/23 12:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			11/20/23 22:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		11/20/23 12:11	11/20/23 22:37	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		11/20/23 12:11	11/20/23 22:37	1
OII Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		11/20/23 12:11	11/20/23 22:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*121*		*70 - 130*	*11/20/23 12:11*	*11/20/23 22:37*	*1*
o-Terphenyl	*130*		*70 - 130*	*11/20/23 12:11*	*11/20/23 22:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			11/20/23 20:25	1

Client Sample ID: CS-22 (2.0')

Lab Sample ID: 880-35979-22
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		11/20/23 10:12	11/20/23 12:44	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/20/23 10:12	11/20/23 12:44	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/20/23 10:12	11/20/23 12:44	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		11/20/23 10:12	11/20/23 12:44	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/20/23 10:12	11/20/23 12:44	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		11/20/23 10:12	11/20/23 12:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*242*	*S1+*	*70 - 130*	*11/20/23 10:12*	*11/20/23 12:44*	*1*
1,4-Difluorobenzene (Surr)	*78*		*70 - 130*	*11/20/23 10:12*	*11/20/23 12:44*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Client Sample ID: CS-22 (2.0')

Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Lab Sample ID: 880-35979-22
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			11/20/23 12:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			11/20/23 22:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		11/20/23 12:11	11/20/23 22:58	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		11/20/23 12:11	11/20/23 22:58	1
OII Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		11/20/23 12:11	11/20/23 22:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*130*		*70 - 130*	*11/20/23 12:11*	*11/20/23 22:58*	*1*
o-Terphenyl	*140*	*S1+*	*70 - 130*	*11/20/23 12:11*	*11/20/23 22:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			11/20/23 20:43	1

Client Sample ID: CS-23 (2.0')

Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Lab Sample ID: 880-35979-23
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		11/20/23 10:12	11/20/23 13:11	1
Toluene	<0.00202	U	0.00202		mg/Kg		11/20/23 10:12	11/20/23 13:11	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		11/20/23 10:12	11/20/23 13:11	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		11/20/23 10:12	11/20/23 13:11	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		11/20/23 10:12	11/20/23 13:11	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		11/20/23 10:12	11/20/23 13:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*194*	*S1+*	*70 - 130*	*11/20/23 10:12*	*11/20/23 13:11*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*11/20/23 10:12*	*11/20/23 13:11*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			11/20/23 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	<49.7	U	49.7		mg/Kg			11/20/23 23:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		11/20/23 12:11	11/20/23 23:19	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		11/20/23 12:11	11/20/23 23:19	1

Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Client Sample ID: CS-23 (2.0')

Lab Sample ID: 880-35979-23
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		11/20/23 12:11	11/20/23 23:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*134*	*S1+*	*70 - 130*	*11/20/23 12:11*	*11/20/23 23:19*	*1*
o-Terphenyl	*143*	*S1+*	*70 - 130*	*11/20/23 12:11*	*11/20/23 23:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.01	U	5.01		mg/Kg			11/20/23 20:49	1

Client Sample ID: SW-1 (4.5')

Lab Sample ID: 880-35979-24
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/20/23 10:12	11/20/23 13:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/20/23 10:12	11/20/23 13:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/20/23 10:12	11/20/23 13:37	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/20/23 10:12	11/20/23 13:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/20/23 10:12	11/20/23 13:37	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/20/23 10:12	11/20/23 13:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*268*	*S1+*	*70 - 130*	*11/20/23 10:12*	*11/20/23 13:37*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*11/20/23 10:12*	*11/20/23 13:37*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			11/20/23 13:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/20/23 23:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/20/23 12:11	11/20/23 23:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/20/23 12:11	11/20/23 23:41	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/20/23 12:11	11/20/23 23:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*125*		*70 - 130*	*11/20/23 12:11*	*11/20/23 23:41*	*1*
o-Terphenyl	*135*	*S1+*	*70 - 130*	*11/20/23 12:11*	*11/20/23 23:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.02	U	5.02		mg/Kg			11/20/23 21:07	1

Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Client Sample ID: SW-2 (4.5')

Lab Sample ID: 880-35979-25
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/20/23 10:12	11/20/23 14:03	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/20/23 10:12	11/20/23 14:03	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/20/23 10:12	11/20/23 14:03	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/20/23 10:12	11/20/23 14:03	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/20/23 10:12	11/20/23 14:03	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/20/23 10:12	11/20/23 14:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*234*	*S1+*	*70 - 130*	*11/20/23 10:12*	*11/20/23 14:03*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*11/20/23 10:12*	*11/20/23 14:03*	*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			11/20/23 14:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			11/21/23 00:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		11/20/23 12:11	11/21/23 00:02	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		11/20/23 12:11	11/21/23 00:02	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/20/23 12:11	11/21/23 00:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*123*		*70 - 130*	*11/20/23 12:11*	*11/21/23 00:02*	*1*
o-Terphenyl	*133*	*S1+*	*70 - 130*	*11/20/23 12:11*	*11/21/23 00:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**19.0**		5.03		mg/Kg			11/20/23 21:13	1

Client Sample ID: SW-3 (4.5')

Lab Sample ID: 880-35979-26
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/20/23 10:12	11/20/23 14:30	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/20/23 10:12	11/20/23 14:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/20/23 10:12	11/20/23 14:30	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/20/23 10:12	11/20/23 14:30	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/20/23 10:12	11/20/23 14:30	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/20/23 10:12	11/20/23 14:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*238*	*S1+*	*70 - 130*	*11/20/23 10:12*	*11/20/23 14:30*	*1*
1,4-Difluorobenzene (Surr)	*78*		*70 - 130*	*11/20/23 10:12*	*11/20/23 14:30*	*1*

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Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Client Sample ID: SW-3 (4.5')

Lab Sample ID: 880-35979-26
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/20/23 14:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			11/21/23 00:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		11/20/23 12:11	11/21/23 00:22	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		11/20/23 12:11	11/21/23 00:22	1
OII Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		11/20/23 12:11	11/21/23 00:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*136*	*S1+*	*70 - 130*	*11/20/23 12:11*	*11/21/23 00:22*	*1*
o-Terphenyl	*149*	*S1+*	*70 - 130*	*11/20/23 12:11*	*11/21/23 00:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.6**		5.00		mg/Kg			11/20/23 21:19	1

Client Sample ID: SW-4 (4.5')

Lab Sample ID: 880-35979-27
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		11/20/23 10:12	11/20/23 14:56	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/20/23 10:12	11/20/23 14:56	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/20/23 10:12	11/20/23 14:56	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		11/20/23 10:12	11/20/23 14:56	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/20/23 10:12	11/20/23 14:56	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		11/20/23 10:12	11/20/23 14:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*242*	*S1+*	*70 - 130*	*11/20/23 10:12*	*11/20/23 14:56*	*1*
1,4-Difluorobenzene (Surr)	*74*		*70 - 130*	*11/20/23 10:12*	*11/20/23 14:56*	*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			11/20/23 14:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			11/21/23 00:44	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	<50.4	U	50.4		mg/Kg		11/20/23 12:11	11/21/23 00:44	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		11/20/23 12:11	11/21/23 00:44	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Client Sample ID: SW-4 (4.5')

Lab Sample ID: 880-35979-27
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		11/20/23 12:11	11/21/23 00:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*131*	*S1+*	*70 - 130*	*11/20/23 12:11*	*11/21/23 00:44*	*1*
o-Terphenyl	*139*	*S1+*	*70 - 130*	*11/20/23 12:11*	*11/21/23 00:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.81**		4.99		mg/Kg			11/20/23 21:25	1

Client Sample ID: SW-5 (1.5')

Lab Sample ID: 880-35979-28
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/20/23 10:12	11/20/23 15:23	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/20/23 10:12	11/20/23 15:23	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/20/23 10:12	11/20/23 15:23	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/20/23 10:12	11/20/23 15:23	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/20/23 10:12	11/20/23 15:23	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/20/23 10:12	11/20/23 15:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*228*	*S1+*	*70 - 130*	*11/20/23 10:12*	*11/20/23 15:23*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*11/20/23 10:12*	*11/20/23 15:23*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			11/20/23 15:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			11/21/23 01:05	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	<50.5	U	50.5		mg/Kg		11/20/23 12:11	11/21/23 01:05	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		11/20/23 12:11	11/21/23 01:05	1
OII Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		11/20/23 12:11	11/21/23 01:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*134*	*S1+*	*70 - 130*	*11/20/23 12:11*	*11/21/23 01:05*	*1*
o-Terphenyl	*144*	*S1+*	*70 - 130*	*11/20/23 12:11*	*11/21/23 01:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.02	U	5.02		mg/Kg			11/20/23 21:30	1

Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Client Sample ID: SW-6 (3.0')

Lab Sample ID: 880-35979-29
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/20/23 10:12	11/20/23 15:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/20/23 10:12	11/20/23 15:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/20/23 10:12	11/20/23 15:49	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/20/23 10:12	11/20/23 15:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/20/23 10:12	11/20/23 15:49	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/20/23 10:12	11/20/23 15:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*233*	*S1+*	*70 - 130*	*11/20/23 10:12*	*11/20/23 15:49*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*11/20/23 10:12*	*11/20/23 15:49*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			11/20/23 15:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			11/21/23 01:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		11/20/23 12:11	11/21/23 01:26	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		11/20/23 12:11	11/21/23 01:26	1
OII Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		11/20/23 12:11	11/21/23 01:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*124*		*70 - 130*	*11/20/23 12:11*	*11/21/23 01:26*	*1*
o-Terphenyl	*134*	*S1+*	*70 - 130*	*11/20/23 12:11*	*11/21/23 01:26*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.66**		5.02		mg/Kg			11/20/23 21:36	1

Client Sample ID: SW-7 (1.0')

Lab Sample ID: 880-35979-30
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/20/23 10:12	11/20/23 16:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/20/23 10:12	11/20/23 16:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/20/23 10:12	11/20/23 16:16	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/20/23 10:12	11/20/23 16:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/20/23 10:12	11/20/23 16:16	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/20/23 10:12	11/20/23 16:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*329*	*S1+*	*70 - 130*	*11/20/23 10:12*	*11/20/23 16:16*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*11/20/23 10:12*	*11/20/23 16:16*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Client Sample ID: SW-7 (1.0')

Lab Sample ID: 880-35979-30
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/20/23 16:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			11/21/23 02:08	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	<50.1	U	50.1		mg/Kg		11/20/23 12:11	11/21/23 02:08	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		11/20/23 12:11	11/21/23 02:08	1
OII Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		11/20/23 12:11	11/21/23 02:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*130*		*70 - 130*	*11/20/23 12:11*	*11/21/23 02:08*	*1*
o-Terphenyl	*140*	*S1+*	*70 - 130*	*11/20/23 12:11*	*11/21/23 02:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.05	U	5.05		mg/Kg			11/20/23 21:42	1

Client Sample ID: SW-8 (1.0')

Lab Sample ID: 880-35979-31
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		11/21/23 14:52	11/22/23 04:17	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/21/23 14:52	11/22/23 04:17	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/21/23 14:52	11/22/23 04:17	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		11/21/23 14:52	11/22/23 04:17	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/21/23 14:52	11/22/23 04:17	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		11/21/23 14:52	11/22/23 04:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*74*		*70 - 130*	*11/21/23 14:52*	*11/22/23 04:17*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*11/21/23 14:52*	*11/22/23 04:17*	*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			11/22/23 04:17	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			11/21/23 02:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		11/20/23 12:11	11/21/23 02:29	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		11/20/23 12:11	11/21/23 02:29	1

Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Client Sample ID: SW-8 (1.0')

Lab Sample ID: 880-35979-31
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		11/20/23 12:11	11/21/23 02:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*122*		*70 - 130*	*11/20/23 12:11*	*11/21/23 02:29*	*1*
o-Terphenyl	*133*	*S1+*	*70 - 130*	*11/20/23 12:11*	*11/21/23 02:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6.56**		5.01		mg/Kg			11/20/23 22:30	1

Client Sample ID: SW-9 (2.0')

Lab Sample ID: 880-35979-32
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		11/21/23 14:52	11/22/23 04:38	1
Toluene	<0.00202	U	0.00202		mg/Kg		11/21/23 14:52	11/22/23 04:38	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		11/21/23 14:52	11/22/23 04:38	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		11/21/23 14:52	11/22/23 04:38	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		11/21/23 14:52	11/22/23 04:38	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		11/21/23 14:52	11/22/23 04:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*11/21/23 14:52*	*11/22/23 04:38*	*1*
1,4-Difluorobenzene (Surr)	*116*		*70 - 130*	*11/21/23 14:52*	*11/22/23 04:38*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			11/22/23 04:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			11/21/23 02:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		11/20/23 12:11	11/21/23 02:50	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		11/20/23 12:11	11/21/23 02:50	1
OII Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		11/20/23 12:11	11/21/23 02:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*120*		*70 - 130*	*11/20/23 12:11*	*11/21/23 02:50*	*1*
o-Terphenyl	*131*	*S1+*	*70 - 130*	*11/20/23 12:11*	*11/21/23 02:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.38**		4.98		mg/Kg			11/20/23 22:47	1

Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Client Sample ID: SW-10 (2.0')

Lab Sample ID: 880-35979-33
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/21/23 14:52	11/22/23 04:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/21/23 14:52	11/22/23 04:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/21/23 14:52	11/22/23 04:58	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/21/23 14:52	11/22/23 04:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/21/23 14:52	11/22/23 04:58	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/21/23 14:52	11/22/23 04:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*11/21/23 14:52*	*11/22/23 04:58*	*1*
1,4-Difluorobenzene (Surr)	*118*		*70 - 130*	*11/21/23 14:52*	*11/22/23 04:58*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			11/22/23 04:58	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			11/21/23 03:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		11/20/23 12:11	11/21/23 03:11	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		11/20/23 12:11	11/21/23 03:11	1
OII Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		11/20/23 12:11	11/21/23 03:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*129*		*70 - 130*	*11/20/23 12:11*	*11/21/23 03:11*	*1*
o-Terphenyl	*140*	*S1+*	*70 - 130*	*11/20/23 12:11*	*11/21/23 03:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.41**		4.96		mg/Kg			11/20/23 22:53	1

Client Sample ID: SW-11 (2.0')

Lab Sample ID: 880-35979-34
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		11/21/23 14:52	11/22/23 05:19	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/21/23 14:52	11/22/23 05:19	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/21/23 14:52	11/22/23 05:19	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		11/21/23 14:52	11/22/23 05:19	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/21/23 14:52	11/22/23 05:19	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		11/21/23 14:52	11/22/23 05:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*11/21/23 14:52*	*11/22/23 05:19*	*1*
1,4-Difluorobenzene (Surr)	*124*		*70 - 130*	*11/21/23 14:52*	*11/22/23 05:19*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Client Sample ID: SW-11 (2.0')

Lab Sample ID: 880-35979-34
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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			11/22/23 05:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/21/23 03:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/20/23 12:11	11/21/23 03:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/20/23 12:11	11/21/23 03:32	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/20/23 12:11	11/21/23 03:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*137*	*S1+*	*70 - 130*	*11/20/23 12:11*	*11/21/23 03:32*	*1*
o-Terphenyl	*150*	*S1+*	*70 - 130*	*11/20/23 12:11*	*11/21/23 03:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**68.5**		5.04		mg/Kg			11/20/23 22:59	1

Client Sample ID: SW-12 (2.0')

Lab Sample ID: 880-35979-35
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/21/23 14:52	11/22/23 05:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/21/23 14:52	11/22/23 05:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/21/23 14:52	11/22/23 05:39	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/21/23 14:52	11/22/23 05:39	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/21/23 14:52	11/22/23 05:39	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/21/23 14:52	11/22/23 05:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*11/21/23 14:52*	*11/22/23 05:39*	*1*
1,4-Difluorobenzene (Surr)	*119*		*70 - 130*	*11/21/23 14:52*	*11/22/23 05:39*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/22/23 05:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/21/23 03:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/20/23 12:11	11/21/23 03:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/20/23 12:11	11/21/23 03:53	1

Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Client Sample ID: SW-12 (2.0')

Lab Sample ID: 880-35979-35
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/20/23 12:11	11/21/23 03:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*115*		*70 - 130*	*11/20/23 12:11*	*11/21/23 03:53*	*1*
o-Terphenyl	*125*		*70 - 130*	*11/20/23 12:11*	*11/21/23 03:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.03	U	5.03		mg/Kg			11/20/23 23:05	1

Client Sample ID: SW-13 (2.0')

Lab Sample ID: 880-35979-36
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/21/23 14:52	11/22/23 06:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/21/23 14:52	11/22/23 06:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/21/23 14:52	11/22/23 06:00	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/21/23 14:52	11/22/23 06:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/21/23 14:52	11/22/23 06:00	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/21/23 14:52	11/22/23 06:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*32*	*S1-*	*70 - 130*	*11/21/23 14:52*	*11/22/23 06:00*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*11/21/23 14:52*	*11/22/23 06:00*	*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			11/22/23 06:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			11/21/23 04:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		11/20/23 12:11	11/21/23 04:14	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		11/20/23 12:11	11/21/23 04:14	1
OII Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		11/20/23 12:11	11/21/23 04:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*127*		*70 - 130*	*11/20/23 12:11*	*11/21/23 04:14*	*1*
o-Terphenyl	*140*	*S1+*	*70 - 130*	*11/20/23 12:11*	*11/21/23 04:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**26.8**		5.02		mg/Kg			11/20/23 23:23	1

Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Client Sample ID: SW-14 (2.0')

Lab Sample ID: 880-35979-37
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		11/21/23 14:52	11/22/23 06:20	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/21/23 14:52	11/22/23 06:20	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/21/23 14:52	11/22/23 06:20	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		11/21/23 14:52	11/22/23 06:20	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/21/23 14:52	11/22/23 06:20	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		11/21/23 14:52	11/22/23 06:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*11/21/23 14:52*	*11/22/23 06:20*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*11/21/23 14:52*	*11/22/23 06:20*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			11/22/23 06:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			11/21/23 04:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		11/20/23 12:11	11/21/23 04:35	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		11/20/23 12:11	11/21/23 04:35	1
OII Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		11/20/23 12:11	11/21/23 04:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*135*	*S1+*	*70 - 130*	*11/20/23 12:11*	*11/21/23 04:35*	*1*
o-Terphenyl	*145*	*S1+*	*70 - 130*	*11/20/23 12:11*	*11/21/23 04:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			11/20/23 23:29	1

Client Sample ID: SW-15 (2.0')

Lab Sample ID: 880-35979-38
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/21/23 14:52	11/22/23 06:40	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/21/23 14:52	11/22/23 06:40	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/21/23 14:52	11/22/23 06:40	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/21/23 14:52	11/22/23 06:40	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/21/23 14:52	11/22/23 06:40	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/21/23 14:52	11/22/23 06:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*11/21/23 14:52*	*11/22/23 06:40*	*1*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*	*11/21/23 14:52*	*11/22/23 06:40*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Client Sample ID: SW-15 (2.0')

Lab Sample ID: 880-35979-38
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			11/22/23 06:40	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			11/21/23 04:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		11/20/23 12:11	11/21/23 04:56	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		11/20/23 12:11	11/21/23 04:56	1
OII Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		11/20/23 12:11	11/21/23 04:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*123*		*70 - 130*	*11/20/23 12:11*	*11/21/23 04:56*	*1*
o-Terphenyl	*133*	*S1+*	*70 - 130*	*11/20/23 12:11*	*11/21/23 04:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			11/20/23 23:35	1

Client Sample ID: SW-16 (2.0')

Lab Sample ID: 880-35979-39
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		11/21/23 14:52	11/22/23 07:01	1
Toluene	<0.00202	U	0.00202		mg/Kg		11/21/23 14:52	11/22/23 07:01	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		11/21/23 14:52	11/22/23 07:01	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		11/21/23 14:52	11/22/23 07:01	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		11/21/23 14:52	11/22/23 07:01	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		11/21/23 14:52	11/22/23 07:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*11/21/23 14:52*	*11/22/23 07:01*	*1*
1,4-Difluorobenzene (Surr)	*117*		*70 - 130*	*11/21/23 14:52*	*11/22/23 07:01*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			11/22/23 07:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			11/21/23 05:17	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	<50.2	U	50.2		mg/Kg		11/20/23 12:11	11/21/23 05:17	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		11/20/23 12:11	11/21/23 05:17	1

Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Client Sample ID: SW-16 (2.0')

Lab Sample ID: 880-35979-39
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		11/20/23 12:11	11/21/23 05:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*125*		*70 - 130*	*11/20/23 12:11*	*11/21/23 05:17*	*1*
o-Terphenyl	*137*	*S1+*	*70 - 130*	*11/20/23 12:11*	*11/21/23 05:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**25.6**		4.97		mg/Kg			11/20/23 23:40	1

Client Sample ID: SW-17 (2.0')

Lab Sample ID: 880-35979-40
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/21/23 14:52	11/22/23 07:21	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/21/23 14:52	11/22/23 07:21	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/21/23 14:52	11/22/23 07:21	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/21/23 14:52	11/22/23 07:21	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/21/23 14:52	11/22/23 07:21	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/21/23 14:52	11/22/23 07:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*11/21/23 14:52*	*11/22/23 07:21*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*11/21/23 14:52*	*11/22/23 07:21*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			11/22/23 07:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.5	U	49.5		mg/Kg			11/21/23 10:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.5	U	49.5		mg/Kg		11/20/23 12:14	11/21/23 10:54	1
Diesel Range Organics (Over C10-C28)	<49.5	U	49.5		mg/Kg		11/20/23 12:14	11/21/23 10:54	1
OII Range Organics (Over C28-C36)	<49.5	U	49.5		mg/Kg		11/20/23 12:14	11/21/23 10:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*169*	*S1+*	*70 - 130*	*11/20/23 12:14*	*11/21/23 10:54*	*1*
o-Terphenyl	*151*	*S1+*	*70 - 130*	*11/20/23 12:14*	*11/21/23 10:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**51.0**		5.04		mg/Kg			11/20/23 23:46	1

Client Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Client Sample ID: SW-18 (2.0')

Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Lab Sample ID: 880-35979-41

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		11/20/23 11:06	11/21/23 00:41	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/20/23 11:06	11/21/23 00:41	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/20/23 11:06	11/21/23 00:41	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/20/23 11:06	11/21/23 00:41	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/20/23 11:06	11/21/23 00:41	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/20/23 11:06	11/21/23 00:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*	*11/20/23 11:06*	*11/21/23 00:41*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*11/20/23 11:06*	*11/21/23 00:41*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/21/23 00:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			11/21/23 12:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		11/20/23 12:14	11/21/23 12:00	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		11/20/23 12:14	11/21/23 12:00	1
OII Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		11/20/23 12:14	11/21/23 12:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*181*	*S1+*	*70 - 130*	*11/20/23 12:14*	*11/21/23 12:00*	*1*
o-Terphenyl	*163*	*S1+*	*70 - 130*	*11/20/23 12:14*	*11/21/23 12:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**24.7**		5.02		mg/Kg			11/20/23 23:52	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Method: 8021B - Volatile Organic Compounds (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-35979-1	CS-1 (4.5')	82	100
880-35979-1 MS	CS-1 (4.5')	117	117
880-35979-1 MSD	CS-1 (4.5')	74	101
880-35979-2	CS-2 (4.5')	77	98
880-35979-3	CS-3 (4.5')	98	86
880-35979-4	CS-4 (4.5')	97	89
880-35979-5	CS-5 (4.5')	84	103
880-35979-6	CS-6 (3.0')	84	100
880-35979-7	CS-7 (3.0')	86	85
880-35979-8	CS-8 (3.0')	80	99
880-35979-9	CS-9 (3.0')	83	101
880-35979-10	CS-10 (3.0')	82	91
880-35979-11	CS-11 (2.0')	80	87
880-35979-12	CS-12 (2.0')	99	90
880-35979-13	CS-13 (2.0')	83	99
880-35979-14	CS-14 (2.0')	84	99
880-35979-15	CS-15 (2.0')	81	94
880-35979-16	CS-16 (2.0')	85	96
880-35979-17	CS-17 (2.0')	88	92
880-35979-18	CS-18 (2.0')	81	96
880-35979-19	CS-19 (2.0')	90	100
880-35979-20	CS-20 (3.0')	104	107
880-35979-21	CS-21 (2.0')	177 S1+	70
880-35979-21 MS	CS-21 (2.0')	152 S1+	84
880-35979-21 MSD	CS-21 (2.0')	168 S1+	71
880-35979-22	CS-22 (2.0')	242 S1+	78
880-35979-23	CS-23 (2.0')	194 S1+	77
880-35979-24	SW-1 (4.5')	268 S1+	84
880-35979-25	SW-2 (4.5')	234 S1+	81
880-35979-26	SW-3 (4.5')	238 S1+	78
880-35979-27	SW-4 (4.5')	242 S1+	74
880-35979-28	SW-5 (1.5')	228 S1+	89
880-35979-29	SW-6 (3.0')	233 S1+	79
880-35979-30	SW-7 (1.0')	329 S1+	94
880-35979-31	SW-8 (1.0')	74	102
880-35979-31 MS	SW-8 (1.0')	104	101
880-35979-31 MSD	SW-8 (1.0')	99	107
880-35979-32	SW-9 (2.0')	98	116
880-35979-33	SW-10 (2.0')	97	118
880-35979-34	SW-11 (2.0')	89	124
880-35979-35	SW-12 (2.0')	91	119
880-35979-36	SW-13 (2.0')	32 S1-	97
880-35979-37	SW-14 (2.0')	94	114
880-35979-38	SW-15 (2.0')	104	115
880-35979-39	SW-16 (2.0')	100	117
880-35979-40	SW-17 (2.0')	106	111
880-35979-41	SW-18 (2.0')	82	97
880-35979-41 MS	SW-18 (2.0')	97	112
880-35979-41 MSD	SW-18 (2.0')	94	114

Surrogate Summary

Client: Carmona Resources Job ID: 880-35979-1
Project/Site: Ross Draw Reuse Pit Layflat SDG: Eddy County, NM

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

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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) BFB1 (70-130)	DFBZ1 (70-130)
LCS 880-67375/1-A	Lab Control Sample	115	113
LCS 880-67383/1-A	Lab Control Sample	187 S1+	71
LCS 880-67387/1-A	Lab Control Sample	98	104
LCS 880-67580/1-A	Lab Control Sample	89	100
LCSD 880-67375/2-A	Lab Control Sample Dup	117	117
LCSD 880-67383/2-A	Lab Control Sample Dup	169 S1+	74
LCSD 880-67387/2-A	Lab Control Sample Dup	92	96
LCSD 880-67580/2-A	Lab Control Sample Dup	92	108
MB 880-67371/5-A	Method Blank	114	144 S1+
MB 880-67375/5-A	Method Blank	75	84
MB 880-67383/5-A	Method Blank	117	55 S1-
MB 880-67387/5-A	Method Blank	127	166 S1+
MB 880-67438/5-A	Method Blank	117	149 S1+
MB 880-67580/5-A	Method Blank	107	141 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)
880-35972-A-1-D MS	Matrix Spike	104	98
880-35972-A-1-E MSD	Matrix Spike Duplicate	98	91
880-35979-1	CS-1 (4.5')	114	123
880-35979-2	CS-2 (4.5')	123	129
880-35979-3	CS-3 (4.5')	114	120
880-35979-4	CS-4 (4.5')	124	130
880-35979-5	CS-5 (4.5')	142 S1+	152 S1+
880-35979-6	CS-6 (3.0')	118	124
880-35979-7	CS-7 (3.0')	112	118
880-35979-8	CS-8 (3.0')	143 S1+	150 S1+
880-35979-9	CS-9 (3.0')	120	128
880-35979-10	CS-10 (3.0')	119	129
880-35979-11	CS-11 (2.0')	129	138 S1+
880-35979-12	CS-12 (2.0')	119	126
880-35979-13	CS-13 (2.0')	124	130
880-35979-14	CS-14 (2.0')	118	123
880-35979-15	CS-15 (2.0')	133 S1+	136 S1+
880-35979-16	CS-16 (2.0')	144 S1+	150 S1+
880-35979-17	CS-17 (2.0')	129	137 S1+
880-35979-18	CS-18 (2.0')	149 S1+	152 S1+
880-35979-19	CS-19 (2.0')	98	102
880-35979-20	CS-20 (3.0')	139 S1+	148 S1+
880-35979-20 MS	CS-20 (3.0')	134 S1+	132 S1+
880-35979-20 MSD	CS-20 (3.0')	113	113
880-35979-21	CS-21 (2.0')	121	130
880-35979-22	CS-22 (2.0')	130	140 S1+

Surrogate Summary

Client: Carmona Resources Job ID: 880-35979-1
Project/Site: Ross Draw Reuse Pit Layflat SDG: Eddy County, NM

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

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

		Percent Surrogate Recovery (Acceptance Limits)											
		1CO1	OTPH1										
Lab Sample ID	Client Sample ID	(70-130)	(70-130)										
880-35979-23	CS-23 (2.0')	134 S1+	143 S1+										
880-35979-24	SW-1 (4.5')	125	135 S1+										
880-35979-25	SW-2 (4.5')	123	133 S1+										
880-35979-26	SW-3 (4.5')	136 S1+	149 S1+										
880-35979-27	SW-4 (4.5')	131 S1+	139 S1+										
880-35979-28	SW-5 (1.5')	134 S1+	144 S1+										
880-35979-29	SW-6 (3.0')	124	134 S1+										
880-35979-30	SW-7 (1.0')	130	140 S1+										
880-35979-31	SW-8 (1.0')	122	133 S1+										
880-35979-32	SW-9 (2.0')	120	131 S1+										
880-35979-33	SW-10 (2.0')	129	140 S1+										
880-35979-34	SW-11 (2.0')	137 S1+	150 S1+										
880-35979-35	SW-12 (2.0')	115	125										
880-35979-36	SW-13 (2.0')	127	140 S1+										
880-35979-37	SW-14 (2.0')	135 S1+	145 S1+										
880-35979-38	SW-15 (2.0')	123	133 S1+										
880-35979-39	SW-16 (2.0')	125	137 S1+										
880-35979-40	SW-17 (2.0')	169 S1+	151 S1+										
880-35979-40 MS	SW-17 (2.0')	162 S1+	133 S1+										
880-35979-40 MSD	SW-17 (2.0')	165 S1+	132 S1+										
880-35979-41	SW-18 (2.0')	181 S1+	163 S1+										
LCS 880-67376/2-A	Lab Control Sample	96	110										
LCS 880-67406/2-A	Lab Control Sample	98	110										
LCS 880-67421/2-A	Lab Control Sample	94	103										
LCSD 880-67376/3-A	Lab Control Sample Dup	108	121										
LCSD 880-67406/3-A	Lab Control Sample Dup	87	97										
LCSD 880-67421/3-A	Lab Control Sample Dup	87	95										
MB 880-67376/1-A	Method Blank	113	125										
MB 880-67406/1-A	Method Blank	133 S1+	141 S1+										
MB 880-67421/1-A	Method Blank	136 S1+	126										

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-67371/5-A
Matrix: Solid
Analysis Batch: 67369

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 67371

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/20/23 08:49	11/20/23 11:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/20/23 08:49	11/20/23 11:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/20/23 08:49	11/20/23 11:34	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/20/23 08:49	11/20/23 11:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/20/23 08:49	11/20/23 11:34	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/20/23 08:49	11/20/23 11:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*11/20/23 08:49*	*11/20/23 11:34*	*1*
1,4-Difluorobenzene (Surr)	*144*	*S1+*	*70 - 130*	*11/20/23 08:49*	*11/20/23 11:34*	*1*

Lab Sample ID: MB 880-67375/5-A
Matrix: Solid
Analysis Batch: 67368

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 67375

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/20/23 09:48	11/20/23 11:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/20/23 09:48	11/20/23 11:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/20/23 09:48	11/20/23 11:31	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/20/23 09:48	11/20/23 11:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/20/23 09:48	11/20/23 11:31	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/20/23 09:48	11/20/23 11:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*75*		*70 - 130*	*11/20/23 09:48*	*11/20/23 11:31*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*11/20/23 09:48*	*11/20/23 11:31*	*1*

Lab Sample ID: LCS 880-67375/1-A
Matrix: Solid
Analysis Batch: 67368

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 67375

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1106		mg/Kg		111	70 - 130
Toluene	0.100	0.1059		mg/Kg		106	70 - 130
Ethylbenzene	0.100	0.1030		mg/Kg		103	70 - 130
m-Xylene & p-Xylene	0.200	0.2187		mg/Kg		109	70 - 130
o-Xylene	0.100	0.1035		mg/Kg		104	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*

Lab Sample ID: LCSD 880-67375/2-A
Matrix: Solid
Analysis Batch: 67368

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 67375

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1095		mg/Kg		110	70 - 130	1	35

QC Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

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

Lab Sample ID: LCSD 880-67375/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 67368 — **Prep Batch: 67375**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.09833		mg/Kg		98	70 - 130	7	35
Ethylbenzene			0.100	0.09860		mg/Kg		99	70 - 130	4	35
m-Xylene & p-Xylene			0.200	0.2063		mg/Kg		103	70 - 130	6	35
o-Xylene			0.100	0.09799		mg/Kg		98	70 - 130	6	35

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

Lab Sample ID: 880-35979-1 MS — **Client Sample ID: CS-1 (4.5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 67368 — **Prep Batch: 67375**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U F1 F2	0.0996	0.1211		mg/Kg		122	70 - 130
Toluene	<0.00198	U F1	0.0996	0.1115		mg/Kg		112	70 - 130
Ethylbenzene	<0.00198	U F1	0.0996	0.1067		mg/Kg		107	70 - 130
m-Xylene & p-Xylene	<0.00396	U F1	0.199	0.2289		mg/Kg		115	70 - 130
o-Xylene	<0.00198	U F1	0.0996	0.1085		mg/Kg		109	70 - 130

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

Lab Sample ID: 880-35979-1 MSD — **Client Sample ID: CS-1 (4.5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 67368 — **Prep Batch: 67375**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U F1 F2	0.101	<0.00202	U F1 F2	mg/Kg		0.4	70 - 130	199	35
Toluene	<0.00198	U F1	0.101	<0.00202	U F1	mg/Kg		0	70 - 130	NC	35
Ethylbenzene	<0.00198	U F1	0.101	<0.00202	U F1	mg/Kg		0	70 - 130	NC	35
m-Xylene & p-Xylene	<0.00396	U F1	0.202	<0.00403	U F1	mg/Kg		0	70 - 130	NC	35
o-Xylene	<0.00198	U F1	0.101	<0.00202	U F1	mg/Kg		0	70 - 130	NC	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*74*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: MB 880-67383/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 67367 — **Prep Batch: 67383**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/20/23 10:12	11/20/23 11:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/20/23 10:12	11/20/23 11:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/20/23 10:12	11/20/23 11:51	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/20/23 10:12	11/20/23 11:51	1

QC Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

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

Lab Sample ID: MB 880-67383/5-A
Matrix: Solid
Analysis Batch: 67367

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 67383

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/20/23 10:12	11/20/23 11:51	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/20/23 10:12	11/20/23 11:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*11/20/23 10:12*	*11/20/23 11:51*	*1*
1,4-Difluorobenzene (Surr)	*55*	*S1-*	*70 - 130*	*11/20/23 10:12*	*11/20/23 11:51*	*1*

Lab Sample ID: LCS 880-67383/1-A
Matrix: Solid
Analysis Batch: 67367

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 67383

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1092		mg/Kg		109	70 - 130		
Toluene			0.100	0.1208		mg/Kg		121	70 - 130		
Ethylbenzene			0.100	0.1243		mg/Kg		124	70 - 130		
m-Xylene & p-Xylene			0.200	0.2411		mg/Kg		121	70 - 130		
o-Xylene			0.100	0.1161		mg/Kg		116	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*187*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*71*		*70 - 130*

Lab Sample ID: LCSD 880-67383/2-A
Matrix: Solid
Analysis Batch: 67367

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 67383

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1131		mg/Kg		113	70 - 130	3	35
Toluene			0.100	0.1216		mg/Kg		122	70 - 130	1	35
Ethylbenzene			0.100	0.1240		mg/Kg		124	70 - 130	0	35
m-Xylene & p-Xylene			0.200	0.2438		mg/Kg		122	70 - 130	1	35
o-Xylene			0.100	0.1149		mg/Kg		115	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*169*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*74*		*70 - 130*

Lab Sample ID: 880-35979-21 MS
Matrix: Solid
Analysis Batch: 67367

Client Sample ID: CS-21 (2.0')
Prep Type: Total/NA
Prep Batch: 67383

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00198	U	0.0996	0.08324		mg/Kg		84	70 - 130		
Toluene	<0.00198	U	0.0996	0.1065		mg/Kg		107	70 - 130		
Ethylbenzene	<0.00198	U	0.0996	0.08782		mg/Kg		88	70 - 130		
m-Xylene & p-Xylene	<0.00396	U	0.199	0.1708		mg/Kg		86	70 - 130		
o-Xylene	<0.00198	U	0.0996	0.09247		mg/Kg		93	70 - 130		

QC Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

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

Lab Sample ID: 880-35979-21 MS
Matrix: Solid
Analysis Batch: 67367

Client Sample ID: CS-21 (2.0')
Prep Type: Total/NA
Prep Batch: 67383

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	152	S1+	70 - 130
1,4-Difluorobenzene (Surr)	84		70 - 130

Lab Sample ID: 880-35979-21 MSD
Matrix: Solid
Analysis Batch: 67367

Client Sample ID: CS-21 (2.0')
Prep Type: Total/NA
Prep Batch: 67383

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	0.09738		mg/Kg		97	70 - 130	16	35
Toluene	<0.00198	U	0.101	0.1122		mg/Kg		111	70 - 130	5	35
Ethylbenzene	<0.00198	U	0.101	0.1124		mg/Kg		111	70 - 130	25	35
m-Xylene & p-Xylene	<0.00396	U	0.202	0.2200		mg/Kg		109	70 - 130	25	35
o-Xylene	<0.00198	U	0.101	0.1127		mg/Kg		112	70 - 130	20	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	168	S1+	70 - 130
1,4-Difluorobenzene (Surr)	71		70 - 130

Lab Sample ID: MB 880-67387/5-A
Matrix: Solid
Analysis Batch: 67369

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 67387

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/20/23 11:06	11/21/23 00:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/20/23 11:06	11/21/23 00:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/20/23 11:06	11/21/23 00:13	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/20/23 11:06	11/21/23 00:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/20/23 11:06	11/21/23 00:13	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/20/23 11:06	11/21/23 00:13	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130	11/20/23 11:06	11/21/23 00:13	1
1,4-Difluorobenzene (Surr)	166	S1+	70 - 130	11/20/23 11:06	11/21/23 00:13	1

Lab Sample ID: LCS 880-67387/1-A
Matrix: Solid
Analysis Batch: 67369

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 67387

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1022		mg/Kg		102	70 - 130
Toluene	0.100	0.08564		mg/Kg		86	70 - 130
Ethylbenzene	0.100	0.08638		mg/Kg		86	70 - 130
m-Xylene & p-Xylene	0.200	0.1875		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09166		mg/Kg		92	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

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

Lab Sample ID: LCS 880-67387/1-A
Matrix: Solid
Analysis Batch: 67369

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 67387

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

Lab Sample ID: LCSD 880-67387/2-A
Matrix: Solid
Analysis Batch: 67369

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 67387

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09572		mg/Kg		96	70 - 130	7	35
Toluene			0.100	0.08646		mg/Kg		86	70 - 130	1	35
Ethylbenzene			0.100	0.07960		mg/Kg		80	70 - 130	8	35
m-Xylene & p-Xylene			0.200	0.1934		mg/Kg		97	70 - 130	3	35
o-Xylene			0.100	0.09609		mg/Kg		96	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: 880-35979-41 MS
Matrix: Solid
Analysis Batch: 67369

Client Sample ID: SW-18 (2.0')
Prep Type: Total/NA
Prep Batch: 67387

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00199	U	0.0996	0.09194		mg/Kg		92	70 - 130		
Toluene	<0.00199	U	0.0996	0.08540		mg/Kg		86	70 - 130		
Ethylbenzene	<0.00199	U	0.0996	0.07797		mg/Kg		78	70 - 130		
m-Xylene & p-Xylene	<0.00398	U	0.199	0.1736		mg/Kg		87	70 - 130		
o-Xylene	<0.00199	U	0.0996	0.09330		mg/Kg		94	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*

Lab Sample ID: 880-35979-41 MSD
Matrix: Solid
Analysis Batch: 67369

Client Sample ID: SW-18 (2.0')
Prep Type: Total/NA
Prep Batch: 67387

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.101	0.09787		mg/Kg		97	70 - 130	6	35
Toluene	<0.00199	U	0.101	0.08844		mg/Kg		88	70 - 130	3	35
Ethylbenzene	<0.00199	U	0.101	0.07454		mg/Kg		74	70 - 130	4	35
m-Xylene & p-Xylene	<0.00398	U	0.202	0.1658		mg/Kg		82	70 - 130	5	35
o-Xylene	<0.00199	U	0.101	0.08812		mg/Kg		87	70 - 130	6	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

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

Lab Sample ID: MB 880-67438/5-A
Matrix: Solid
Analysis Batch: 67556

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 67438

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/20/23 14:09	11/21/23 16:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/20/23 14:09	11/21/23 16:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/20/23 14:09	11/21/23 16:10	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/20/23 14:09	11/21/23 16:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/20/23 14:09	11/21/23 16:10	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/20/23 14:09	11/21/23 16:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*11/20/23 14:09*	*11/21/23 16:10*	*1*
1,4-Difluorobenzene (Surr)	*149*	*S1+*	*70 - 130*	*11/20/23 14:09*	*11/21/23 16:10*	*1*

Lab Sample ID: MB 880-67580/5-A
Matrix: Solid
Analysis Batch: 67556

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 67580

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/21/23 14:52	11/22/23 03:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/21/23 14:52	11/22/23 03:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/21/23 14:52	11/22/23 03:49	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/21/23 14:52	11/22/23 03:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/21/23 14:52	11/22/23 03:49	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/21/23 14:52	11/22/23 03:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*11/21/23 14:52*	*11/22/23 03:49*	*1*
1,4-Difluorobenzene (Surr)	*141*	*S1+*	*70 - 130*	*11/21/23 14:52*	*11/22/23 03:49*	*1*

Lab Sample ID: LCS 880-67580/1-A
Matrix: Solid
Analysis Batch: 67556

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 67580

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1041		mg/Kg		104	70 - 130
Toluene	0.100	0.09065		mg/Kg		91	70 - 130
Ethylbenzene	0.100	0.08656		mg/Kg		87	70 - 130
m-Xylene & p-Xylene	0.200	0.1921		mg/Kg		96	70 - 130
o-Xylene	0.100	0.09395		mg/Kg		94	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 880-67580/2-A
Matrix: Solid
Analysis Batch: 67556

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 67580

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1186		mg/Kg		119	70 - 130	13	35

QC Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

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

Lab Sample ID: LCSD 880-67580/2-A
Matrix: Solid
Analysis Batch: 67556

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 67580

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.09170		mg/Kg		92	70 - 130	1	35
Ethylbenzene			0.100	0.08494		mg/Kg		85	70 - 130	2	35
m-Xylene & p-Xylene			0.200	0.1824		mg/Kg		91	70 - 130	5	35
o-Xylene			0.100	0.08874		mg/Kg		89	70 - 130	6	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*

Lab Sample ID: 880-35979-31 MS
Matrix: Solid
Analysis Batch: 67556

Client Sample ID: SW-8 (1.0')
Prep Type: Total/NA
Prep Batch: 67580

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U	0.0990	0.1069		mg/Kg		108	70 - 130
Toluene	<0.00198	U	0.0990	0.08980		mg/Kg		91	70 - 130
Ethylbenzene	<0.00198	U	0.0990	0.09199		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	<0.00396	U	0.198	0.2092		mg/Kg		106	70 - 130
o-Xylene	<0.00198	U	0.0990	0.09337		mg/Kg		94	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 880-35979-31 MSD
Matrix: Solid
Analysis Batch: 67556

Client Sample ID: SW-8 (1.0')
Prep Type: Total/NA
Prep Batch: 67580

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	0.1174		mg/Kg		116	70 - 130	9	35
Toluene	<0.00198	U	0.101	0.09287		mg/Kg		92	70 - 130	3	35
Ethylbenzene	<0.00198	U	0.101	0.09302		mg/Kg		92	70 - 130	1	35
m-Xylene & p-Xylene	<0.00396	U	0.202	0.1981		mg/Kg		98	70 - 130	5	35
o-Xylene	<0.00198	U	0.101	0.09592		mg/Kg		95	70 - 130	3	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*

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

Lab Sample ID: MB 880-67376/1-A
Matrix: Solid
Analysis Batch: 67360

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 67376

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/20/23 08:01	11/20/23 08:50	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

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

Lab Sample ID: MB 880-67376/1-A
Matrix: Solid
Analysis Batch: 67360

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 67376

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/20/23 08:01	11/20/23 08:50	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/20/23 08:01	11/20/23 08:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*113*		*70 - 130*	*11/20/23 08:01*	*11/20/23 08:50*	*1*
o-Terphenyl	*125*		*70 - 130*	*11/20/23 08:01*	*11/20/23 08:50*	*1*

Lab Sample ID: LCS 880-67376/2-A
Matrix: Solid
Analysis Batch: 67360

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 67376

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	998.2		mg/Kg		100	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	901.0		mg/Kg		90	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*96*		*70 - 130*
o-Terphenyl	*110*		*70 - 130*

Lab Sample ID: LCSD 880-67376/3-A
Matrix: Solid
Analysis Batch: 67360

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 67376

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1221		mg/Kg		122	70 - 130	20	20
Diesel Range Organics (Over C10-C28)			1000	1096		mg/Kg		110	70 - 130	20	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*108*		*70 - 130*
o-Terphenyl	*121*		*70 - 130*

Lab Sample ID: 880-35972-A-1-D MS
Matrix: Solid
Analysis Batch: 67360

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 67376

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1010	1106		mg/Kg		108	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	1010	883.7		mg/Kg		84	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*104*		*70 - 130*
o-Terphenyl	*98*		*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

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

Lab Sample ID: 880-35972-A-1-E MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 67360 — **Prep Batch: 67376**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1010	1056		mg/Kg		103	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<50.0	U	1010	826.8		mg/Kg		79	70 - 130	7	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*98*		*70 - 130*
o-Terphenyl	*91*		*70 - 130*

Lab Sample ID: MB 880-67406/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 67360 — **Prep Batch: 67406**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/20/23 12:11	11/20/23 20:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/20/23 12:11	11/20/23 20:23	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/20/23 12:11	11/20/23 20:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*133*	*S1+*	*70 - 130*	*11/20/23 12:11*	*11/20/23 20:23*	*1*
o-Terphenyl	*141*	*S1+*	*70 - 130*	*11/20/23 12:11*	*11/20/23 20:23*	*1*

Lab Sample ID: LCS 880-67406/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 67360 — **Prep Batch: 67406**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1109		mg/Kg		111	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	911.6		mg/Kg		91	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*98*		*70 - 130*
o-Terphenyl	*110*		*70 - 130*

Lab Sample ID: LCSD 880-67406/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 67360 — **Prep Batch: 67406**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1009		mg/Kg		101	70 - 130	9	20
Diesel Range Organics (Over C10-C28)			1000	880.4		mg/Kg		88	70 - 130	3	20

QC Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

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

Lab Sample ID: LCSD 880-67406/3-A
Matrix: Solid
Analysis Batch: 67360

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 67406

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	87		70 - 130
o-Terphenyl	97		70 - 130

Lab Sample ID: 880-35979-20 MS
Matrix: Solid
Analysis Batch: 67360

Client Sample ID: CS-20 (3.0')
Prep Type: Total/NA
Prep Batch: 67406

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 F2	1000	846.9		mg/Kg		82	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.8	U	1000	945.0		mg/Kg		92	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	134	S1+	70 - 130
o-Terphenyl	132	S1+	70 - 130

Lab Sample ID: 880-35979-20 MSD
Matrix: Solid
Analysis Batch: 67360

Client Sample ID: CS-20 (3.0')
Prep Type: Total/NA
Prep Batch: 67406

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 F2	1000	1097	F2	mg/Kg		107	70 - 130	26	20
Diesel Range Organics (Over C10-C28)	<49.8	U	1000	811.1		mg/Kg		78	70 - 130	15	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	113		70 - 130
o-Terphenyl	113		70 - 130

Lab Sample ID: MB 880-67421/1-A
Matrix: Solid
Analysis Batch: 67486

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 67421

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/20/23 12:14	11/21/23 08:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/20/23 12:14	11/21/23 08:21	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/20/23 12:14	11/21/23 08:21	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	136	S1+	70 - 130	11/20/23 12:14	11/21/23 08:21	1
o-Terphenyl	126		70 - 130	11/20/23 12:14	11/21/23 08:21	1

QC Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

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

Lab Sample ID: LCS 880-67421/2-A
Matrix: Solid
Analysis Batch: 67486

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 67421

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1001		mg/Kg		100	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	991.1		mg/Kg		99	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*94*		*70 - 130*
o-Terphenyl	*103*		*70 - 130*

Lab Sample ID: LCSD 880-67421/3-A
Matrix: Solid
Analysis Batch: 67486

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 67421

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1043		mg/Kg		104	70 - 130	4	20
Diesel Range Organics (Over C10-C28)			1000	1004		mg/Kg		100	70 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*87*		*70 - 130*
o-Terphenyl	*95*		*70 - 130*

Lab Sample ID: 880-35979-40 MS
Matrix: Solid
Analysis Batch: 67486

Client Sample ID: SW-17 (2.0')
Prep Type: Total/NA
Prep Batch: 67421

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.5	U	1010	1213		mg/Kg		120	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.5	U	1010	1246		mg/Kg		122	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*162*	*S1+*	*70 - 130*
o-Terphenyl	*133*	*S1+*	*70 - 130*

Lab Sample ID: 880-35979-40 MSD
Matrix: Solid
Analysis Batch: 67486

Client Sample ID: SW-17 (2.0')
Prep Type: Total/NA
Prep Batch: 67421

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	<49.5	U	1010	1134		mg/Kg		113	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	<49.5	U	1010	1264		mg/Kg		124	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*165*	*S1+*	*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

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

Lab Sample ID: 880-35979-40 MSD
Matrix: Solid
Analysis Batch: 67486

Client Sample ID: SW-17 (2.0')
Prep Type: Total/NA
Prep Batch: 67421

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl	132	S1+	70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-67365/1-A
Matrix: Solid
Analysis Batch: 67552

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			11/20/23 18:45	1

Lab Sample ID: LCS 880-67365/2-A
Matrix: Solid
Analysis Batch: 67552

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	251.1		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-67365/3-A
Matrix: Solid
Analysis Batch: 67552

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	252.7		mg/Kg		101	90 - 110	1	20

Lab Sample ID: 880-35979-11 MS
Matrix: Solid
Analysis Batch: 67552

Client Sample ID: CS-11 (2.0')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	34.9	F1	252	355.1	F1	mg/Kg		127	90 - 110

Lab Sample ID: 880-35979-11 MSD
Matrix: Solid
Analysis Batch: 67552

Client Sample ID: CS-11 (2.0')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	34.9	F1	252	353.7	F1	mg/Kg		127	90 - 110	0	20

Lab Sample ID: 880-35979-21 MS
Matrix: Solid
Analysis Batch: 67552

Client Sample ID: CS-21 (2.0')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<5.00	U	250	264.8		mg/Kg		104	90 - 110

QC Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-35979-21 MSD
Matrix: Solid
Analysis Batch: 67552

Client Sample ID: CS-21 (2.0')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<5.00	U	250	267.6		mg/Kg		105	90 - 110	1	20

Lab Sample ID: MB 880-67366/1-A
Matrix: Solid
Analysis Batch: 67554

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			11/20/23 22:12	1

Lab Sample ID: LCS 880-67366/2-A
Matrix: Solid
Analysis Batch: 67554

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	255.7		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-67366/3-A
Matrix: Solid
Analysis Batch: 67554

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	257.4		mg/Kg		103	90 - 110	1	20

Lab Sample ID: 880-35979-31 MS
Matrix: Solid
Analysis Batch: 67554

Client Sample ID: SW-8 (1.0')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	6.56		251	262.1		mg/Kg		102	90 - 110

Lab Sample ID: 880-35979-31 MSD
Matrix: Solid
Analysis Batch: 67554

Client Sample ID: SW-8 (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	6.56		251	263.4		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 880-35979-41 MS
Matrix: Solid
Analysis Batch: 67554

Client Sample ID: SW-18 (2.0')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	24.7		251	275.8		mg/Kg		100	90 - 110

Lab Sample ID: 880-35979-41 MSD
Matrix: Solid
Analysis Batch: 67554

Client Sample ID: SW-18 (2.0')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	24.7		251	277.2		mg/Kg		101	90 - 110	1	20

QC Sample Results

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-67364/1-A
Matrix: Solid
Analysis Batch: 67555

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			11/21/23 00:40	1

Lab Sample ID: LCS 880-67364/2-A
Matrix: Solid
Analysis Batch: 67555

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	255.7		mg/Kg		102	90 - 110		

Lab Sample ID: LCSD 880-67364/3-A
Matrix: Solid
Analysis Batch: 67555

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	257.0		mg/Kg		103	90 - 110	1	20

Lab Sample ID: 880-35979-1 MS
Matrix: Solid
Analysis Batch: 67555

Client Sample ID: CS-1 (4.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	3790		1250	5038		mg/Kg		100	90 - 110		

Lab Sample ID: 880-35979-1 MSD
Matrix: Solid
Analysis Batch: 67555

Client Sample ID: CS-1 (4.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3790		1250	5044		mg/Kg		100	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

GC VOA

Analysis Batch: 67367

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35979-21	CS-21 (2.0')	Total/NA	Solid	8021B	67383
880-35979-22	CS-22 (2.0')	Total/NA	Solid	8021B	67383
880-35979-23	CS-23 (2.0')	Total/NA	Solid	8021B	67383
880-35979-24	SW-1 (4.5')	Total/NA	Solid	8021B	67383
880-35979-25	SW-2 (4.5')	Total/NA	Solid	8021B	67383
880-35979-26	SW-3 (4.5')	Total/NA	Solid	8021B	67383
880-35979-27	SW-4 (4.5')	Total/NA	Solid	8021B	67383
880-35979-28	SW-5 (1.5')	Total/NA	Solid	8021B	67383
880-35979-29	SW-6 (3.0')	Total/NA	Solid	8021B	67383
880-35979-30	SW-7 (1.0')	Total/NA	Solid	8021B	67383
MB 880-67383/5-A	Method Blank	Total/NA	Solid	8021B	67383
LCS 880-67383/1-A	Lab Control Sample	Total/NA	Solid	8021B	67383
LCSD 880-67383/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	67383
880-35979-21 MS	CS-21 (2.0')	Total/NA	Solid	8021B	67383
880-35979-21 MSD	CS-21 (2.0')	Total/NA	Solid	8021B	67383

Analysis Batch: 67368

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35979-1	CS-1 (4.5')	Total/NA	Solid	8021B	67375
880-35979-2	CS-2 (4.5')	Total/NA	Solid	8021B	67375
880-35979-3	CS-3 (4.5')	Total/NA	Solid	8021B	67375
880-35979-4	CS-4 (4.5')	Total/NA	Solid	8021B	67375
880-35979-5	CS-5 (4.5')	Total/NA	Solid	8021B	67375
880-35979-6	CS-6 (3.0')	Total/NA	Solid	8021B	67375
880-35979-7	CS-7 (3.0')	Total/NA	Solid	8021B	67375
880-35979-8	CS-8 (3.0')	Total/NA	Solid	8021B	67375
880-35979-9	CS-9 (3.0')	Total/NA	Solid	8021B	67375
880-35979-10	CS-10 (3.0')	Total/NA	Solid	8021B	67375
880-35979-11	CS-11 (2.0')	Total/NA	Solid	8021B	67375
880-35979-12	CS-12 (2.0')	Total/NA	Solid	8021B	67375
880-35979-13	CS-13 (2.0')	Total/NA	Solid	8021B	67375
880-35979-14	CS-14 (2.0')	Total/NA	Solid	8021B	67375
880-35979-15	CS-15 (2.0')	Total/NA	Solid	8021B	67375
880-35979-16	CS-16 (2.0')	Total/NA	Solid	8021B	67375
880-35979-17	CS-17 (2.0')	Total/NA	Solid	8021B	67375
880-35979-18	CS-18 (2.0')	Total/NA	Solid	8021B	67375
880-35979-19	CS-19 (2.0')	Total/NA	Solid	8021B	67375
MB 880-67375/5-A	Method Blank	Total/NA	Solid	8021B	67375
LCS 880-67375/1-A	Lab Control Sample	Total/NA	Solid	8021B	67375
LCSD 880-67375/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	67375
880-35979-1 MS	CS-1 (4.5')	Total/NA	Solid	8021B	67375
880-35979-1 MSD	CS-1 (4.5')	Total/NA	Solid	8021B	67375

Analysis Batch: 67369

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35979-20	CS-20 (3.0')	Total/NA	Solid	8021B	67387
880-35979-41	SW-18 (2.0')	Total/NA	Solid	8021B	67387
MB 880-67371/5-A	Method Blank	Total/NA	Solid	8021B	67371
MB 880-67387/5-A	Method Blank	Total/NA	Solid	8021B	67387
LCS 880-67387/1-A	Lab Control Sample	Total/NA	Solid	8021B	67387
LCSD 880-67387/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	67387

QC Association Summary

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

GC VOA (Continued)

Analysis Batch: 67369 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35979-41 MS	SW-18 (2.0')	Total/NA	Solid	8021B	67387
880-35979-41 MSD	SW-18 (2.0')	Total/NA	Solid	8021B	67387

Prep Batch: 67371

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-67371/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 67375

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35979-1	CS-1 (4.5')	Total/NA	Solid	5035	
880-35979-2	CS-2 (4.5')	Total/NA	Solid	5035	
880-35979-3	CS-3 (4.5')	Total/NA	Solid	5035	
880-35979-4	CS-4 (4.5')	Total/NA	Solid	5035	
880-35979-5	CS-5 (4.5')	Total/NA	Solid	5035	
880-35979-6	CS-6 (3.0')	Total/NA	Solid	5035	
880-35979-7	CS-7 (3.0')	Total/NA	Solid	5035	
880-35979-8	CS-8 (3.0')	Total/NA	Solid	5035	
880-35979-9	CS-9 (3.0')	Total/NA	Solid	5035	
880-35979-10	CS-10 (3.0')	Total/NA	Solid	5035	
880-35979-11	CS-11 (2.0')	Total/NA	Solid	5035	
880-35979-12	CS-12 (2.0')	Total/NA	Solid	5035	
880-35979-13	CS-13 (2.0')	Total/NA	Solid	5035	
880-35979-14	CS-14 (2.0')	Total/NA	Solid	5035	
880-35979-15	CS-15 (2.0')	Total/NA	Solid	5035	
880-35979-16	CS-16 (2.0')	Total/NA	Solid	5035	
880-35979-17	CS-17 (2.0')	Total/NA	Solid	5035	
880-35979-18	CS-18 (2.0')	Total/NA	Solid	5035	
880-35979-19	CS-19 (2.0')	Total/NA	Solid	5035	
MB 880-67375/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-67375/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-67375/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-35979-1 MS	CS-1 (4.5')	Total/NA	Solid	5035	
880-35979-1 MSD	CS-1 (4.5')	Total/NA	Solid	5035	

Prep Batch: 67383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35979-21	CS-21 (2.0')	Total/NA	Solid	5035	
880-35979-22	CS-22 (2.0')	Total/NA	Solid	5035	
880-35979-23	CS-23 (2.0')	Total/NA	Solid	5035	
880-35979-24	SW-1 (4.5')	Total/NA	Solid	5035	
880-35979-25	SW-2 (4.5')	Total/NA	Solid	5035	
880-35979-26	SW-3 (4.5')	Total/NA	Solid	5035	
880-35979-27	SW-4 (4.5')	Total/NA	Solid	5035	
880-35979-28	SW-5 (1.5')	Total/NA	Solid	5035	
880-35979-29	SW-6 (3.0')	Total/NA	Solid	5035	
880-35979-30	SW-7 (1.0')	Total/NA	Solid	5035	
MB 880-67383/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-67383/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-67383/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-35979-21 MS	CS-21 (2.0')	Total/NA	Solid	5035	
880-35979-21 MSD	CS-21 (2.0')	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

GC VOA

Prep Batch: 67387

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35979-20	CS-20 (3.0')	Total/NA	Solid	5035	
880-35979-41	SW-18 (2.0')	Total/NA	Solid	5035	
MB 880-67387/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-67387/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-67387/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-35979-41 MS	SW-18 (2.0')	Total/NA	Solid	5035	
880-35979-41 MSD	SW-18 (2.0')	Total/NA	Solid	5035	

Prep Batch: 67438

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-67438/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 67548

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35979-1	CS-1 (4.5')	Total/NA	Solid	Total BTEX	
880-35979-2	CS-2 (4.5')	Total/NA	Solid	Total BTEX	
880-35979-3	CS-3 (4.5')	Total/NA	Solid	Total BTEX	
880-35979-4	CS-4 (4.5')	Total/NA	Solid	Total BTEX	
880-35979-5	CS-5 (4.5')	Total/NA	Solid	Total BTEX	
880-35979-6	CS-6 (3.0')	Total/NA	Solid	Total BTEX	
880-35979-7	CS-7 (3.0')	Total/NA	Solid	Total BTEX	
880-35979-8	CS-8 (3.0')	Total/NA	Solid	Total BTEX	
880-35979-9	CS-9 (3.0')	Total/NA	Solid	Total BTEX	
880-35979-10	CS-10 (3.0')	Total/NA	Solid	Total BTEX	
880-35979-11	CS-11 (2.0')	Total/NA	Solid	Total BTEX	
880-35979-12	CS-12 (2.0')	Total/NA	Solid	Total BTEX	
880-35979-13	CS-13 (2.0')	Total/NA	Solid	Total BTEX	
880-35979-14	CS-14 (2.0')	Total/NA	Solid	Total BTEX	
880-35979-15	CS-15 (2.0')	Total/NA	Solid	Total BTEX	
880-35979-16	CS-16 (2.0')	Total/NA	Solid	Total BTEX	
880-35979-17	CS-17 (2.0')	Total/NA	Solid	Total BTEX	
880-35979-18	CS-18 (2.0')	Total/NA	Solid	Total BTEX	
880-35979-19	CS-19 (2.0')	Total/NA	Solid	Total BTEX	
880-35979-20	CS-20 (3.0')	Total/NA	Solid	Total BTEX	
880-35979-21	CS-21 (2.0')	Total/NA	Solid	Total BTEX	
880-35979-22	CS-22 (2.0')	Total/NA	Solid	Total BTEX	
880-35979-23	CS-23 (2.0')	Total/NA	Solid	Total BTEX	
880-35979-24	SW-1 (4.5')	Total/NA	Solid	Total BTEX	
880-35979-25	SW-2 (4.5')	Total/NA	Solid	Total BTEX	
880-35979-26	SW-3 (4.5')	Total/NA	Solid	Total BTEX	
880-35979-27	SW-4 (4.5')	Total/NA	Solid	Total BTEX	
880-35979-28	SW-5 (1.5')	Total/NA	Solid	Total BTEX	
880-35979-29	SW-6 (3.0')	Total/NA	Solid	Total BTEX	
880-35979-30	SW-7 (1.0')	Total/NA	Solid	Total BTEX	
880-35979-31	SW-8 (1.0')	Total/NA	Solid	Total BTEX	
880-35979-32	SW-9 (2.0')	Total/NA	Solid	Total BTEX	
880-35979-33	SW-10 (2.0')	Total/NA	Solid	Total BTEX	
880-35979-34	SW-11 (2.0')	Total/NA	Solid	Total BTEX	
880-35979-35	SW-12 (2.0')	Total/NA	Solid	Total BTEX	
880-35979-36	SW-13 (2.0')	Total/NA	Solid	Total BTEX	
880-35979-37	SW-14 (2.0')	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

GC VOA (Continued)

Analysis Batch: 67548 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35979-38	SW-15 (2.0')	Total/NA	Solid	Total BTEX	
880-35979-39	SW-16 (2.0')	Total/NA	Solid	Total BTEX	
880-35979-40	SW-17 (2.0')	Total/NA	Solid	Total BTEX	
880-35979-41	SW-18 (2.0')	Total/NA	Solid	Total BTEX	

Analysis Batch: 67556

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35979-31	SW-8 (1.0')	Total/NA	Solid	8021B	67580
880-35979-32	SW-9 (2.0')	Total/NA	Solid	8021B	67580
880-35979-33	SW-10 (2.0')	Total/NA	Solid	8021B	67580
880-35979-34	SW-11 (2.0')	Total/NA	Solid	8021B	67580
880-35979-35	SW-12 (2.0')	Total/NA	Solid	8021B	67580
880-35979-36	SW-13 (2.0')	Total/NA	Solid	8021B	67580
880-35979-37	SW-14 (2.0')	Total/NA	Solid	8021B	67580
880-35979-38	SW-15 (2.0')	Total/NA	Solid	8021B	67580
880-35979-39	SW-16 (2.0')	Total/NA	Solid	8021B	67580
880-35979-40	SW-17 (2.0')	Total/NA	Solid	8021B	67580
MB 880-67438/5-A	Method Blank	Total/NA	Solid	8021B	67438
MB 880-67580/5-A	Method Blank	Total/NA	Solid	8021B	67580
LCS 880-67580/1-A	Lab Control Sample	Total/NA	Solid	8021B	67580
LCSD 880-67580/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	67580
880-35979-31 MS	SW-8 (1.0')	Total/NA	Solid	8021B	67580
880-35979-31 MSD	SW-8 (1.0')	Total/NA	Solid	8021B	67580

Prep Batch: 67580

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35979-31	SW-8 (1.0')	Total/NA	Solid	5035	
880-35979-32	SW-9 (2.0')	Total/NA	Solid	5035	
880-35979-33	SW-10 (2.0')	Total/NA	Solid	5035	
880-35979-34	SW-11 (2.0')	Total/NA	Solid	5035	
880-35979-35	SW-12 (2.0')	Total/NA	Solid	5035	
880-35979-36	SW-13 (2.0')	Total/NA	Solid	5035	
880-35979-37	SW-14 (2.0')	Total/NA	Solid	5035	
880-35979-38	SW-15 (2.0')	Total/NA	Solid	5035	
880-35979-39	SW-16 (2.0')	Total/NA	Solid	5035	
880-35979-40	SW-17 (2.0')	Total/NA	Solid	5035	
MB 880-67580/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-67580/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-67580/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-35979-31 MS	SW-8 (1.0')	Total/NA	Solid	5035	
880-35979-31 MSD	SW-8 (1.0')	Total/NA	Solid	5035	

GC Semi VOA

Analysis Batch: 67360

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35979-1	CS-1 (4.5')	Total/NA	Solid	8015B NM	67376
880-35979-2	CS-2 (4.5')	Total/NA	Solid	8015B NM	67376
880-35979-3	CS-3 (4.5')	Total/NA	Solid	8015B NM	67376
880-35979-4	CS-4 (4.5')	Total/NA	Solid	8015B NM	67376
880-35979-5	CS-5 (4.5')	Total/NA	Solid	8015B NM	67376

QC Association Summary

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

GC Semi VOA (Continued)

Analysis Batch: 67360 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35979-6	CS-6 (3.0')	Total/NA	Solid	8015B NM	67376
880-35979-7	CS-7 (3.0')	Total/NA	Solid	8015B NM	67376
880-35979-8	CS-8 (3.0')	Total/NA	Solid	8015B NM	67376
880-35979-9	CS-9 (3.0')	Total/NA	Solid	8015B NM	67376
880-35979-10	CS-10 (3.0')	Total/NA	Solid	8015B NM	67376
880-35979-11	CS-11 (2.0')	Total/NA	Solid	8015B NM	67376
880-35979-12	CS-12 (2.0')	Total/NA	Solid	8015B NM	67376
880-35979-13	CS-13 (2.0')	Total/NA	Solid	8015B NM	67376
880-35979-14	CS-14 (2.0')	Total/NA	Solid	8015B NM	67376
880-35979-15	CS-15 (2.0')	Total/NA	Solid	8015B NM	67376
880-35979-16	CS-16 (2.0')	Total/NA	Solid	8015B NM	67376
880-35979-17	CS-17 (2.0')	Total/NA	Solid	8015B NM	67376
880-35979-18	CS-18 (2.0')	Total/NA	Solid	8015B NM	67376
880-35979-19	CS-19 (2.0')	Total/NA	Solid	8015B NM	67376
880-35979-20	CS-20 (3.0')	Total/NA	Solid	8015B NM	67406
880-35979-21	CS-21 (2.0')	Total/NA	Solid	8015B NM	67406
880-35979-22	CS-22 (2.0')	Total/NA	Solid	8015B NM	67406
880-35979-23	CS-23 (2.0')	Total/NA	Solid	8015B NM	67406
880-35979-24	SW-1 (4.5')	Total/NA	Solid	8015B NM	67406
880-35979-25	SW-2 (4.5')	Total/NA	Solid	8015B NM	67406
880-35979-26	SW-3 (4.5')	Total/NA	Solid	8015B NM	67406
880-35979-27	SW-4 (4.5')	Total/NA	Solid	8015B NM	67406
880-35979-28	SW-5 (1.5')	Total/NA	Solid	8015B NM	67406
880-35979-29	SW-6 (3.0')	Total/NA	Solid	8015B NM	67406
880-35979-30	SW-7 (1.0')	Total/NA	Solid	8015B NM	67406
880-35979-31	SW-8 (1.0')	Total/NA	Solid	8015B NM	67406
880-35979-32	SW-9 (2.0')	Total/NA	Solid	8015B NM	67406
880-35979-33	SW-10 (2.0')	Total/NA	Solid	8015B NM	67406
880-35979-34	SW-11 (2.0')	Total/NA	Solid	8015B NM	67406
880-35979-35	SW-12 (2.0')	Total/NA	Solid	8015B NM	67406
880-35979-36	SW-13 (2.0')	Total/NA	Solid	8015B NM	67406
880-35979-37	SW-14 (2.0')	Total/NA	Solid	8015B NM	67406
880-35979-38	SW-15 (2.0')	Total/NA	Solid	8015B NM	67406
880-35979-39	SW-16 (2.0')	Total/NA	Solid	8015B NM	67406
MB 880-67376/1-A	Method Blank	Total/NA	Solid	8015B NM	67376
MB 880-67406/1-A	Method Blank	Total/NA	Solid	8015B NM	67406
LCS 880-67376/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	67376
LCS 880-67406/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	67406
LCSD 880-67376/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	67376
LCSD 880-67406/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	67406
880-35972-A-1-D MS	Matrix Spike	Total/NA	Solid	8015B NM	67376
880-35972-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	67376
880-35979-20 MS	CS-20 (3.0')	Total/NA	Solid	8015B NM	67406
880-35979-20 MSD	CS-20 (3.0')	Total/NA	Solid	8015B NM	67406

Prep Batch: 67376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35979-1	CS-1 (4.5')	Total/NA	Solid	8015NM Prep	
880-35979-2	CS-2 (4.5')	Total/NA	Solid	8015NM Prep	
880-35979-3	CS-3 (4.5')	Total/NA	Solid	8015NM Prep	
880-35979-4	CS-4 (4.5')	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

GC Semi VOA (Continued)

Prep Batch: 67376 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35979-5	CS-5 (4.5')	Total/NA	Solid	8015NM Prep	
880-35979-6	CS-6 (3.0')	Total/NA	Solid	8015NM Prep	
880-35979-7	CS-7 (3.0')	Total/NA	Solid	8015NM Prep	
880-35979-8	CS-8 (3.0')	Total/NA	Solid	8015NM Prep	
880-35979-9	CS-9 (3.0')	Total/NA	Solid	8015NM Prep	
880-35979-10	CS-10 (3.0')	Total/NA	Solid	8015NM Prep	
880-35979-11	CS-11 (2.0')	Total/NA	Solid	8015NM Prep	
880-35979-12	CS-12 (2.0')	Total/NA	Solid	8015NM Prep	
880-35979-13	CS-13 (2.0')	Total/NA	Solid	8015NM Prep	
880-35979-14	CS-14 (2.0')	Total/NA	Solid	8015NM Prep	
880-35979-15	CS-15 (2.0')	Total/NA	Solid	8015NM Prep	
880-35979-16	CS-16 (2.0')	Total/NA	Solid	8015NM Prep	
880-35979-17	CS-17 (2.0')	Total/NA	Solid	8015NM Prep	
880-35979-18	CS-18 (2.0')	Total/NA	Solid	8015NM Prep	
880-35979-19	CS-19 (2.0')	Total/NA	Solid	8015NM Prep	
MB 880-67376/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-67376/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-67376/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-35972-A-1-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-35972-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 67406

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35979-20	CS-20 (3.0')	Total/NA	Solid	8015NM Prep	
880-35979-21	CS-21 (2.0')	Total/NA	Solid	8015NM Prep	
880-35979-22	CS-22 (2.0')	Total/NA	Solid	8015NM Prep	
880-35979-23	CS-23 (2.0')	Total/NA	Solid	8015NM Prep	
880-35979-24	SW-1 (4.5')	Total/NA	Solid	8015NM Prep	
880-35979-25	SW-2 (4.5')	Total/NA	Solid	8015NM Prep	
880-35979-26	SW-3 (4.5')	Total/NA	Solid	8015NM Prep	
880-35979-27	SW-4 (4.5')	Total/NA	Solid	8015NM Prep	
880-35979-28	SW-5 (1.5')	Total/NA	Solid	8015NM Prep	
880-35979-29	SW-6 (3.0')	Total/NA	Solid	8015NM Prep	
880-35979-30	SW-7 (1.0')	Total/NA	Solid	8015NM Prep	
880-35979-31	SW-8 (1.0')	Total/NA	Solid	8015NM Prep	
880-35979-32	SW-9 (2.0')	Total/NA	Solid	8015NM Prep	
880-35979-33	SW-10 (2.0')	Total/NA	Solid	8015NM Prep	
880-35979-34	SW-11 (2.0')	Total/NA	Solid	8015NM Prep	
880-35979-35	SW-12 (2.0')	Total/NA	Solid	8015NM Prep	
880-35979-36	SW-13 (2.0')	Total/NA	Solid	8015NM Prep	
880-35979-37	SW-14 (2.0')	Total/NA	Solid	8015NM Prep	
880-35979-38	SW-15 (2.0')	Total/NA	Solid	8015NM Prep	
880-35979-39	SW-16 (2.0')	Total/NA	Solid	8015NM Prep	
MB 880-67406/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-67406/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-67406/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-35979-20 MS	CS-20 (3.0')	Total/NA	Solid	8015NM Prep	
880-35979-20 MSD	CS-20 (3.0')	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

GC Semi VOA

Prep Batch: 67421

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35979-40	SW-17 (2.0')	Total/NA	Solid	8015NM Prep	
880-35979-41	SW-18 (2.0')	Total/NA	Solid	8015NM Prep	
MB 880-67421/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-67421/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-67421/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-35979-40 MS	SW-17 (2.0')	Total/NA	Solid	8015NM Prep	
880-35979-40 MSD	SW-17 (2.0')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 67486

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35979-40	SW-17 (2.0')	Total/NA	Solid	8015B NM	67421
880-35979-41	SW-18 (2.0')	Total/NA	Solid	8015B NM	67421
MB 880-67421/1-A	Method Blank	Total/NA	Solid	8015B NM	67421
LCS 880-67421/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	67421
LCSD 880-67421/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	67421
880-35979-40 MS	SW-17 (2.0')	Total/NA	Solid	8015B NM	67421
880-35979-40 MSD	SW-17 (2.0')	Total/NA	Solid	8015B NM	67421

Analysis Batch: 67539

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35979-1	CS-1 (4.5')	Total/NA	Solid	8015 NM	
880-35979-2	CS-2 (4.5')	Total/NA	Solid	8015 NM	
880-35979-3	CS-3 (4.5')	Total/NA	Solid	8015 NM	
880-35979-4	CS-4 (4.5')	Total/NA	Solid	8015 NM	
880-35979-5	CS-5 (4.5')	Total/NA	Solid	8015 NM	
880-35979-6	CS-6 (3.0')	Total/NA	Solid	8015 NM	
880-35979-7	CS-7 (3.0')	Total/NA	Solid	8015 NM	
880-35979-8	CS-8 (3.0')	Total/NA	Solid	8015 NM	
880-35979-9	CS-9 (3.0')	Total/NA	Solid	8015 NM	
880-35979-10	CS-10 (3.0')	Total/NA	Solid	8015 NM	
880-35979-11	CS-11 (2.0')	Total/NA	Solid	8015 NM	
880-35979-12	CS-12 (2.0')	Total/NA	Solid	8015 NM	
880-35979-13	CS-13 (2.0')	Total/NA	Solid	8015 NM	
880-35979-14	CS-14 (2.0')	Total/NA	Solid	8015 NM	
880-35979-15	CS-15 (2.0')	Total/NA	Solid	8015 NM	
880-35979-16	CS-16 (2.0')	Total/NA	Solid	8015 NM	
880-35979-17	CS-17 (2.0')	Total/NA	Solid	8015 NM	
880-35979-18	CS-18 (2.0')	Total/NA	Solid	8015 NM	
880-35979-19	CS-19 (2.0')	Total/NA	Solid	8015 NM	
880-35979-20	CS-20 (3.0')	Total/NA	Solid	8015 NM	
880-35979-21	CS-21 (2.0')	Total/NA	Solid	8015 NM	
880-35979-22	CS-22 (2.0')	Total/NA	Solid	8015 NM	
880-35979-23	CS-23 (2.0')	Total/NA	Solid	8015 NM	
880-35979-24	SW-1 (4.5')	Total/NA	Solid	8015 NM	
880-35979-25	SW-2 (4.5')	Total/NA	Solid	8015 NM	
880-35979-26	SW-3 (4.5')	Total/NA	Solid	8015 NM	
880-35979-27	SW-4 (4.5')	Total/NA	Solid	8015 NM	
880-35979-28	SW-5 (1.5')	Total/NA	Solid	8015 NM	
880-35979-29	SW-6 (3.0')	Total/NA	Solid	8015 NM	
880-35979-30	SW-7 (1.0')	Total/NA	Solid	8015 NM	
880-35979-31	SW-8 (1.0')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

GC Semi VOA (Continued)

Analysis Batch: 67539 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35979-32	SW-9 (2.0')	Total/NA	Solid	8015 NM	
880-35979-33	SW-10 (2.0')	Total/NA	Solid	8015 NM	
880-35979-34	SW-11 (2.0')	Total/NA	Solid	8015 NM	
880-35979-35	SW-12 (2.0')	Total/NA	Solid	8015 NM	
880-35979-36	SW-13 (2.0')	Total/NA	Solid	8015 NM	
880-35979-37	SW-14 (2.0')	Total/NA	Solid	8015 NM	
880-35979-38	SW-15 (2.0')	Total/NA	Solid	8015 NM	
880-35979-39	SW-16 (2.0')	Total/NA	Solid	8015 NM	
880-35979-40	SW-17 (2.0')	Total/NA	Solid	8015 NM	
880-35979-41	SW-18 (2.0')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 67364

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35979-1	CS-1 (4.5')	Soluble	Solid	DI Leach	
880-35979-2	CS-2 (4.5')	Soluble	Solid	DI Leach	
880-35979-3	CS-3 (4.5')	Soluble	Solid	DI Leach	
880-35979-4	CS-4 (4.5')	Soluble	Solid	DI Leach	
880-35979-5	CS-5 (4.5')	Soluble	Solid	DI Leach	
880-35979-6	CS-6 (3.0')	Soluble	Solid	DI Leach	
880-35979-7	CS-7 (3.0')	Soluble	Solid	DI Leach	
880-35979-8	CS-8 (3.0')	Soluble	Solid	DI Leach	
880-35979-9	CS-9 (3.0')	Soluble	Solid	DI Leach	
880-35979-10	CS-10 (3.0')	Soluble	Solid	DI Leach	
MB 880-67364/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-67364/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-67364/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-35979-1 MS	CS-1 (4.5')	Soluble	Solid	DI Leach	
880-35979-1 MSD	CS-1 (4.5')	Soluble	Solid	DI Leach	

Leach Batch: 67365

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35979-11	CS-11 (2.0')	Soluble	Solid	DI Leach	
880-35979-12	CS-12 (2.0')	Soluble	Solid	DI Leach	
880-35979-13	CS-13 (2.0')	Soluble	Solid	DI Leach	
880-35979-14	CS-14 (2.0')	Soluble	Solid	DI Leach	
880-35979-15	CS-15 (2.0')	Soluble	Solid	DI Leach	
880-35979-16	CS-16 (2.0')	Soluble	Solid	DI Leach	
880-35979-17	CS-17 (2.0')	Soluble	Solid	DI Leach	
880-35979-18	CS-18 (2.0')	Soluble	Solid	DI Leach	
880-35979-19	CS-19 (2.0')	Soluble	Solid	DI Leach	
880-35979-20	CS-20 (3.0')	Soluble	Solid	DI Leach	
880-35979-21	CS-21 (2.0')	Soluble	Solid	DI Leach	
880-35979-22	CS-22 (2.0')	Soluble	Solid	DI Leach	
880-35979-23	CS-23 (2.0')	Soluble	Solid	DI Leach	
880-35979-24	SW-1 (4.5')	Soluble	Solid	DI Leach	
880-35979-25	SW-2 (4.5')	Soluble	Solid	DI Leach	
880-35979-26	SW-3 (4.5')	Soluble	Solid	DI Leach	
880-35979-27	SW-4 (4.5')	Soluble	Solid	DI Leach	
880-35979-28	SW-5 (1.5')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

HPLC/IC (Continued)

Leach Batch: 67365 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35979-29	SW-6 (3.0')	Soluble	Solid	DI Leach	
880-35979-30	SW-7 (1.0')	Soluble	Solid	DI Leach	
MB 880-67365/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-67365/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-67365/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-35979-11 MS	CS-11 (2.0')	Soluble	Solid	DI Leach	
880-35979-11 MSD	CS-11 (2.0')	Soluble	Solid	DI Leach	
880-35979-21 MS	CS-21 (2.0')	Soluble	Solid	DI Leach	
880-35979-21 MSD	CS-21 (2.0')	Soluble	Solid	DI Leach	

Leach Batch: 67366

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35979-31	SW-8 (1.0')	Soluble	Solid	DI Leach	
880-35979-32	SW-9 (2.0')	Soluble	Solid	DI Leach	
880-35979-33	SW-10 (2.0')	Soluble	Solid	DI Leach	
880-35979-34	SW-11 (2.0')	Soluble	Solid	DI Leach	
880-35979-35	SW-12 (2.0')	Soluble	Solid	DI Leach	
880-35979-36	SW-13 (2.0')	Soluble	Solid	DI Leach	
880-35979-37	SW-14 (2.0')	Soluble	Solid	DI Leach	
880-35979-38	SW-15 (2.0')	Soluble	Solid	DI Leach	
880-35979-39	SW-16 (2.0')	Soluble	Solid	DI Leach	
880-35979-40	SW-17 (2.0')	Soluble	Solid	DI Leach	
880-35979-41	SW-18 (2.0')	Soluble	Solid	DI Leach	
MB 880-67366/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-67366/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-67366/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-35979-31 MS	SW-8 (1.0')	Soluble	Solid	DI Leach	
880-35979-31 MSD	SW-8 (1.0')	Soluble	Solid	DI Leach	
880-35979-41 MS	SW-18 (2.0')	Soluble	Solid	DI Leach	
880-35979-41 MSD	SW-18 (2.0')	Soluble	Solid	DI Leach	

Analysis Batch: 67552

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35979-11	CS-11 (2.0')	Soluble	Solid	300.0	67365
880-35979-12	CS-12 (2.0')	Soluble	Solid	300.0	67365
880-35979-13	CS-13 (2.0')	Soluble	Solid	300.0	67365
880-35979-14	CS-14 (2.0')	Soluble	Solid	300.0	67365
880-35979-15	CS-15 (2.0')	Soluble	Solid	300.0	67365
880-35979-16	CS-16 (2.0')	Soluble	Solid	300.0	67365
880-35979-17	CS-17 (2.0')	Soluble	Solid	300.0	67365
880-35979-18	CS-18 (2.0')	Soluble	Solid	300.0	67365
880-35979-19	CS-19 (2.0')	Soluble	Solid	300.0	67365
880-35979-20	CS-20 (3.0')	Soluble	Solid	300.0	67365
880-35979-21	CS-21 (2.0')	Soluble	Solid	300.0	67365
880-35979-22	CS-22 (2.0')	Soluble	Solid	300.0	67365
880-35979-23	CS-23 (2.0')	Soluble	Solid	300.0	67365
880-35979-24	SW-1 (4.5')	Soluble	Solid	300.0	67365
880-35979-25	SW-2 (4.5')	Soluble	Solid	300.0	67365
880-35979-26	SW-3 (4.5')	Soluble	Solid	300.0	67365
880-35979-27	SW-4 (4.5')	Soluble	Solid	300.0	67365
880-35979-28	SW-5 (1.5')	Soluble	Solid	300.0	67365

QC Association Summary

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

HPLC/IC (Continued)

Analysis Batch: 67552 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35979-29	SW-6 (3.0')	Soluble	Solid	300.0	67365
880-35979-30	SW-7 (1.0')	Soluble	Solid	300.0	67365
MB 880-67365/1-A	Method Blank	Soluble	Solid	300.0	67365
LCS 880-67365/2-A	Lab Control Sample	Soluble	Solid	300.0	67365
LCSD 880-67365/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	67365
880-35979-11 MS	CS-11 (2.0')	Soluble	Solid	300.0	67365
880-35979-11 MSD	CS-11 (2.0')	Soluble	Solid	300.0	67365
880-35979-21 MS	CS-21 (2.0')	Soluble	Solid	300.0	67365
880-35979-21 MSD	CS-21 (2.0')	Soluble	Solid	300.0	67365

Analysis Batch: 67554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35979-31	SW-8 (1.0')	Soluble	Solid	300.0	67366
880-35979-32	SW-9 (2.0')	Soluble	Solid	300.0	67366
880-35979-33	SW-10 (2.0')	Soluble	Solid	300.0	67366
880-35979-34	SW-11 (2.0')	Soluble	Solid	300.0	67366
880-35979-35	SW-12 (2.0')	Soluble	Solid	300.0	67366
880-35979-36	SW-13 (2.0')	Soluble	Solid	300.0	67366
880-35979-37	SW-14 (2.0')	Soluble	Solid	300.0	67366
880-35979-38	SW-15 (2.0')	Soluble	Solid	300.0	67366
880-35979-39	SW-16 (2.0')	Soluble	Solid	300.0	67366
880-35979-40	SW-17 (2.0')	Soluble	Solid	300.0	67366
880-35979-41	SW-18 (2.0')	Soluble	Solid	300.0	67366
MB 880-67366/1-A	Method Blank	Soluble	Solid	300.0	67366
LCS 880-67366/2-A	Lab Control Sample	Soluble	Solid	300.0	67366
LCSD 880-67366/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	67366
880-35979-31 MS	SW-8 (1.0')	Soluble	Solid	300.0	67366
880-35979-31 MSD	SW-8 (1.0')	Soluble	Solid	300.0	67366
880-35979-41 MS	SW-18 (2.0')	Soluble	Solid	300.0	67366
880-35979-41 MSD	SW-18 (2.0')	Soluble	Solid	300.0	67366

Analysis Batch: 67555

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-35979-1	CS-1 (4.5')	Soluble	Solid	300.0	67364
880-35979-2	CS-2 (4.5')	Soluble	Solid	300.0	67364
880-35979-3	CS-3 (4.5')	Soluble	Solid	300.0	67364
880-35979-4	CS-4 (4.5')	Soluble	Solid	300.0	67364
880-35979-5	CS-5 (4.5')	Soluble	Solid	300.0	67364
880-35979-6	CS-6 (3.0')	Soluble	Solid	300.0	67364
880-35979-7	CS-7 (3.0')	Soluble	Solid	300.0	67364
880-35979-8	CS-8 (3.0')	Soluble	Solid	300.0	67364
880-35979-9	CS-9 (3.0')	Soluble	Solid	300.0	67364
880-35979-10	CS-10 (3.0')	Soluble	Solid	300.0	67364
MB 880-67364/1-A	Method Blank	Soluble	Solid	300.0	67364
LCS 880-67364/2-A	Lab Control Sample	Soluble	Solid	300.0	67364
LCSD 880-67364/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	67364
880-35979-1 MS	CS-1 (4.5')	Soluble	Solid	300.0	67364
880-35979-1 MSD	CS-1 (4.5')	Soluble	Solid	300.0	67364

Lab Chronicle

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Client Sample ID: CS-1 (4.5')

Lab Sample ID: 880-35979-1
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Prep 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	67375	11/20/23 09:48	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	67368	11/20/23 16:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			67548	11/20/23 16:58	SM	EET MID
Total/NA	Analysis	8015 NM		1			67539	11/20/23 12:30	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	67376	11/20/23 10:01	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	67360	11/20/23 12:30	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	67364	11/19/23 15:43	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	67555	11/21/23 02:20	SMC	EET MID

Client Sample ID: CS-2 (4.5')

Lab Sample ID: 880-35979-2
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Prep 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	67375	11/20/23 09:48	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	67368	11/20/23 12:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			67548	11/20/23 12:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			67539	11/20/23 12:54	SM	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	67376	11/20/23 10:01	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	67360	11/20/23 12:54	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	67364	11/19/23 15:43	SMC	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	67555	11/21/23 02:38	SMC	EET MID

Client Sample ID: CS-3 (4.5')

Lab Sample ID: 880-35979-3
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Prep 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	67375	11/20/23 09:48	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	67368	11/20/23 12:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			67548	11/20/23 12:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			67539	11/20/23 13:16	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	67376	11/20/23 10:01	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	67360	11/20/23 13:16	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	67364	11/19/23 15:43	SMC	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	67555	11/21/23 02:44	SMC	EET MID

Client Sample ID: CS-4 (4.5')

Lab Sample ID: 880-35979-4
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Prep 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	67375	11/20/23 09:48	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	67368	11/20/23 12:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			67548	11/20/23 12:55	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Client Sample ID: CS-4 (4.5')

Lab Sample ID: 880-35979-4
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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			67539	11/20/23 13:39	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	67376	11/20/23 10:01	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	67360	11/20/23 13:39	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	67364	11/19/23 15:43	SMC	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	67555	11/21/23 03:01	SMC	EET MID

Client Sample ID: CS-5 (4.5')

Lab Sample ID: 880-35979-5
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Prep 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	67375	11/20/23 09:48	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	67368	11/20/23 13:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			67548	11/20/23 13:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			67539	11/20/23 14:02	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	67376	11/20/23 10:01	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	67360	11/20/23 14:02	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	67364	11/19/23 15:43	SMC	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	67555	11/21/23 03:07	SMC	EET MID

Client Sample ID: CS-6 (3.0')

Lab Sample ID: 880-35979-6
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Prep 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	67375	11/20/23 09:48	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	67368	11/20/23 13:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			67548	11/20/23 13:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			67539	11/20/23 14:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	67376	11/20/23 10:01	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	67360	11/20/23 14:24	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	67364	11/19/23 15:43	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	67555	11/21/23 03:13	SMC	EET MID

Client Sample ID: CS-7 (3.0')

Lab Sample ID: 880-35979-7
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Prep 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	67375	11/20/23 09:48	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	67368	11/20/23 13:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			67548	11/20/23 13:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			67539	11/20/23 14:46	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	67376	11/20/23 10:01	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	67360	11/20/23 14:46	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Client Sample ID: CS-7 (3.0')

Lab Sample ID: 880-35979-7
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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	67364	11/19/23 15:43	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	67555	11/21/23 03:19	SMC	EET MID

Client Sample ID: CS-8 (3.0')

Lab Sample ID: 880-35979-8
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Prep 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	67375	11/20/23 09:48	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	67368	11/20/23 14:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			67548	11/20/23 14:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			67539	11/20/23 15:09	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	67376	11/20/23 10:01	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	67360	11/20/23 15:09	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	67364	11/19/23 15:43	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	67555	11/21/23 03:25	SMC	EET MID

Client Sample ID: CS-9 (3.0')

Lab Sample ID: 880-35979-9
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Prep 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	67375	11/20/23 09:48	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	67368	11/20/23 14:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			67548	11/20/23 14:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			67539	11/20/23 15:31	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	67376	11/20/23 10:01	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	67360	11/20/23 15:31	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	67364	11/19/23 15:43	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	67555	11/21/23 03:31	SMC	EET MID

Client Sample ID: CS-10 (3.0')

Lab Sample ID: 880-35979-10
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Prep 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	67375	11/20/23 09:48	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	67368	11/20/23 15:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			67548	11/20/23 15:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			67539	11/20/23 16:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	67376	11/20/23 10:01	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	67360	11/20/23 16:15	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	67364	11/19/23 15:43	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	67555	11/21/23 03:37	SMC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Client Sample ID: CS-11 (2.0')

Lab Sample ID: 880-35979-11
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Prep 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	67375	11/20/23 09:48	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	67368	11/20/23 17:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			67548	11/20/23 17:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			67539	11/20/23 16:37	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	67376	11/20/23 10:01	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	67360	11/20/23 16:37	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	67365	11/19/23 15:44	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	67552	11/20/23 19:03	SMC	EET MID

Client Sample ID: CS-12 (2.0')

Lab Sample ID: 880-35979-12
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Prep 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	67375	11/20/23 09:48	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	67368	11/20/23 17:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			67548	11/20/23 17:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			67539	11/20/23 17:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	67376	11/20/23 10:01	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	67360	11/20/23 17:00	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	67365	11/19/23 15:44	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	67552	11/20/23 19:20	SMC	EET MID

Client Sample ID: CS-13 (2.0')

Lab Sample ID: 880-35979-13
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Prep 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	67375	11/20/23 09:48	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	67368	11/20/23 18:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			67548	11/20/23 18:00	SM	EET MID
Total/NA	Analysis	8015 NM		1			67539	11/20/23 17:22	SM	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	67376	11/20/23 10:01	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	67360	11/20/23 17:22	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	67365	11/19/23 15:44	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	67552	11/20/23 19:26	SMC	EET MID

Client Sample ID: CS-14 (2.0')

Lab Sample ID: 880-35979-14
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Prep 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	67375	11/20/23 09:48	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	67368	11/20/23 18:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			67548	11/20/23 18:20	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Client Sample ID: CS-14 (2.0')

Lab Sample ID: 880-35979-14
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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			67539	11/20/23 17:44	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	67376	11/20/23 10:01	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	67360	11/20/23 17:44	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	67365	11/19/23 15:44	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	67552	11/20/23 19:32	SMC	EET MID

Client Sample ID: CS-15 (2.0')

Lab Sample ID: 880-35979-15
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Prep 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	67375	11/20/23 09:48	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	67368	11/20/23 18:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			67548	11/20/23 18:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			67539	11/20/23 18:07	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	67376	11/20/23 10:01	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	67360	11/20/23 18:07	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	67365	11/19/23 15:44	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	67552	11/20/23 19:38	SMC	EET MID

Client Sample ID: CS-16 (2.0')

Lab Sample ID: 880-35979-16
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Prep 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	67375	11/20/23 09:48	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	67368	11/20/23 19:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			67548	11/20/23 19:01	SM	EET MID
Total/NA	Analysis	8015 NM		1			67539	11/20/23 18:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	67376	11/20/23 10:01	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	67360	11/20/23 18:29	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	67365	11/19/23 15:44	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	67552	11/20/23 19:56	SMC	EET MID

Client Sample ID: CS-17 (2.0')

Lab Sample ID: 880-35979-17
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Prep 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	67375	11/20/23 09:48	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	67368	11/20/23 19:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			67548	11/20/23 19:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			67539	11/20/23 18:51	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	67376	11/20/23 10:01	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	67360	11/20/23 18:51	AJ	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Client Sample ID: CS-17 (2.0')

Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Lab Sample ID: 880-35979-17
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			4.96 g	50 mL	67365	11/19/23 15:44	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	67552	11/20/23 20:02	SMC	EET MID

Client Sample ID: CS-18 (2.0')

Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Lab Sample ID: 880-35979-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	67375	11/20/23 09:48	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	67368	11/20/23 19:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			67548	11/20/23 19:43	SM	EET MID
Total/NA	Analysis	8015 NM		1			67539	11/20/23 19:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	67376	11/20/23 10:01	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	67360	11/20/23 19:14	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	67365	11/19/23 15:44	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	67552	11/20/23 20:08	SMC	EET MID

Client Sample ID: CS-19 (2.0')

Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Lab Sample ID: 880-35979-19
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	67375	11/20/23 09:48	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	67368	11/20/23 20:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			67548	11/20/23 20:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			67539	11/20/23 19:37	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	67376	11/20/23 10:01	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	67360	11/20/23 19:37	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	67365	11/19/23 15:44	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	67552	11/20/23 20:14	SMC	EET MID

Client Sample ID: CS-20 (3.0')

Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Lab Sample ID: 880-35979-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	67387	11/20/23 11:06	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	67369	11/21/23 11:02	SM	EET MID
Total/NA	Analysis	Total BTEX		1			67548	11/21/23 11:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			67539	11/20/23 21:31	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	67406	11/20/23 12:11	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	67360	11/20/23 21:31	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	67365	11/19/23 15:44	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	67552	11/20/23 20:20	SMC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Client Sample ID: CS-21 (2.0')

Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Lab Sample ID: 880-35979-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	67383	11/20/23 10:12	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	67367	11/20/23 12:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			67548	11/20/23 12:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			67539	11/20/23 22:37	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	67406	11/20/23 12:11	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	67360	11/20/23 22:37	AJ	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	67365	11/19/23 15:44	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	67552	11/20/23 20:25	SMC	EET MID

Client Sample ID: CS-22 (2.0')

Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Lab Sample ID: 880-35979-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	67383	11/20/23 10:12	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	67367	11/20/23 12:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			67548	11/20/23 12:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			67539	11/20/23 22:58	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	67406	11/20/23 12:11	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	67360	11/20/23 22:58	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	67365	11/19/23 15:44	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	67552	11/20/23 20:43	SMC	EET MID

Client Sample ID: CS-23 (2.0')

Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Lab Sample ID: 880-35979-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	67383	11/20/23 10:12	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	67367	11/20/23 13:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			67548	11/20/23 13:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			67539	11/20/23 23:19	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	67406	11/20/23 12:11	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	67360	11/20/23 23:19	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	67365	11/19/23 15:44	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	67552	11/20/23 20:49	SMC	EET MID

Client Sample ID: SW-1 (4.5')

Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Lab Sample ID: 880-35979-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	67383	11/20/23 10:12	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	67367	11/20/23 13:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			67548	11/20/23 13:37	SM	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Client Sample ID: SW-1 (4.5')

Lab Sample ID: 880-35979-24
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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			67539	11/20/23 23:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	67406	11/20/23 12:11	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	67360	11/20/23 23:41	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	67365	11/19/23 15:44	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	67552	11/20/23 21:07	SMC	EET MID

Client Sample ID: SW-2 (4.5')

Lab Sample ID: 880-35979-25
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Prep 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	67383	11/20/23 10:12	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	67367	11/20/23 14:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			67548	11/20/23 14:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			67539	11/21/23 00:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	67406	11/20/23 12:11	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	67360	11/21/23 00:02	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	67365	11/19/23 15:44	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	67552	11/20/23 21:13	SMC	EET MID

Client Sample ID: SW-3 (4.5')

Lab Sample ID: 880-35979-26
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Prep 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	67383	11/20/23 10:12	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	67367	11/20/23 14:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			67548	11/20/23 14:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			67539	11/21/23 00:22	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	67406	11/20/23 12:11	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	67360	11/21/23 00:22	AJ	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	67365	11/19/23 15:44	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	67552	11/20/23 21:19	SMC	EET MID

Client Sample ID: SW-4 (4.5')

Lab Sample ID: 880-35979-27
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Prep 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	67383	11/20/23 10:12	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	67367	11/20/23 14:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			67548	11/20/23 14:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			67539	11/21/23 00:44	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	67406	11/20/23 12:11	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	67360	11/21/23 00:44	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Client Sample ID: SW-4 (4.5')

Lab Sample ID: 880-35979-27
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	67365	11/19/23 15:44	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	67552	11/20/23 21:25	SMC	EET MID

Client Sample ID: SW-5 (1.5')

Lab Sample ID: 880-35979-28
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Prep 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	67383	11/20/23 10:12	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	67367	11/20/23 15:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			67548	11/20/23 15:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			67539	11/21/23 01:05	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	67406	11/20/23 12:11	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	67360	11/21/23 01:05	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	67365	11/19/23 15:44	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	67552	11/20/23 21:30	SMC	EET MID

Client Sample ID: SW-6 (3.0')

Lab Sample ID: 880-35979-29
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Prep 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	67383	11/20/23 10:12	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	67367	11/20/23 15:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			67548	11/20/23 15:49	SM	EET MID
Total/NA	Analysis	8015 NM		1			67539	11/21/23 01:26	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	67406	11/20/23 12:11	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	67360	11/21/23 01:26	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	67365	11/19/23 15:44	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	67552	11/20/23 21:36	SMC	EET MID

Client Sample ID: SW-7 (1.0')

Lab Sample ID: 880-35979-30
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Prep 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	67383	11/20/23 10:12	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	67367	11/20/23 16:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			67548	11/20/23 16:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			67539	11/21/23 02:08	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	67406	11/20/23 12:11	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	67360	11/21/23 02:08	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	67365	11/19/23 15:44	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	67552	11/20/23 21:42	SMC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Client Sample ID: SW-8 (1.0')

Lab Sample ID: 880-35979-31
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Prep 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	67580	11/21/23 14:52	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	67556	11/22/23 04:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			67548	11/22/23 04:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			67539	11/21/23 02:29	SM	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	67406	11/20/23 12:11	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	67360	11/21/23 02:29	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	67366	11/19/23 15:45	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	67554	11/20/23 22:30	SMC	EET MID

Client Sample ID: SW-9 (2.0')

Lab Sample ID: 880-35979-32
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Prep 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	67580	11/21/23 14:52	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	67556	11/22/23 04:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			67548	11/22/23 04:38	SM	EET MID
Total/NA	Analysis	8015 NM		1			67539	11/21/23 02:50	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	67406	11/20/23 12:11	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	67360	11/21/23 02:50	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	67366	11/19/23 15:45	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	67554	11/20/23 22:47	SMC	EET MID

Client Sample ID: SW-10 (2.0')

Lab Sample ID: 880-35979-33
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Prep 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	67580	11/21/23 14:52	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	67556	11/22/23 04:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			67548	11/22/23 04:58	SM	EET MID
Total/NA	Analysis	8015 NM		1			67539	11/21/23 03:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	67406	11/20/23 12:11	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	67360	11/21/23 03:11	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	67366	11/19/23 15:45	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	67554	11/20/23 22:53	SMC	EET MID

Client Sample ID: SW-11 (2.0')

Lab Sample ID: 880-35979-34
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Prep 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	67580	11/21/23 14:52	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	67556	11/22/23 05:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			67548	11/22/23 05:19	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Client Sample ID: SW-11 (2.0')

Lab Sample ID: 880-35979-34
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

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			67539	11/21/23 03:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	67406	11/20/23 12:11	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	67360	11/21/23 03:32	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	67366	11/19/23 15:45	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	67554	11/20/23 22:59	SMC	EET MID

Client Sample ID: SW-12 (2.0')

Lab Sample ID: 880-35979-35
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Prep 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	67580	11/21/23 14:52	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	67556	11/22/23 05:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			67548	11/22/23 05:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			67539	11/21/23 03:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	67406	11/20/23 12:11	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	67360	11/21/23 03:53	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	67366	11/19/23 15:45	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	67554	11/20/23 23:05	SMC	EET MID

Client Sample ID: SW-13 (2.0')

Lab Sample ID: 880-35979-36
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Prep 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	67580	11/21/23 14:52	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	67556	11/22/23 06:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			67548	11/22/23 06:00	SM	EET MID
Total/NA	Analysis	8015 NM		1			67539	11/21/23 04:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	67406	11/20/23 12:11	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	67360	11/21/23 04:14	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	67366	11/19/23 15:45	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	67554	11/20/23 23:23	SMC	EET MID

Client Sample ID: SW-14 (2.0')

Lab Sample ID: 880-35979-37
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Prep 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	67580	11/21/23 14:52	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	67556	11/22/23 06:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			67548	11/22/23 06:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			67539	11/21/23 04:35	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	67406	11/20/23 12:11	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	67360	11/21/23 04:35	AJ	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Client Sample ID: SW-14 (2.0')

Lab Sample ID: 880-35979-37
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	67366	11/19/23 15:45	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	67554	11/20/23 23:29	SMC	EET MID

Client Sample ID: SW-15 (2.0')

Lab Sample ID: 880-35979-38
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Prep 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	67580	11/21/23 14:52	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	67556	11/22/23 06:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			67548	11/22/23 06:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			67539	11/21/23 04:56	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	67406	11/20/23 12:11	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	67360	11/21/23 04:56	AJ	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	67366	11/19/23 15:45	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	67554	11/20/23 23:35	SMC	EET MID

Client Sample ID: SW-16 (2.0')

Lab Sample ID: 880-35979-39
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Prep 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	67580	11/21/23 14:52	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	67556	11/22/23 07:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			67548	11/22/23 07:01	SM	EET MID
Total/NA	Analysis	8015 NM		1			67539	11/21/23 05:17	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	67406	11/20/23 12:11	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	67360	11/21/23 05:17	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	67366	11/19/23 15:45	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	67554	11/20/23 23:40	SMC	EET MID

Client Sample ID: SW-17 (2.0')

Lab Sample ID: 880-35979-40
Matrix: Solid
Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Prep 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	67580	11/21/23 14:52	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	67556	11/22/23 07:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			67548	11/22/23 07:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			67539	11/21/23 10:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.10 g	10 mL	67421	11/20/23 12:14	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	67486	11/21/23 10:54	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	67366	11/19/23 15:45	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	67554	11/20/23 23:46	SMC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Client Sample ID: SW-18 (2.0')

Date Collected: 11/16/23 00:00
Date Received: 11/17/23 16:43

Lab Sample ID: 880-35979-41

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	67387	11/20/23 11:06	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	67369	11/21/23 00:41	SM	EET MID
Total/NA	Analysis	Total BTEX		1			67548	11/21/23 00:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			67539	11/21/23 12:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	67421	11/20/23 12:14	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	67486	11/21/23 12:00	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	67366	11/19/23 15:45	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	67554	11/20/23 23:52	SMC	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-23-26	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: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Ross Draw Reuse Pit Layflat

Job ID: 880-35979-1
SDG: Eddy County, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-35979-1	CS-1 (4.5')	Solid	11/16/23 00:00	11/17/23 16:43
880-35979-2	CS-2 (4.5')	Solid	11/16/23 00:00	11/17/23 16:43
880-35979-3	CS-3 (4.5')	Solid	11/16/23 00:00	11/17/23 16:43
880-35979-4	CS-4 (4.5')	Solid	11/16/23 00:00	11/17/23 16:43
880-35979-5	CS-5 (4.5')	Solid	11/16/23 00:00	11/17/23 16:43
880-35979-6	CS-6 (3.0')	Solid	11/16/23 00:00	11/17/23 16:43
880-35979-7	CS-7 (3.0')	Solid	11/16/23 00:00	11/17/23 16:43
880-35979-8	CS-8 (3.0')	Solid	11/16/23 00:00	11/17/23 16:43
880-35979-9	CS-9 (3.0')	Solid	11/16/23 00:00	11/17/23 16:43
880-35979-10	CS-10 (3.0')	Solid	11/16/23 00:00	11/17/23 16:43
880-35979-11	CS-11 (2.0')	Solid	11/16/23 00:00	11/17/23 16:43
880-35979-12	CS-12 (2.0')	Solid	11/16/23 00:00	11/17/23 16:43
880-35979-13	CS-13 (2.0')	Solid	11/16/23 00:00	11/17/23 16:43
880-35979-14	CS-14 (2.0')	Solid	11/16/23 00:00	11/17/23 16:43
880-35979-15	CS-15 (2.0')	Solid	11/16/23 00:00	11/17/23 16:43
880-35979-16	CS-16 (2.0')	Solid	11/16/23 00:00	11/17/23 16:43
880-35979-17	CS-17 (2.0')	Solid	11/16/23 00:00	11/17/23 16:43
880-35979-18	CS-18 (2.0')	Solid	11/16/23 00:00	11/17/23 16:43
880-35979-19	CS-19 (2.0')	Solid	11/16/23 00:00	11/17/23 16:43
880-35979-20	CS-20 (3.0')	Solid	11/16/23 00:00	11/17/23 16:43
880-35979-21	CS-21 (2.0')	Solid	11/16/23 00:00	11/17/23 16:43
880-35979-22	CS-22 (2.0')	Solid	11/16/23 00:00	11/17/23 16:43
880-35979-23	CS-23 (2.0')	Solid	11/16/23 00:00	11/17/23 16:43
880-35979-24	SW-1 (4.5')	Solid	11/16/23 00:00	11/17/23 16:43
880-35979-25	SW-2 (4.5')	Solid	11/16/23 00:00	11/17/23 16:43
880-35979-26	SW-3 (4.5')	Solid	11/16/23 00:00	11/17/23 16:43
880-35979-27	SW-4 (4.5')	Solid	11/16/23 00:00	11/17/23 16:43
880-35979-28	SW-5 (1.5')	Solid	11/16/23 00:00	11/17/23 16:43
880-35979-29	SW-6 (3.0')	Solid	11/16/23 00:00	11/17/23 16:43
880-35979-30	SW-7 (1.0')	Solid	11/16/23 00:00	11/17/23 16:43
880-35979-31	SW-8 (1.0')	Solid	11/16/23 00:00	11/17/23 16:43
880-35979-32	SW-9 (2.0')	Solid	11/16/23 00:00	11/17/23 16:43
880-35979-33	SW-10 (2.0')	Solid	11/16/23 00:00	11/17/23 16:43
880-35979-34	SW-11 (2.0')	Solid	11/16/23 00:00	11/17/23 16:43
880-35979-35	SW-12 (2.0')	Solid	11/16/23 00:00	11/17/23 16:43
880-35979-36	SW-13 (2.0')	Solid	11/16/23 00:00	11/17/23 16:43
880-35979-37	SW-14 (2.0')	Solid	11/16/23 00:00	11/17/23 16:43
880-35979-38	SW-15 (2.0')	Solid	11/16/23 00:00	11/17/23 16:43
880-35979-39	SW-16 (2.0')	Solid	11/16/23 00:00	11/17/23 16:43
880-35979-40	SW-17 (2.0')	Solid	11/16/23 00:00	11/17/23 16:43
880-35979-41	SW-18 (2.0')	Solid	11/16/23 00:00	11/17/23 16:43

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V

880-35979 Chain of Custody

11/22/2023

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Project Manager	Devin Dominguez	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	432-701-5475	Email	Todd_Wells@eogresources.com

Work Order Comments

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

State of Project:

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

Deliverables. EDD ☐ ADaPT ☐ Other

Project Name:	Ross Draw Reuse Pit Layflat	Turn Around	
Project Number	2106	☐ Routine	☑ Rush
Project Location	Eddy County, NM	Due Date	24 HR
Sampler's Name	JM		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID	DH8	
Cooler Custody Seals	Yes No N/A	Correction Factor	+.2	
Sample Custody Seals	Yes No N/A	Temperature Reading:	-8.3	
Total Containers		Corrected Temperature.	-8.1	

ANALYSIS REQUEST

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300 0
CS-1 (4.5')	11/16/2023		X		Comp	1	X	X	X
CS-2 (4.5')	11/16/2023		X		Comp	1	X	X	X
CS-3 (4.5')	11/16/2023		X		Comp	1	X	X	X
CS-4 (4.5')	11/16/2023		X		Comp	1	X	X	X
CS-5 (4.5')	11/16/2023		X		Comp	1	X	X	X
CS-6 (3.0')	11/16/2023		X		Comp	1	X	X	X
CS-7 (3.0')	11/16/2023		X		Comp	1	X	X	X
CS-8 (3.0')	11/16/2023		X		Comp	1	X	X	X
CS-9 (3.0')	11/16/2023		X		Comp	1	X	X	X
CS-10 (3.0')	11/16/2023		X		Comp	1	X	X	X

Preservative Codes

None. NO	DI Water H_2O
Cool Cool	MeOH Me
HCL HC	HNO_3. HN
H_2S0_4 H_2	NaOH Na
H_3PO_4. HP	
$NaHSO_4$. NABIS	
$Na_2S_2O_3$. $NaSO_3$	
Zn Acetate+NaOH Zn	
NaOH+Ascorbic Acid SAPC	

Sample Comments

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	11/17/23 1045		

Received by OCD: 6/8/2026 3:06:29 PM

Released to Imaging: 6/15/2026 3:41:09 PM

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Work Order No: 35979

11/22/2023

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Project Manager	Devin Dominguez	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	432-701-5475 Email	Email	Todd_Wells@eogresources.com

Work Order Comments

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

State of Project:

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

Deliverables EDD ☐ ADaPT ☐ Other

Project Name.	Ross Draw Reuse Pit Layflat	Turn Around	
Project Number	2106	☐ Routine ☑ Rush	
Project Location	Eddy County, NM	Due Date	24 HR
Sampler's Name	JM		
PO #			

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

ANALYSIS REQUEST

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0
CS-11 (2.0')	11/16/2023		X		Comp	1		X	X	X
CS-12 (2.0')	11/16/2023		X		Comp	1		X	X	X
CS-13 (2.0')	11/16/2023		X		Comp	1		X	X	X
CS-14 (2.0')	11/16/2023		X		Comp	1		X	X	X
CS-15 (2.0')	11/16/2023		X		Comp	1		X	X	X
CS-16 (2.0')	11/16/2023		X		Comp	1		X	X	X
CS-17 (2.0')	11/16/2023		X		Comp	1		X	X	X
CS-18 (2.0')	11/16/2023		X		Comp	1		X	X	X
CS-19 (2.0')	11/16/2023		X		Comp	1		X	X	X
CS-20 (3.0')	11/16/2023		X		Comp	1		X	X	X

Parameters

Preservative Codes

None. NO DI Water H_2O

Cool Cool MeOH Me

HCL. HC HNO_3. HN

H_2SO_4. H_2 NaOH Na

H_3PO_4. HP

$NaHSO_4$. NABIS

$Na_2S_2O_3$. $NaSO_3$

Zn Acetate+NaOH Zn

NaOH+Ascorbic Acid SAPC

Sample Comments

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	11/17/23 1643		

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Received by OCD: 6/8/2026 3:06:29 PM

Released to Imaging: 6/15/2026 3:41:09 PM

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Work Order No: 35979

11/22/2023

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Project Manager	Devin Dominguez	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	432-701-5475	Email	Todd_Wells@eogresources.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ rownfields ☐ RC ☐ perfund ☐

State of Project:

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

Deliverables EDD ☐ ADaPT ☐ Other

Project Name:	Ross Draw Reuse Pit Layflat	Turn Around	
Project Number	2106	☐ Routine ☑ Rush	
Project Location	Eddy County, NM	Due Date	24 HR
Sampler's Name	JM		
PO #:			

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

Preservative Codes

None: NO DI Water H_2O

Cool Cool MeOH Me

HCL. HC HNO_3 HN

H_2S0_4. H_2 NaOH Na

H_3PO_4. HP

$NaHSO_4$ NABIS

$Na_2S_2O_3$. $NaSO_3$

Zn Acetate+NaOH Zn

NaOH+Ascorbic Acid SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
CS-21 (2.0')	11/16/2023		X		Comp	1		X	X	X	
CS-22 (2.0')	11/16/2023		X		Comp	1		X	X	X	
CS-23 (2.0')	11/16/2023		X		Comp	1		X	X	X	
SW-1 (4.5')	11/16/2023		X		Comp	1		X	X	X	
SW-2 (4.5')	11/16/2023		X		Comp	1		X	X	X	
SW-3 (4.5')	11/16/2023		X		Comp	1		X	X	X	
SW-4 (4.5')	11/16/2023		X		Comp	1		X	X	X	
SW-5 (1.5')	11/16/2023		X		Comp	1		X	X	X	
SW-6 (3 0')	11/16/2023		X		Comp	1		X	X	X	
SW-7 (1.0')	11/16/2023		X		Comp	1		X	X	X	

Parameters

ANALYSIS REQUEST

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	11/17/23 1643		

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Received by OCD: 6/8/2026 3:06:29 PM

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Work Order No: 35979

11/22/2023

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Project Manager	Devin Dominguez	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	432-701-5475 Email		Todd_Wells@eogresources.com

Work Order Comments

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

State of Project:

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

Deliverables. EDD ☐ ADaPT ☐ Other

Project Name:	Ross Draw Reuse Pit Layflat	Turn Around	
Project Number	2106	☐ Routine	☑ Rush
Project Location	Eddy County, NM	Due Date	24 HR
Sampler's Name.	JM		
PO #:			

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

Preservative Codes

None: NO DI Water H_2O

Cool Cool MeOH. Me

HCL. HC HNO_3 HN

H_2S0_4. H_2 NaOH Na

H_3PO_4. HP

$NaHSO_4$. NABIS

$Na_2S_2O_3$. $NaSO_3$

Zn Acetate+NaOH Zn

NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
SW-8 (1.0')	11/16/2023		X		Comp	1		X	X	X	
SW-9 (2.0')	11/16/2023		X		Comp	1		X	X	X	
SW-10 (2.0')	11/16/2023		X		Comp	1		X	X	X	
SW-11 (2.0')	11/16/2023		X		Comp	1		X	X	X	
SW-12 (2.0')	11/16/2023		X		Comp	1		X	X	X	
SW-13 (2.0')	11/16/2023		X		Comp	1		X	X	X	
SW-14 (2.0')	11/16/2023		X		Comp	1		X	X	X	
SW-15 (2.0')	11/16/2023		X		Comp	1		X	X	X	
SW-16 (2.0')	11/16/2023		X		Comp	1		X	X	X	
SW-17 (2.0')	11/16/2023		X		Comp	1		X	X	X	

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

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	11/17/23		
	1643		

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Received by OCD: 6/8/2026 3:06:29 PM

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Work Order No: — Loc: 880 35979 — 11/22/2023

Pa

Project Manager	Devin Dominguez	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	432-701-5475	Email	Todd_Wells@eogresources.com

Work Order Comments

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

State of Project:

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

Deliverables EDD ☐ ADaPT ☐ Other

Project Name:	Ross Draw Reuse Pit Layflat	Turn Around	
Project Number	2106	☐ Routine	☑ Rush
Project Location	Eddy County, NM	Due Date	24 HR
Sampler's Name	JM		
PO #:			

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

Preservative Codes

None: NO — DI Water H_2O

Cool Cool — MeOH Me

HCL. HC — HNO_3. HN

H_2S0_4 H_2 — NaOH Na

H_3PO_4. HP

$NaHSO_4$. NABIS

$Na_2S_2O_3$. $NaSO_3$

Zn Acetate+NaOH Zn

NaOH+Ascorbic Acid SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300 0	Sample Comments
SW-18 (2.0')	11/16/2023		X		Comp	1		X	X	X	

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

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	11/17/23		

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Received by OCD: 6/8/2026 3:06:29 PM

Released to Imaging: 6/15/2026 3:41:09 PM

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-35979-1
SDG Number: Eddy County, NM

Login Number: 35979
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	

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

November 21, 2023

DEVIN DOMINGUEZ

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: ROSS DRAW REUSE PIT LAYFLAT

Enclosed are the results of analyses for samples received by the laboratory on 11/20/23 10:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
DEVIN DOMINGUEZ
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	11/20/2023	Sampling Date:	11/17/2023
Reported:	11/21/2023	Sampling Type:	Soil
Project Name:	ROSS DRAW REUSE PIT LAYFLAT	Sampling Condition:	Cool & Intact
Project Number:	2106	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY COUNTY, NM		

Sample ID: CS - 24 (1.5') (H236310-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2023	ND	2.18	109	2.00	1.11	
Toluene*	<0.050	0.050	11/20/2023	ND	2.15	108	2.00	1.54	
Ethylbenzene*	<0.050	0.050	11/20/2023	ND	2.11	106	2.00	1.86	
Total Xylenes*	<0.150	0.150	11/20/2023	ND	6.69	111	6.00	1.21	
Total BTEX	<0.300	0.300	11/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/20/2023	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2023	ND	226	113	200	4.85	
DRO >C10-C28*	<10.0	10.0	11/20/2023	ND	228	114	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	11/20/2023	ND					

Surrogate: 1-Chlorooctane *122 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *139 %* *49.1-148*

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

CARMONA RESOURCES
DEVIN DOMINGUEZ
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	11/20/2023	Sampling Date:	11/17/2023
Reported:	11/21/2023	Sampling Type:	Soil
Project Name:	ROSS DRAW REUSE PIT LAYFLAT	Sampling Condition:	Cool & Intact
Project Number:	2106	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY COUNTY, NM		

Sample ID: CS - 25 (1.5') (H236310-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2023	ND	2.18	109	2.00	1.11	
Toluene*	<0.050	0.050	11/20/2023	ND	2.15	108	2.00	1.54	
Ethylbenzene*	<0.050	0.050	11/20/2023	ND	2.11	106	2.00	1.86	
Total Xylenes*	<0.150	0.150	11/20/2023	ND	6.69	111	6.00	1.21	
Total BTEX	<0.300	0.300	11/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/20/2023	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2023	ND	226	113	200	4.85	
DRO >C10-C28*	<10.0	10.0	11/20/2023	ND	228	114	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	11/20/2023	ND					

Surrogate: 1-Chlorooctane *118 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *132 %* *49.1-148*

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

CARMONA RESOURCES
DEVIN DOMINGUEZ
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	11/20/2023	Sampling Date:	11/17/2023
Reported:	11/21/2023	Sampling Type:	Soil
Project Name:	ROSS DRAW REUSE PIT LAYFLAT	Sampling Condition:	Cool & Intact
Project Number:	2106	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY COUNTY, NM		

Sample ID: CS - 26 (1.5') (H236310-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2023	ND	2.18	109	2.00	1.11	
Toluene*	<0.050	0.050	11/20/2023	ND	2.15	108	2.00	1.54	
Ethylbenzene*	<0.050	0.050	11/20/2023	ND	2.11	106	2.00	1.86	
Total Xylenes*	<0.150	0.150	11/20/2023	ND	6.69	111	6.00	1.21	
Total BTEX	<0.300	0.300	11/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	11/20/2023	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2023	ND	226	113	200	4.85	
DRO >C10-C28*	<10.0	10.0	11/20/2023	ND	228	114	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	11/20/2023	ND					

Surrogate: 1-Chlorooctane *117 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *138 %* *49.1-148*

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

CARMONA RESOURCES
DEVIN DOMINGUEZ
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	11/20/2023	Sampling Date:	11/17/2023
Reported:	11/21/2023	Sampling Type:	Soil
Project Name:	ROSS DRAW REUSE PIT LAYFLAT	Sampling Condition:	Cool & Intact
Project Number:	2106	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY COUNTY, NM		

Sample ID: CS - 27 (1.5') (H236310-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2023	ND	2.18	109	2.00	1.11	
Toluene*	<0.050	0.050	11/20/2023	ND	2.15	108	2.00	1.54	
Ethylbenzene*	<0.050	0.050	11/20/2023	ND	2.11	106	2.00	1.86	
Total Xylenes*	<0.150	0.150	11/20/2023	ND	6.69	111	6.00	1.21	
Total BTEX	<0.300	0.300	11/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	11/20/2023	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2023	ND	226	113	200	4.85	
DRO >C10-C28*	<10.0	10.0	11/20/2023	ND	228	114	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	11/20/2023	ND					

Surrogate: 1-Chlorooctane *109 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *123 %* *49.1-148*

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

CARMONA RESOURCES
DEVIN DOMINGUEZ
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	11/20/2023	Sampling Date:	11/17/2023
Reported:	11/21/2023	Sampling Type:	Soil
Project Name:	ROSS DRAW REUSE PIT LAYFLAT	Sampling Condition:	Cool & Intact
Project Number:	2106	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY COUNTY, NM		

Sample ID: CS - 28 (1.5') (H236310-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2023	ND	2.18	109	2.00	1.11	
Toluene*	<0.050	0.050	11/20/2023	ND	2.15	108	2.00	1.54	
Ethylbenzene*	<0.050	0.050	11/20/2023	ND	2.11	106	2.00	1.86	
Total Xylenes*	<0.150	0.150	11/20/2023	ND	6.69	111	6.00	1.21	
Total BTEX	<0.300	0.300	11/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	11/20/2023	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2023	ND	226	113	200	4.85	
DRO >C10-C28*	<10.0	10.0	11/20/2023	ND	228	114	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	11/20/2023	ND					

Surrogate: 1-Chlorooctane *110 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *121 %* *49.1-148*

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

CARMONA RESOURCES
DEVIN DOMINGUEZ
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	11/20/2023	Sampling Date:	11/17/2023
Reported:	11/21/2023	Sampling Type:	Soil
Project Name:	ROSS DRAW REUSE PIT LAYFLAT	Sampling Condition:	Cool & Intact
Project Number:	2106	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY COUNTY, NM		

Sample ID: CS - 29 (1.5') (H236310-06)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2023	ND	2.18	109	2.00	1.11	
Toluene*	<0.050	0.050	11/20/2023	ND	2.15	108	2.00	1.54	
Ethylbenzene*	<0.050	0.050	11/20/2023	ND	2.11	106	2.00	1.86	
Total Xylenes*	<0.150	0.150	11/20/2023	ND	6.69	111	6.00	1.21	
Total BTEX	<0.300	0.300	11/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	11/20/2023	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2023	ND	226	113	200	4.85	
DRO >C10-C28*	<10.0	10.0	11/20/2023	ND	228	114	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	11/20/2023	ND					

Surrogate: 1-Chlorooctane *119 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *134 %* *49.1-148*

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

CARMONA RESOURCES
DEVIN DOMINGUEZ
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	11/20/2023	Sampling Date:	11/17/2023
Reported:	11/21/2023	Sampling Type:	Soil
Project Name:	ROSS DRAW REUSE PIT LAYFLAT	Sampling Condition:	Cool & Intact
Project Number:	2106	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY COUNTY, NM		

Sample ID: CS - 30 (1.5') (H236310-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2023	ND	2.18	109	2.00	1.11	
Toluene*	<0.050	0.050	11/20/2023	ND	2.15	108	2.00	1.54	
Ethylbenzene*	<0.050	0.050	11/20/2023	ND	2.11	106	2.00	1.86	
Total Xylenes*	<0.150	0.150	11/20/2023	ND	6.69	111	6.00	1.21	
Total BTEX	<0.300	0.300	11/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	11/20/2023	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2023	ND	226	113	200	4.85	
DRO >C10-C28*	<10.0	10.0	11/20/2023	ND	228	114	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	11/20/2023	ND					

Surrogate: 1-Chlorooctane *123 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *139 %* *49.1-148*

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

CARMONA RESOURCES
DEVIN DOMINGUEZ
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	11/20/2023	Sampling Date:	11/17/2023
Reported:	11/21/2023	Sampling Type:	Soil
Project Name:	ROSS DRAW REUSE PIT LAYFLAT	Sampling Condition:	Cool & Intact
Project Number:	2106	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY COUNTY, NM		

Sample ID: CS - 31 (1.5') (H236310-08)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2023	ND	2.18	109	2.00	1.11	
Toluene*	<0.050	0.050	11/20/2023	ND	2.15	108	2.00	1.54	
Ethylbenzene*	<0.050	0.050	11/20/2023	ND	2.11	106	2.00	1.86	
Total Xylenes*	<0.150	0.150	11/20/2023	ND	6.69	111	6.00	1.21	
Total BTEX	<0.300	0.300	11/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	11/20/2023	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2023	ND	226	113	200	4.85	
DRO >C10-C28*	<10.0	10.0	11/20/2023	ND	228	114	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	11/20/2023	ND					

Surrogate: 1-Chlorooctane *125 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *141 %* *49.1-148*

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
DEVIN DOMINGUEZ
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	11/20/2023	Sampling Date:	11/17/2023
Reported:	11/21/2023	Sampling Type:	Soil
Project Name:	ROSS DRAW REUSE PIT LAYFLAT	Sampling Condition:	Cool & Intact
Project Number:	2106	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY COUNTY, NM		

Sample ID: SW - 19 (2.5') (H236310-09)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2023	ND	2.18	109	2.00	1.11	
Toluene*	<0.050	0.050	11/20/2023	ND	2.15	108	2.00	1.54	
Ethylbenzene*	<0.050	0.050	11/20/2023	ND	2.11	106	2.00	1.86	
Total Xylenes*	<0.150	0.150	11/20/2023	ND	6.69	111	6.00	1.21	
Total BTEX	<0.300	0.300	11/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	11/20/2023	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2023	ND	226	113	200	4.85	
DRO >C10-C28*	<10.0	10.0	11/20/2023	ND	228	114	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	11/20/2023	ND					

Surrogate: 1-Chlorooctane *126 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *142 %* *49.1-148*

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
DEVIN DOMINGUEZ
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	11/20/2023	Sampling Date:	11/17/2023
Reported:	11/21/2023	Sampling Type:	Soil
Project Name:	ROSS DRAW REUSE PIT LAYFLAT	Sampling Condition:	Cool & Intact
Project Number:	2106	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY COUNTY, NM		

Sample ID: SW - 20 (3.0') (H236310-10)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2023	ND	2.18	109	2.00	1.11	
Toluene*	<0.050	0.050	11/20/2023	ND	2.15	108	2.00	1.54	
Ethylbenzene*	<0.050	0.050	11/20/2023	ND	2.11	106	2.00	1.86	
Total Xylenes*	<0.150	0.150	11/20/2023	ND	6.69	111	6.00	1.21	
Total BTEX	<0.300	0.300	11/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	11/20/2023	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2023	ND	226	113	200	4.85	
DRO >C10-C28*	<10.0	10.0	11/21/2023	ND	228	114	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	11/21/2023	ND					

Surrogate: 1-Chlorooctane *127 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *143 %* *49.1-148*

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Analytical Results For:

CARMONA RESOURCES
DEVIN DOMINGUEZ
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	11/20/2023	Sampling Date:	11/17/2023
Reported:	11/21/2023	Sampling Type:	Soil
Project Name:	ROSS DRAW REUSE PIT LAYFLAT	Sampling Condition:	Cool & Intact
Project Number:	2106	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY COUNTY, NM		

Sample ID: SW - 21 (2.5') (H236310-11)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2023	ND	2.18	109	2.00	1.11	
Toluene*	<0.050	0.050	11/20/2023	ND	2.15	108	2.00	1.54	
Ethylbenzene*	<0.050	0.050	11/20/2023	ND	2.11	106	2.00	1.86	
Total Xylenes*	<0.150	0.150	11/20/2023	ND	6.69	111	6.00	1.21	
Total BTEX	<0.300	0.300	11/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	11/20/2023	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2023	ND	226	113	200	4.85	
DRO >C10-C28*	<10.0	10.0	11/21/2023	ND	228	114	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	11/21/2023	ND					

Surrogate: 1-Chlorooctane *104 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *118 %* *49.1-148*

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Analytical Results For:

CARMONA RESOURCES
DEVIN DOMINGUEZ
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	11/20/2023	Sampling Date:	11/17/2023
Reported:	11/21/2023	Sampling Type:	Soil
Project Name:	ROSS DRAW REUSE PIT LAYFLAT	Sampling Condition:	Cool & Intact
Project Number:	2106	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY COUNTY, NM		

Sample ID: SW - 22 (1.5') (H236310-12)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2023	ND	2.18	109	2.00	1.11	
Toluene*	<0.050	0.050	11/20/2023	ND	2.15	108	2.00	1.54	
Ethylbenzene*	<0.050	0.050	11/20/2023	ND	2.11	106	2.00	1.86	
Total Xylenes*	<0.150	0.150	11/20/2023	ND	6.69	111	6.00	1.21	
Total BTEX	<0.300	0.300	11/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	11/20/2023	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2023	ND	226	113	200	4.85	
DRO >C10-C28*	<10.0	10.0	11/21/2023	ND	228	114	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	11/21/2023	ND					

Surrogate: 1-Chlorooctane *114 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *127 %* *49.1-148*

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Analytical Results For:

CARMONA RESOURCES
DEVIN DOMINGUEZ
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	11/20/2023	Sampling Date:	11/17/2023
Reported:	11/21/2023	Sampling Type:	Soil
Project Name:	ROSS DRAW REUSE PIT LAYFLAT	Sampling Condition:	Cool & Intact
Project Number:	2106	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY COUNTY, NM		

Sample ID: SW - 23 (1.5') (H236310-13)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2023	ND	2.18	109	2.00	1.11	
Toluene*	<0.050	0.050	11/20/2023	ND	2.15	108	2.00	1.54	
Ethylbenzene*	<0.050	0.050	11/20/2023	ND	2.11	106	2.00	1.86	
Total Xylenes*	<0.150	0.150	11/20/2023	ND	6.69	111	6.00	1.21	
Total BTEX	<0.300	0.300	11/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	11/20/2023	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2023	ND	226	113	200	4.85	
DRO >C10-C28*	<10.0	10.0	11/21/2023	ND	228	114	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	11/21/2023	ND					

Surrogate: 1-Chlorooctane *88.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *94.2 %* *49.1-148*

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Analytical Results For:

CARMONA RESOURCES
DEVIN DOMINGUEZ
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	11/20/2023	Sampling Date:	11/17/2023
Reported:	11/21/2023	Sampling Type:	Soil
Project Name:	ROSS DRAW REUSE PIT LAYFLAT	Sampling Condition:	Cool & Intact
Project Number:	2106	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY COUNTY, NM		

Sample ID: SW - 24 (1.5') (H236310-14)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2023	ND	2.18	109	2.00	1.11	
Toluene*	<0.050	0.050	11/20/2023	ND	2.15	108	2.00	1.54	
Ethylbenzene*	<0.050	0.050	11/20/2023	ND	2.11	106	2.00	1.86	
Total Xylenes*	<0.150	0.150	11/20/2023	ND	6.69	111	6.00	1.21	
Total BTEX	<0.300	0.300	11/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	11/20/2023	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2023	ND	226	113	200	4.85	
DRO >C10-C28*	<10.0	10.0	11/21/2023	ND	228	114	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	11/21/2023	ND					

Surrogate: 1-Chlorooctane *121 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *136 %* *49.1-148*

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Analytical Results For:

CARMONA RESOURCES
DEVIN DOMINGUEZ
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	11/20/2023	Sampling Date:	11/17/2023
Reported:	11/21/2023	Sampling Type:	Soil
Project Name:	ROSS DRAW REUSE PIT LAYFLAT	Sampling Condition:	Cool & Intact
Project Number:	2106	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY COUNTY, NM		

Sample ID: SW - 25 (1.5') (H236310-15)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2023	ND	2.18	109	2.00	1.11	
Toluene*	<0.050	0.050	11/20/2023	ND	2.15	108	2.00	1.54	
Ethylbenzene*	<0.050	0.050	11/20/2023	ND	2.11	106	2.00	1.86	
Total Xylenes*	<0.150	0.150	11/20/2023	ND	6.69	111	6.00	1.21	
Total BTEX	<0.300	0.300	11/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	11/20/2023	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2023	ND	226	113	200	4.85	
DRO >C10-C28*	<10.0	10.0	11/21/2023	ND	228	114	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	11/21/2023	ND					

Surrogate: 1-Chlorooctane *126 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *141 %* *49.1-148*

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Analytical Results For:

CARMONA RESOURCES
DEVIN DOMINGUEZ
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	11/20/2023	Sampling Date:	11/17/2023
Reported:	11/21/2023	Sampling Type:	Soil
Project Name:	ROSS DRAW REUSE PIT LAYFLAT	Sampling Condition:	Cool & Intact
Project Number:	2106	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY COUNTY, NM		

Sample ID: SW - 26 (1.5') (H236310-16)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2023	ND	2.18	109	2.00	1.11	
Toluene*	<0.050	0.050	11/20/2023	ND	2.15	108	2.00	1.54	
Ethylbenzene*	<0.050	0.050	11/20/2023	ND	2.11	106	2.00	1.86	
Total Xylenes*	<0.150	0.150	11/20/2023	ND	6.69	111	6.00	1.21	
Total BTEX	<0.300	0.300	11/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	11/20/2023	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2023	ND	226	113	200	4.85	
DRO >C10-C28*	<10.0	10.0	11/21/2023	ND	228	114	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	11/21/2023	ND					

Surrogate: 1-Chlorooctane *129 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *144 %* *49.1-148*

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Analytical Results For:

CARMONA RESOURCES
DEVIN DOMINGUEZ
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	11/20/2023	Sampling Date:	11/17/2023
Reported:	11/21/2023	Sampling Type:	Soil
Project Name:	ROSS DRAW REUSE PIT LAYFLAT	Sampling Condition:	Cool & Intact
Project Number:	2106	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY COUNTY, NM		

Sample ID: SW - 27 (1.5') (H236310-17)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2023	ND	2.18	109	2.00	1.11	
Toluene*	<0.050	0.050	11/20/2023	ND	2.15	108	2.00	1.54	
Ethylbenzene*	<0.050	0.050	11/20/2023	ND	2.11	106	2.00	1.86	
Total Xylenes*	<0.150	0.150	11/20/2023	ND	6.69	111	6.00	1.21	
Total BTEX	<0.300	0.300	11/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	11/20/2023	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2023	ND	226	113	200	4.85	
DRO >C10-C28*	<10.0	10.0	11/21/2023	ND	228	114	200	4.87	
EXT DRO >C28-C36	<10.0	10.0	11/21/2023	ND					

Surrogate: 1-Chlorooctane *118 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *132 %* *49.1-148*

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

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Chain of Custody

Work Order No: HR363110

Page 1 of 2

Project Manager:	Devin Dominguez	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:	432-701-5475	Email:	Todd_Wells@eogresources.com

Work Order Comments

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

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Ross Draw Reuse Pit Layflat	Turn Around	
Project Number:	2106	☐ Routine ☑ Rush	
Project Location	Eddy County, NM	Due Date:	24 HR
Sampler's Name:	JM		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	140
Cooler Custody Seals:	Yes No N/A	Correction Factor:	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	3.8
Total Containers:		Corrected Temperature:	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
CS-24 (1.5')	11/17/2023		X		Comp	1		X	X	X	1
CS-25 (1.5')	11/17/2023		X		Comp	1		X	X	X	2
CS-26 (1.5')	11/17/2023		X		Comp	1		X	X	X	3
CS-27 (1.5')	11/17/2023		X		Comp	1		X	X	X	4
CS-28 (1.5')	11/17/2023		X		Comp	1		X	X	X	5
CS-29 (1.5')	11/17/2023		X		Comp	1		X	X	X	6
CS-30 (1.5')	11/17/2023		X		Comp	1		X	X	X	7
CS-31 (1.5')	11/17/2023		X		Comp	1		X	X	X	8
SW-19 (2.5')	11/17/2023		X		Comp	1		X	X	X	9
SW-20 (3.0')	11/17/2023		X		Comp	1		X	X	X	10

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

TEMP BLANK: -0.4 Sfrodriguez

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Conner Moehring	11-20-23	Sfrodriguez	11:20:23 1050

Received by OCD: 6/8/2026 3:06:29 PM

Released to Imaging: 6/15/2026 3:41:09 PM

Page 254 of 278

Chain of Custody

Work Order No: H236310

Page 2 of 2

Project Manager:	Devin Dominguez	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:	432-701-5475	Email:	Todd_Wells@eogresources.com

Work Order Comments

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

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Ross Draw Reuse Pit Layflat	Turn Around	
Project Number:	2106	☐ Routine ☑ Rush	
Project Location	Eddy County, NM	Due Date:	24 HR
Sampler's Name:	JM		
PO #:			

SAMPLE RECEIPT	Temp Blank: Yes No	Wet Ice: Yes No	
Received Intact:	Yes No	Thermometer ID:	140
Cooler Custody Seals:	Yes No N/A	Correction Factor:	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	3.8
Total Containers:		Corrected Temperature:	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
SW-21 (1.5')	11/17/2023		X		Comp	1		X	X	X	11
SW-22 (1.5')	11/17/2023		X		Comp	1		X	X	X	12
SW-23 (1.5')	11/17/2023		X		Comp	1		X	X	X	13
SW-24 (1.5')	11/17/2023		X		Comp	1		X	X	X	14
SW-25 (1.5')	11/17/2023		X		Comp	1		X	X	X	15
SW-26 (1.5')	11/17/2023		X		Comp	1		X	X	X	16
SW-27 (1.5')	11/17/2023		X		Comp	1		X	X	X	17

Preservative Codes

None: NO DI Water: H_2O

Cool: Cool MeOH: Me

HCL: HC HNO_3: HN

H_2S0_4: H_2 NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

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

TEMP BLANK: -0.4

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Ariana Arias	11-20-23	S Rodriguez	11.20.23 1050

Received by OCD: 6/8/2026 3:06:29 PM

Released to Imaging: 6/15/2026 3:41:09 PM

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

November 29, 2023

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: ROSS DRAW REUSE PIT LAYFLAT

Enclosed are the results of analyses for samples received by the laboratory on 11/28/23 8:02.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	11/28/2023	Sampling Date:	11/27/2023
Reported:	11/29/2023	Sampling Type:	Soil
Project Name:	ROSS DRAW REUSE PIT LAYFLAT	Sampling Condition:	Cool & Intact
Project Number:	2106	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA, NM		

Sample ID: DK FARMS CS - 1 (H236393-01)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/28/2023	ND	1.97	98.5	2.00	2.46	
Toluene*	<0.050	0.050	11/28/2023	ND	2.08	104	2.00	2.86	
Ethylbenzene*	<0.050	0.050	11/28/2023	ND	2.12	106	2.00	2.10	
Total Xylenes*	<0.150	0.150	11/28/2023	ND	6.46	108	6.00	0.618	
Total BTEX	<0.300	0.300	11/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *120 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	11/28/2023	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2023	ND	199	99.6	200	1.15	
DRO >C10-C28*	<10.0	10.0	11/28/2023	ND	220	110	200	4.45	
EXT DRO >C28-C36	<10.0	10.0	11/28/2023	ND					

Surrogate: 1-Chlorooctane *102 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *115 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	11/28/2023	Sampling Date:	11/27/2023
Reported:	11/29/2023	Sampling Type:	Soil
Project Name:	ROSS DRAW REUSE PIT LAYFLAT	Sampling Condition:	Cool & Intact
Project Number:	2106	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA, NM		

Sample ID: BAKER PIT CS - 1 (H236393-02)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/28/2023	ND	1.97	98.5	2.00	2.46	
Toluene*	<0.050	0.050	11/28/2023	ND	2.08	104	2.00	2.86	
Ethylbenzene*	<0.050	0.050	11/28/2023	ND	2.12	106	2.00	2.10	
Total Xylenes*	<0.150	0.150	11/28/2023	ND	6.46	108	6.00	0.618	
Total BTEX	<0.300	0.300	11/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *121 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	11/28/2023	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2023	ND	199	99.6	200	1.15	
DRO >C10-C28*	<10.0	10.0	11/28/2023	ND	220	110	200	4.45	
EXT DRO >C28-C36	<10.0	10.0	11/28/2023	ND					

Surrogate: 1-Chlorooctane *99.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *111 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	11/28/2023	Sampling Date:	11/27/2023
Reported:	11/29/2023	Sampling Type:	Soil
Project Name:	ROSS DRAW REUSE PIT LAYFLAT	Sampling Condition:	Cool & Intact
Project Number:	2106	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA, NM		

Sample ID: BAKER PIT CS - 2 (H236393-03)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/28/2023	ND	1.97	98.5	2.00	2.46	
Toluene*	<0.050	0.050	11/28/2023	ND	2.08	104	2.00	2.86	
Ethylbenzene*	<0.050	0.050	11/28/2023	ND	2.12	106	2.00	2.10	
Total Xylenes*	<0.150	0.150	11/28/2023	ND	6.46	108	6.00	0.618	
Total BTEX	<0.300	0.300	11/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *119 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	11/28/2023	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2023	ND	199	99.6	200	1.15	
DRO >C10-C28*	<10.0	10.0	11/28/2023	ND	220	110	200	4.45	
EXT DRO >C28-C36	<10.0	10.0	11/28/2023	ND					

Surrogate: 1-Chlorooctane *93.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *105 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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Chain of Custody

Work Order No: H236393

Page ___1___ of ___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/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Ross Draw Reuse Pit Layflat	Turn Around	☐ Routine ☑ Rush
Project Number:	2106	Due Date:	24Hrs
Project Location	Lea County, NM		
Sampler's Name:	FV		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	140
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	1.8c
Total Containers:		Corrected Temperature:	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

	Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
1	DK Farms CS-1	11/27/2023		X		C	1		X	X	X	
2	Baker Pit CS-1	11/27/2023		X		C	1		X	X	X	
3	Baker Pit CS-2	11/27/2023		X		C	1		X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	11-28-23 0802		

Received by OCD: 6/8/2026 3:06:29 PM

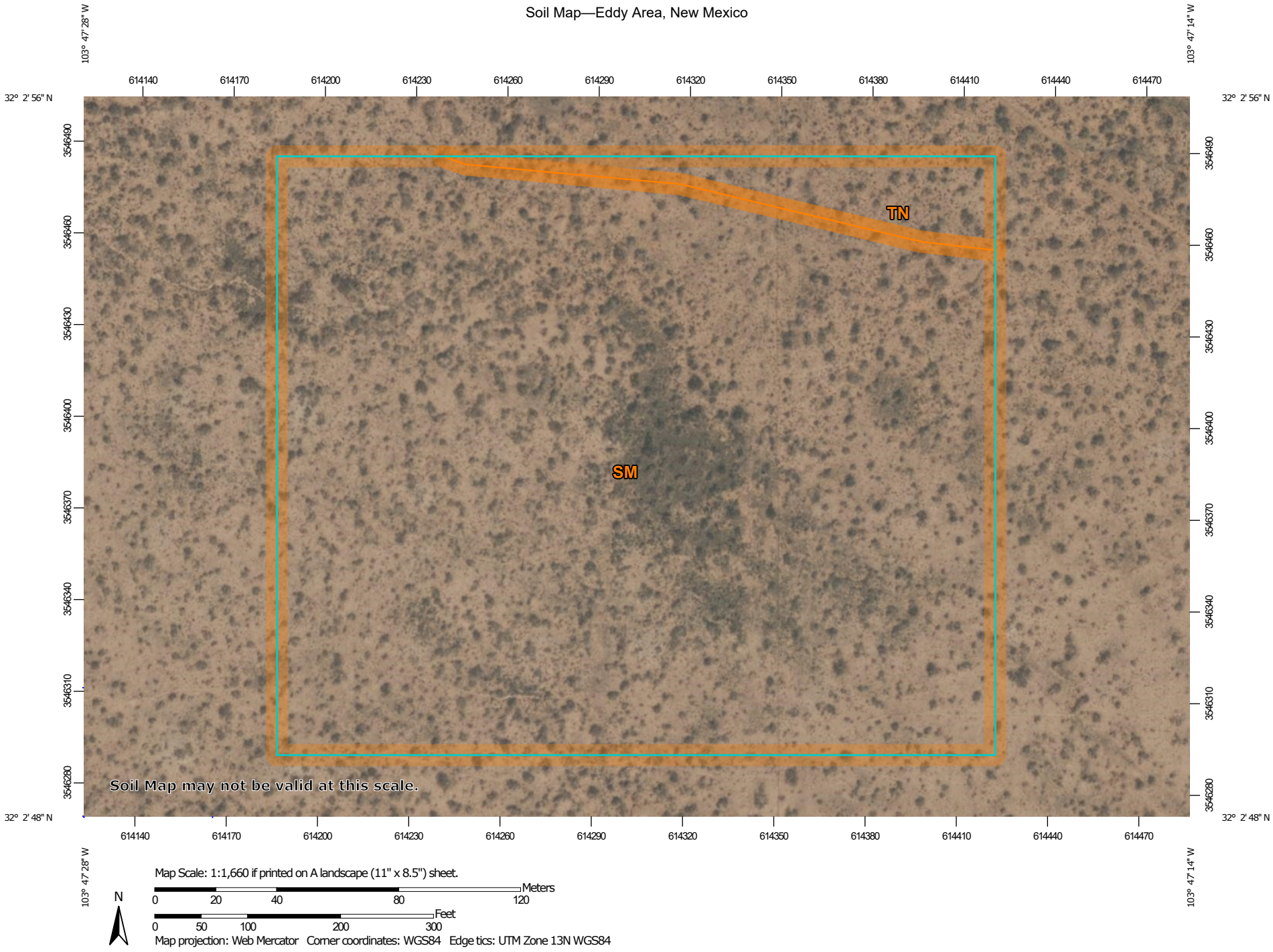
Released to Imaging: 6/15/2026 3:41:09 PM

APPENDIX F

CARMONA RESOURCES



Soil Map—Eddy Area, New Mexico



Map Scale: 1:1,660 if printed on A landscape (11" x 8.5") sheet.

N

Meters
0 20 40 80 120

Feet
0 50 100 200 300

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 13N WGS84

Received by OCD: 6/8/2026 3:06:29 PM

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: Eddy Area, New Mexico
Survey Area Data: Version 19, Sep 7, 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.

Released to Imaging: 6/15/2026 3:41:09 PM

Received by OCD: 6/8/2026 3:06:29 PM

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
SM	Simona-Bippus complex, 0 to 5 percent slopes	10.8	94.4%
TN	Tonuco loamy fine sand, 0 to 3 percent slopes, eroded	0.6	5.6%
Totals for Area of Interest		**11.5**	**100.0%**

Released to Imaging: 6/15/2026 3:41:09 PM

Eddy Area, New Mexico

SM—Simona-Bippus complex, 0 to 5 percent slopes

Map Unit Setting

National map unit symbol: 1w5x
Elevation: 1,800 to 5,000 feet
Mean annual precipitation: 8 to 24 inches
Mean annual air temperature: 57 to 70 degrees F
Frost-free period: 180 to 230 days
Farmland classification: Not prime farmland

Map Unit Composition

Simona and similar soils: 55 percent
Bippus and similar soils: 30 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Simona

Setting

Landform: Plains, alluvial fans
Landform position (three-dimensional): Rise
Down-slope shape: Convex, linear
Across-slope shape: Linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 19 inches: gravelly fine sandy loam
H2 - 19 to 23 inches: indurated

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 7 to 20 inches to petrocalcic
Drainage class: Well drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 15 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Very low (about 2.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: D

Ecological site: R070BD002NM - Shallow Sandy
Hydric soil rating: No

Description of Bippus

Setting

Landform: Flood plains, alluvial fans
Landform position (three-dimensional): Talf, rise
Down-slope shape: Convex, linear
Across-slope shape: Linear
Parent material: Mixed alluvium

Typical profile

H1 - 0 to 37 inches: silty clay loam
H2 - 37 to 60 inches: clay loam

Properties and qualities

Slope: 0 to 5 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: Occasional
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 8.7 inches)

Interpretive groups

Land capability classification (irrigated): 2e
Land capability classification (nonirrigated): 3e
Hydrologic Soil Group: B
Ecological site: R070BC017NM - Bottomland
Hydric soil rating: No

Minor Components

Simona

Percent of map unit: 8 percent
Ecological site: R070BD002NM - Shallow Sandy
Hydric soil rating: No

Bippus

Percent of map unit: 7 percent
Ecological site: R070BC017NM - Bottomland

Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 19, Sep 7, 2023

Eddy Area, New Mexico

TN—Tonuco loamy fine sand, 0 to 3 percent slopes, eroded

Map Unit Setting

National map unit symbol: 1w62
Elevation: 3,000 to 4,100 feet
Mean annual precipitation: 10 to 14 inches
Mean annual air temperature: 60 to 64 degrees F
Frost-free period: 200 to 217 days
Farmland classification: Not prime farmland

Map Unit Composition

Tonuco and similar soils: 98 percent
Minor components: 2 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Tonuco

Setting

Landform: Plains, alluvial fans
Landform position (three-dimensional): Rise
Down-slope shape: Convex, linear
Across-slope shape: Linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 5 inches: loamy fine sand
H2 - 5 to 15 inches: loamy fine sand
H3 - 15 to 19 inches: indurated

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 6 to 20 inches to petrocalcic
Drainage class: Excessively drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Maximum salinity: Nonsaline (0.0 to 1.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Very low (about 1.3 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: D
Ecological site: R070BD004NM - Sandy
Hydric soil rating: No

Minor Components

Tonuco

Percent of map unit: 1 percent
Ecological site: R070BD004NM - Sandy
Hydric soil rating: No

Dune land

Percent of map unit: 1 percent
Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 19, Sep 7, 2023

BLM SERIAL #:

COMPANY REFERENCE:

3.1 Seed Mixture 1, for Loamy Sites

The holder shall seed all disturbed areas with the seed mixture listed below. The seed mixture shall be planted in the amounts specified in pounds of pure live seed (PLS)* per acre. There shall be no primary or secondary noxious weeds in the seed mixture. Seed will be tested and the viability testing of seed will be done in accordance with State law(s) and within nine (9) months prior to purchase. Commercial seed will be either certified or registered seed. The seed container will be tagged in accordance with State law(s) and available for inspection by the authorized officer.

Seed will be planted using a drill equipped with a depth regulator to ensure proper depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture will be evenly and uniformly planted over the disturbed area (small/heavier seeds have a tendency to drop the bottom of the drill and are planted first). The holder shall take appropriate measures to ensure this does not occur. Where drilling is not possible, seed will be broadcast and the area shall be raked or chained to cover the seed. When broadcasting the seed, the pounds per acre are to be doubled. The seeding will be repeated until a satisfactory stand is established as determined by the authorized officer. Evaluation of growth will not be made before completion of at least one full growing season after seeding.

Species to be planted in pounds of pure live seed* per acre:

Species	lb/acre
Plains lovegrass (Eragrostis intermedia)	0.5
Sand dropseed (Sporobolus cryptandrus)	1.0
Sideoats grama (Bouteloua curtipendula)	5.0
Plains bristlegrass (Setaria macrostachya)	2.0

*Pounds of pure live seed:

Pounds of seed **x** percent purity **x** percent germination = pounds pure live seed

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1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 593318

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 593318
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2322335101**
Incident Name	**NAPP2322335101 ROSS DRAW REUSE PIT LAY FLAT LINE @ D-16-26S-31E**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Closure Report Received**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	ROSS DRAW REUSE PIT LAY FLAT LINE
Date Release Discovered	07/27/2023
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Equipment Failure | Pipeline (Any) | Produced Water | Released: 300 BBL | Recovered: 220 BBL | Lost: 80 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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QUESTIONS (continued)

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	Action Number: 593318
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

I hereby agree and sign off to the above statement	Name: Hadlie Stout Title: Environmental Representative II Email: Hadlie_stout@eogresources.com Date: 06/08/2026

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QUESTIONS (continued)

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	Action Number: 593318
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 75 and 100 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between ½ and 1 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between ½ and 1 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between ½ and 1 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Zero feet, overlying, or within area
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Between ½ and 1 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
Requesting a remediation plan approval with this submission		Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.		
Have the lateral and vertical extents of contamination been fully delineated		Yes
Was this release entirely contained within a lined containment area		No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)		
Chloride	(EPA 300.0 or SM4500 Cl B)	6950
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	145
GRO+DRO	(EPA SW-846 Method 8015M)	145
BTEX	(EPA SW-846 Method 8021B or 8260B)	0
Benzene	(EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.		
On what estimated date will the remediation commence		11/14/2023
On what date will (or did) the final sampling or liner inspection occur		11/16/2023
On what date will (or was) the remediation complete(d)		12/11/2023
What is the estimated surface area (in square feet) that will be reclaimed		6050
What is the estimated volume (in cubic yards) that will be reclaimed		600
What is the estimated surface area (in square feet) that will be remediated		6050
What is the estimated volume (in cubic yards) that will be remediated		600
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.		

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QUESTIONS (continued)

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QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	fJEG1635837366 OWL LANDFILL JAL
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	*Not answered.*
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	*Not answered.*
(In Situ) Soil Vapor Extraction	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	*Not answered.*
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	*Not answered.*
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Hadlie Stout Title: Environmental Representative II Email: Hadlie_stout@eogresources.com Date: 06/08/2026
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

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	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS (continued)

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QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**301236**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**11/16/2023**
What was the (estimated) number of samples that were to be gathered	**58**
What was the sampling surface area in square feet	**6050**

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	**Yes**
Was this release entirely contained within a lined containment area	**No**
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	6050
What was the total volume (cubic yards) remediated	600
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	6050
What was the total volume (in cubic yards) reclaimed	600
Summarize any additional remediation activities not included by answers (above)	Excavation of impacted soil

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

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

I hereby agree and sign off to the above statement	Name: Hadlie Stout Title: Environmental Representative II Email: Hadlie_stout@eogresources.com Date: 06/08/2026

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QUESTIONS (continued)

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	Action Number: 593318
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 593318

CONDITIONS

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CONDITIONS

Created By	Condition	Condition Date
scwells	None	6/15/2026