

CARMONA RESOURCES



SITE INFORMATION

Closure Report
Modelo 10 Fed Com #607H
Lea County, New Mexico
NAPP2314251680
Unit D Sec 10 T24S R32E
32.2379548°, -103.668628°

Diesel Based Drilling Fluid Release
Point of Release: Frac Tank Hose Ruptured
Release Date: 05/09/2023
Volume Released: 150 Barrels of Diesel Based Drilling Fluid
Volume Recovered: 75 Barrels of Diesel Based Drilling Fluid

CARMONA RESOURCES



Prepared for:
EOG Resources
5509 Champions Drive
Midland, TX 79706

Prepared by:
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June 26, 2023

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

Re: Closure Report
Modelo 10 Fed Com #607H
EOG Resources Inc.
Incident #: NAPP2314251680
Site Location: Unit D Sec 10 T24S R32E
(Lat 32.2379548°, Long -103.668628°)
Lea County, New Mexico

To whom it may concern:

On behalf of EOG Resources Inc. (EOG), Carmona Resources, LLC has prepared this letter to document the Modelo 10 Fed Com #607H site activities. The site is located at 32.2379548°, -103.668628° within Unit D Sec 10 T24S R32E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on May 9, 2023. The cause of the release is from a ruptured frac tank hose. It released approximately one-hundred-fifty (150) barrels of diesel-based drilling fluid. Approximately seventy-five (75) barrels of diesel-based drilling fluid were recovered. The impacted area occurred on the pasture shown in Figure 3. The initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water source is within a 0.50-mile radius of the location. The nearest identified well is approximately 0.87 miles Southwest of the site in S10, T24S, R32E and was drilled in 2010. The well has a reported depth to groundwater of 33.96' feet below the ground surface (ft bgs). A copy of the associated Summary Report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

Pert 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: 100 mg/kg (GRO + DRO + MRO).
- Chloride: 600 mg/kg.

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4.0 Site Assessment Activities

On May 16, 2023, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of nine (9) sample points (S-1 through S-9) and thirteen (13) horizontal samples (H-1 through H-13) were advanced to depths ranging from the surface to 3' bgs inside and surrounding the release areas to evaluate the vertical and horizontal extent. 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 Cardinal Laboratories in Hobbs, New Mexico. 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 4500. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E. The sample locations are shown in Figure 3. Refer to Table 1.

See Table 1 for the analytical results.

5.0 Remediation Activities

Carmona Resources personnel were onsite to supervise the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via email on June 5, 2023, per Subsection D of 19.15.29.12 NMAC. See Appendix C. A total of one-hundred-six (106) floor confirmation samples were collected (CS-1 through CS-106), and forty-nine (49) sidewall samples (SW-1 through SW-49) were collected every 200 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 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.

The confirmation samples (CS-8 through 14, CS-16, CS-17, CS-19, CS-21, CS-84, and CS-87 through CS-106) showed elevated TPH levels greater than 100 mg/kg and were excavated to an additional 0.5' to remove contaminated soil and was re-collected. Confirmation samples (CS-79 through CS-85) showed elevated Chloride levels greater than 600 mg/kg and were excavated to an additional 0.5' to remove contaminated soil and were re-collected.

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

Once the remediation activities were completed, the excavated areas were backfilled with clean material. Approximately 3,156 cubic yards of material were excavated and transported offsite for proper disposal.

6.0 Conclusions

Based on the assessment results and the analytical data, no further actions are required at the site. 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

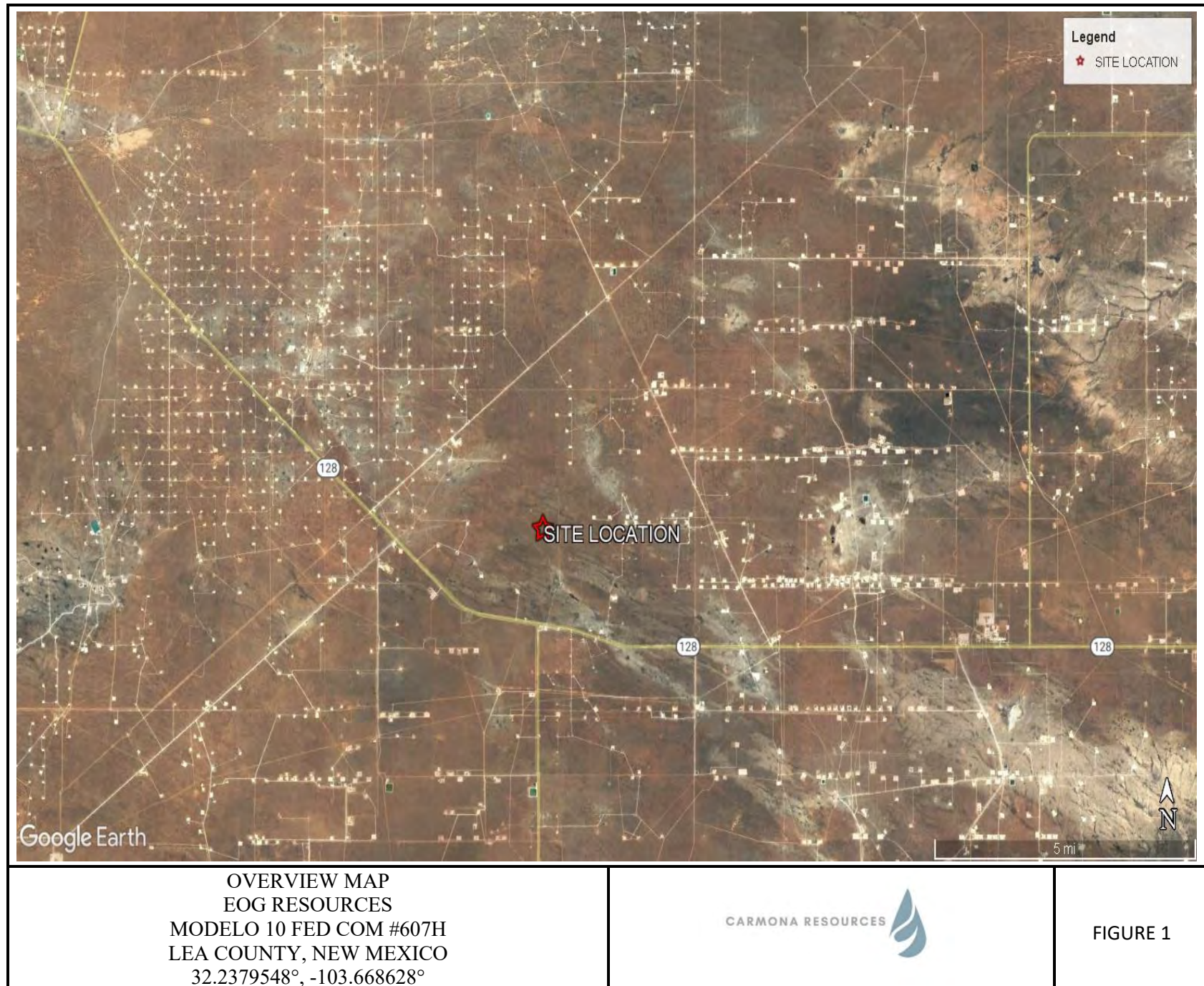
Mike Carmona
Environmental Manager

Ashton Thielke
Sr. Project Manager

FIGURES

CARMONA RESOURCES



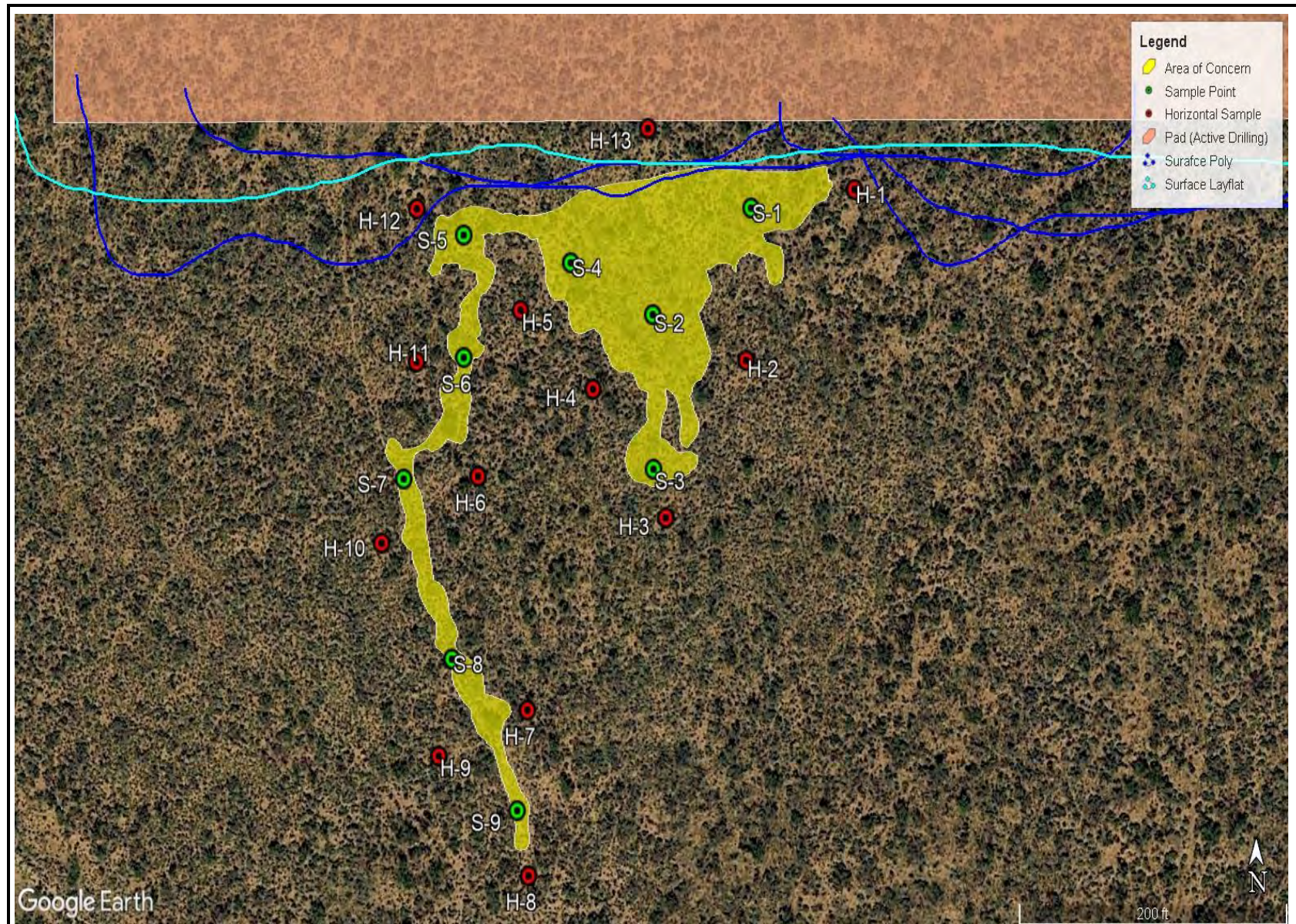




TOPOGRAPHIC MAP
EOG RESOURCES
MODELO 10 FED COM #607H
LEA COUNTY, NEW MEXICO
32.2379548°, -103.668628°



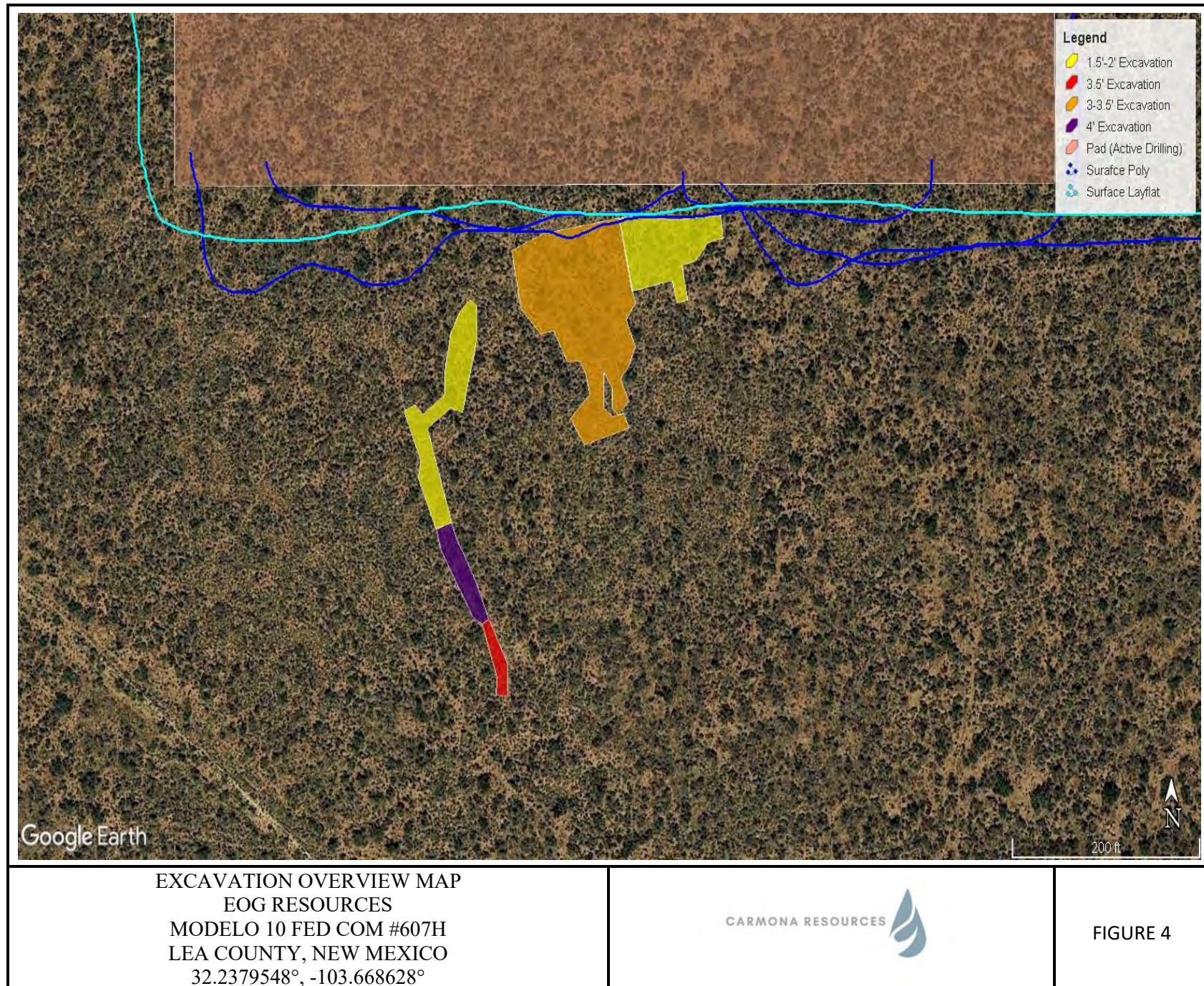
FIGURE 2

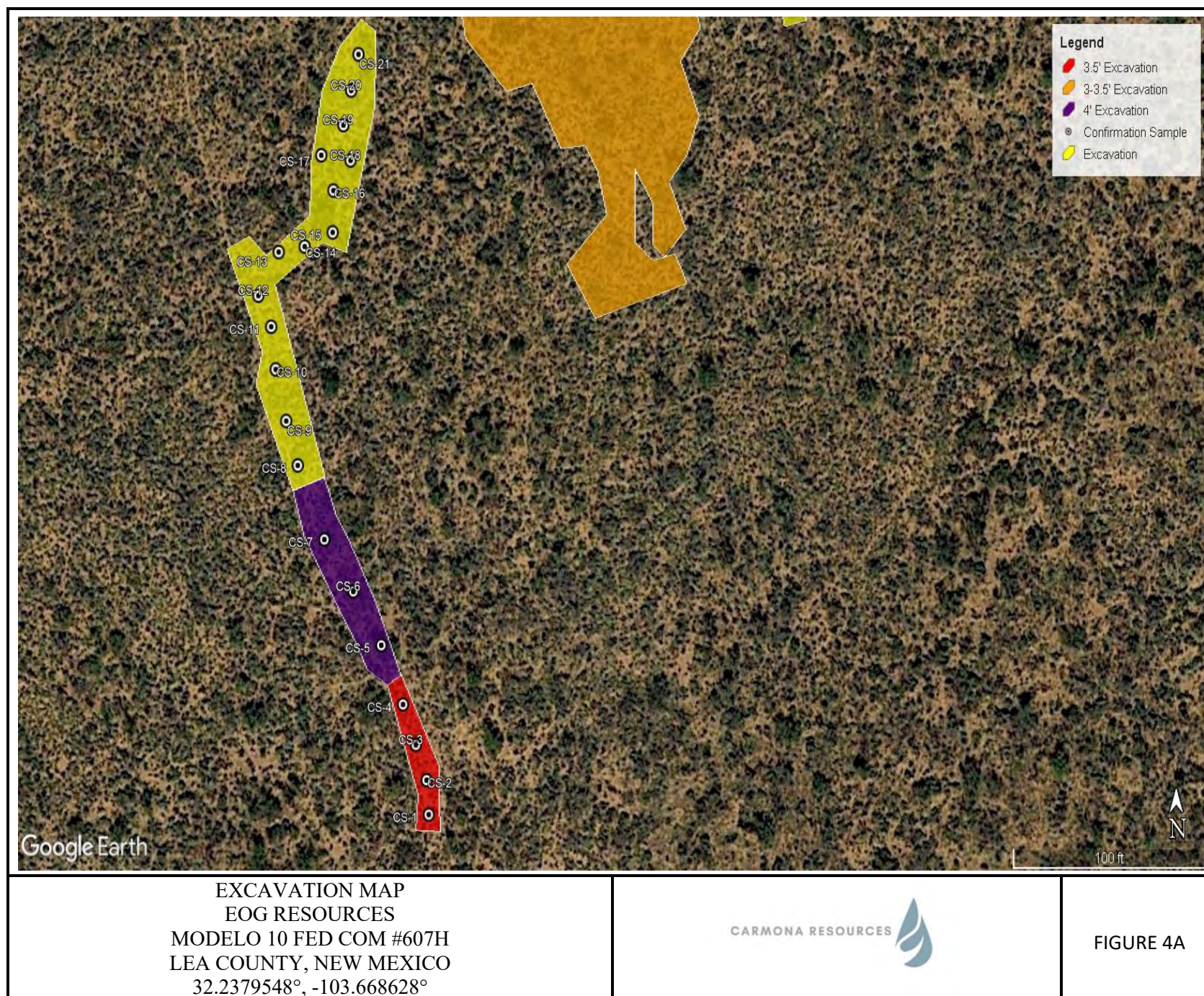


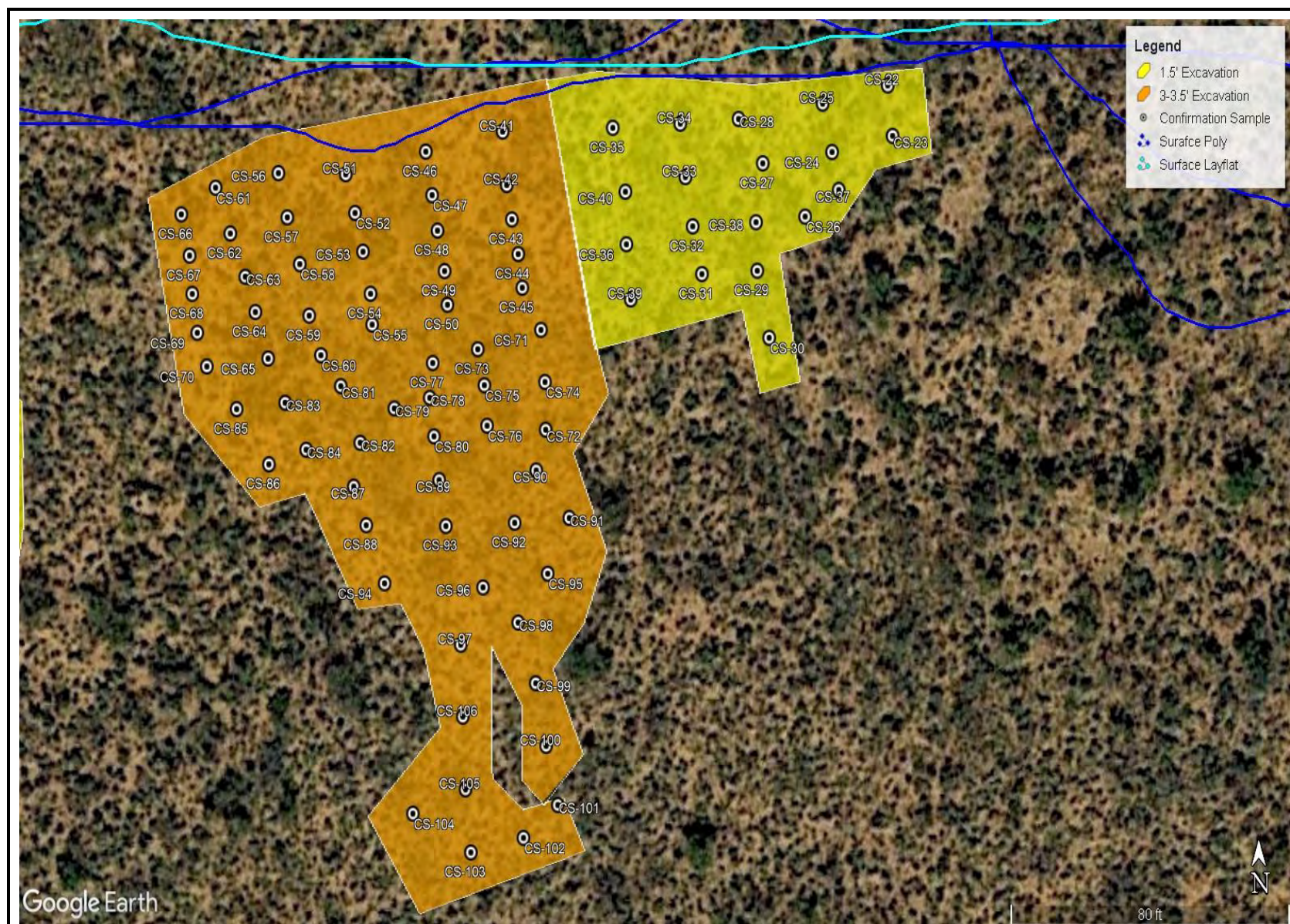
SAMPLE LOCATION MAP
EOG RESOURCES
MODELO 10 FED COM #607H
LEA COUNTY, NEW MEXICO
32.2379548°, -103.668628°



FIGURE 3



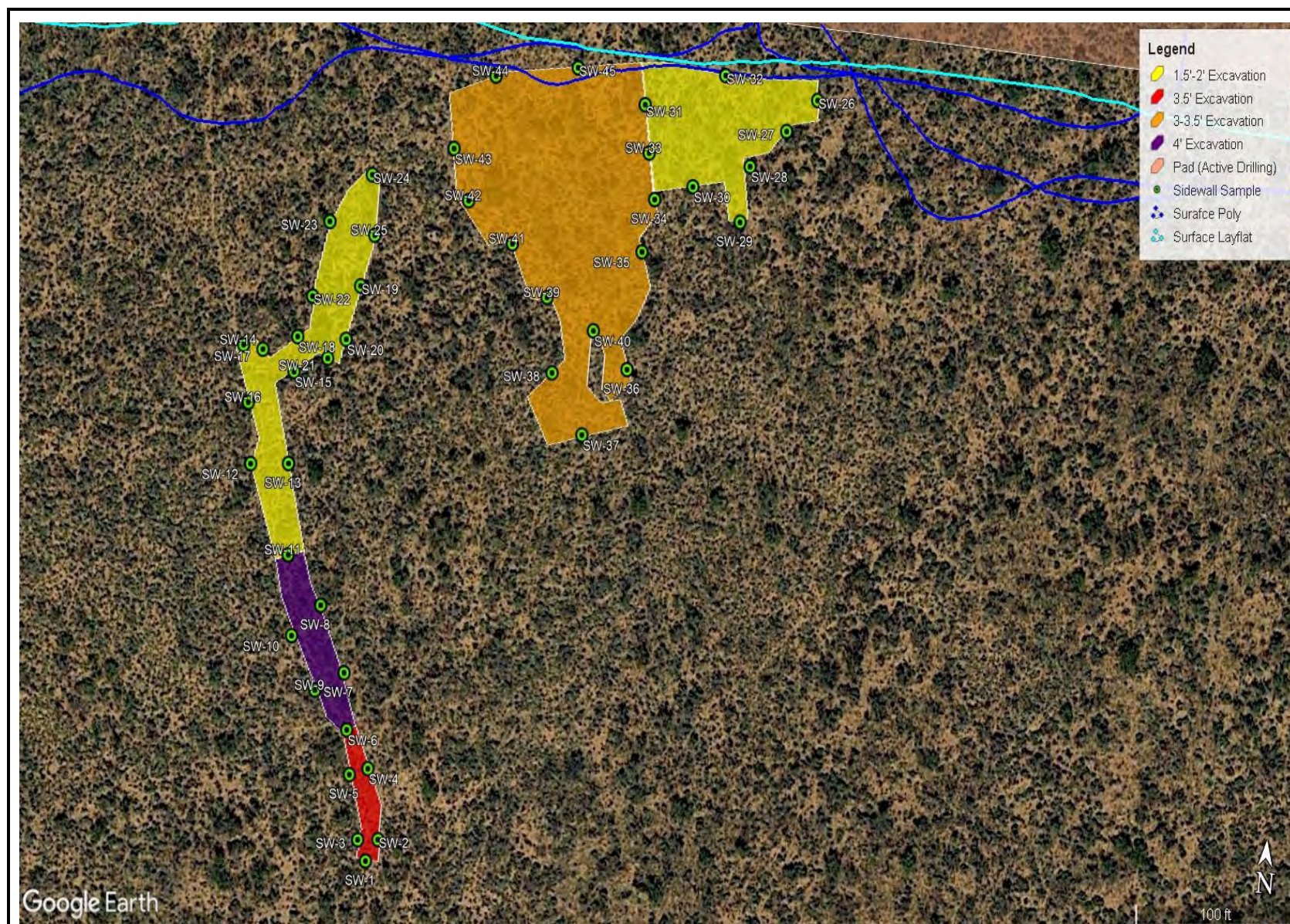




EXCAVATION MAP
EOG RESOURCES
MODELO 10 FED COM #607H
LEA COUNTY, NEW MEXICO
32.2379548°, -103.668628°



FIGURE 4B



EXCAVATION MAP
EOG RESOURCES
MODELO 10 FED COM #607H
LEA COUNTY, NEW MEXICO
32.2379548°, -103.668628°



FIGURE 4C

APPENDIX A

CARMONA RESOURCES



Table 1
EOG Resources
Modelo 10 Fed Com 607 Spill
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-1	5/16/2023	0-1	33.3	5,350	916	6,299	<0.050	<0.050	0.055	0.216	<0.300	2,640
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
	"	3.0	<10.0	38.3	<10.0	38.3	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
S-2	5/16/2023	0-1	682	36,400	5,890	42,972	<0.050	1.18	2.50	12.7	16.4	7,200
	"	1.5	75.5	3,530	455	4,061	<0.050	0.07	0.49	1.37	1.93	240
	"	2.0	<10.0	185	17.2	202	<0.050	<0.050	<0.050	<0.150	<0.300	192
S-3	5/16/2023	0-1	156	15,100	2,170	17,426	<0.050	0.124	0.35	1.78	2.25	2,120
	"	1.5	125	4,120	490	4,753	<0.050	0.343	1.02	4.94	6.31	544
	"	2.0	17.1	628	53	698	<0.050	<0.050	0.118	0.541	0.659	384
S-4	5/16/2023	0-1	1,090	30,400	3,630	35,120	0.157	2.33	4.25	19.1	25.8	6,080
	"	1.5	<10.0	381	27.4	408	<0.050	<0.050	<0.050	<0.150	<0.300	6,560
	"	2.0	<10.0	349	33.3	382	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
S-5	5/16/2023	0-1	<10.0	33.1	<10.0	33.1	<0.050	<0.050	<0.050	<0.150	<0.300	368
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	"	2.0	<10.0	33.2	<10.0	33.2	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
S-6	5/16/2023	0-1	736	27,400	3,350	31,486	0.103	1.49	3.86	19.0	24.4	2,640
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
S-7	5/16/2023	0-1	<10.0	12.7	<10.0	12.7	<0.050	<0.050	<0.050	<0.150	<0.300	3,360
	"	1.5	<10.0	117	<10.0	117	<0.050	<0.050	<0.050	<0.150	<0.300	208
	"	2.0	<10.0	156	<10.0	156	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
S-8	5/16/2023	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	"	1.5	<10.0	96.9	<10.0	96.9	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
	"	2.0	<10.0	166	14.5	181	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
S-9	5/16/2023	0-1	1,350	33,300	4,050	38,700	0.291	3.34	7.29	31.6	42.5	9,200
	"	1.5	202	4,860	962	6,024	<0.050	0.081	0.245	1.04	1.37	11,500
	"	2.5	<10.0	50.2	<10.0	50.2	<0.050	<0.050	<0.050	<0.150	<0.300	640
	"	3.0	<10.0	395	42.2	437	<0.050	<0.050	0.051	0.27	0.321	272
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) Soil Sample

Removed

Table 1
EOG Resources
Modelo 10 Fed Com 607 Spill
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
H-1	5/16/2023	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-2	5/16/2023	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-3	5/16/2023	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-4	5/16/2023	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-5	5/16/2023	0-0.5	<10.0	16.5	<10.0	16.5	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-6	5/16/2023	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-7	5/16/2023	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-8	5/16/2023	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-9	5/16/2023	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-10	5/16/2023	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-11	5/16/2023	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-12	5/16/2023	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-13	5/16/2023	0-0.5	<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

(H) Horizontal Sample

Table 2
EOG Resources
Modelo 10 Fed Com 607 Spill
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	6/8/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-2	6/8/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-3	6/8/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-4	6/8/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-5	6/8/2023	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-6	6/8/2023	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-7	6/8/2023	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-8	6/15/2023	1.5	<10.0	269	26.6	296	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
	6/19/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-9	6/15/2023	1.5	<10.0	359	49.3	408	<0.050	<0.050	<0.050	<0.150	<0.300	112
	6/19/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-10	6/15/2023	1.5	<10.0	260	24.0	284	<0.050	<0.050	<0.050	<0.150	<0.300	128
	6/19/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-11	6/15/2023	1.5	<10.0	109	<10.0	109	<0.050	<0.050	<0.050	<0.150	<0.300	240
	6/19/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-12	6/15/2023	1.5	<10.0	59.9	<10.0	59.9	<0.050	<0.050	<0.050	<0.150	<0.300	352
CS-13	6/15/2023	1.5	<10.0	136	14.6	151	<0.050	<0.050	<0.050	<0.150	<0.300	368
	6/19/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-14	6/15/2023	1.5	<10.0	109	10.5	120	<0.050	<0.050	<0.050	<0.150	<0.300	368
	6/19/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-15	6/15/2023	2.5	<10.0	73.6	<10.0	73.6	<0.050	<0.050	<0.050	<0.150	<0.300	256
CS-16	6/15/2023	1.5	<10.0	154	14.0	168	<0.050	<0.050	<0.050	<0.150	<0.300	336
	6/19/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-17	6/15/2023	1.5	<10.0	128	29.8	168	<0.050	<0.050	<0.050	<0.150	<0.300	304
	6/19/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-18	6/15/2023	1.5	<10.0	45.8	<10.0	45.8	<0.050	<0.050	<0.050	<0.150	<0.300	304
CS-19	6/15/2023	1.5	<10.0	152	33.5	186	<0.050	<0.050	<0.050	<0.150	<0.300	352
	6/19/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-20	6/15/2023	1.5	<10.0	82.4	12.2	94.6	<0.050	<0.050	<0.050	<0.150	<0.300	384
CS-21	6/15/2023	1.5	<10.0	89.0	15.6	105	<0.050	<0.050	<0.050	<0.150	<0.300	352
	6/19/2023	2.0	<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

Removed

Table 2
EOG Resources
Modelo 10 Fed Com 607 Spill
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-22	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-23	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-24	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-25	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-26	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-27	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-28	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-29	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-30	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-31	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-32	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-33	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-34	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-35	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-36	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-37	6/15/2023	1.5	<10.0	17.2	<10.0	17.2	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-38	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-39	6/15/2023	1.5	<10.0	34.7	<10.0	34.7	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-40	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-41	6/15/2023	3.0	<10.0	35.0	<10.0	35.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-42	6/15/2023	3.0	<10.0	37.0	<10.0	37.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-43	6/15/2023	3.0	<10.0	68.5	<10.0	68.5	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-44	6/15/2023	3.0	<10.0	41.5	<10.0	41.5	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-45	6/15/2023	3.0	<10.0	55.8	<10.0	55.8	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-46	6/15/2023	3.0	<10.0	31.8	<10.0	31.8	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-47	6/15/2023	3.0	<10.0	47.2	<10.0	47.2	<0.050	<0.050	<0.050	<0.150	<0.300	144
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

Removed

Table 2
EOG Resources
Modelo 10 Fed Com 607 Spill
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-48	6/15/2023	3.0	<10.0	32.8	<10.0	32.8	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-49	6/15/2023	3.0	<10.0	39.0	<10.0	39.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-50	6/15/2023	3.0	<10.0	30.5	<10.0	30.5	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-51	6/15/2023	3.0	<10.0	37.1	<10.0	37.1	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-52	6/15/2023	3.0	<10.0	36.2	<10.0	36.2	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-53	6/15/2023	3.0	<10.0	33.2	<10.0	33.2	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-54	6/15/2023	3.0	<10.0	26.1	<10.0	26.1	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-55	6/15/2023	3.0	<10.0	29.9	<10.0	29.9	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-56	6/15/2023	3.0	<10.0	25.6	<10.0	25.6	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-57	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-58	6/15/2023	3.0	<10.0	11.9	<10.0	11.9	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-59	6/15/2023	3.0	<10.0	10.8	<10.0	108	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-60	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-61	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-62	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-63	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-64	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-65	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-66	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-67	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-68	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-69	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-70	6/15/2023	3.0	<10.0	11.4	<10.0	11.4	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-71	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-72	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-73	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
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

Removed

Table 2
EOG Resources
Modelo 10 Fed Com 607 Spill
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-74	6/15/2023	3.0	<10.0	13.2	<10.0	13.2	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-75	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-76	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-77	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-78	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-79	6/15/2023	3.0	<10.0	31.9	<10.0	31.9	<0.050	<0.050	<0.050	<0.150	<0.300	1,040
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-80	6/15/2023	3.0	<10.0	69.6	<10.0	69.6	<0.050	<0.050	<0.050	<0.150	<0.300	1,070
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-81	6/15/2023	3.0	<10.0	70.8	<10.0	70.8	<0.050	<0.050	<0.050	<0.150	<0.300	1,120
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-82	6/15/2023	3.0	<10.0	65.5	<10.0	65.5	<0.050	<0.050	<0.050	<0.150	<0.300	1,280
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-83	6/15/2023	3.0	<10.0	87.7	<10.0	87.7	<0.050	<0.050	<0.050	<0.150	<0.300	1,330
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-84	6/15/2023	3.0	<10.0	101	<10.0	101	<0.050	<0.050	<0.050	<0.150	<0.300	1,120
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-85	6/15/2023	3.0	<10.0	93.7	<10.0	93.7	<0.050	<0.050	<0.050	<0.150	<0.300	1,260
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-86	6/15/2023	3.0	<10.0	88.7	<10.0	88.7	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-87	6/15/2023	3.0	<10.0	295	48.7	344	<0.050	<0.050	<0.050	<0.150	<0.300	112
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-88	6/15/2023	3.0	<10.0	283	36.4	319	<0.050	<0.050	<0.050	<0.150	<0.300	112
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-89	6/15/2023	3.0	<10.0	338	51.9	390	<0.050	<0.050	<0.050	<0.150	<0.300	112
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-90	6/15/2023	3.0	<10.0	546	89.5	636	<0.050	<0.050	<0.050	<0.150	<0.300	112
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-91	6/15/2023	3.0	<10.0	470	77.0	547	<0.050	<0.050	<0.050	<0.150	<0.300	128
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-92	6/15/2023	3.0	<10.0	327	48.5	376	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
	6/19/2023	3.5	<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

Removed

Table 2
EOG Resources
Modelo 10 Fed Com 607 Spill
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-92	6/15/2023	3.0	<10.0	327	48.5	376	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-93	6/15/2023	3.0	<10.0	475	72.4	547	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-94	6/15/2023	3.0	<10.0	290	43.1	333	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-95	6/15/2023	3.0	<10.0	356	56.8	413	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-96	6/15/2023	3.0	<10.0	538	87.6	626	<0.050	<0.050	<0.050	<0.150	<0.300	112
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-97	6/15/2023	3.0	<10.0	441	94.6	536	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-98	6/15/2023	3.0	<10.0	437	93.2	530	<0.050	<0.050	<0.050	<0.150	<0.300	112
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-99	6/15/2023	3.0	<10.0	508	110	618	<0.050	<0.050	<0.050	<0.150	<0.300	112
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-100	6/15/2023	3.0	<10.0	538	111	649	<0.050	<0.050	<0.050	<0.150	<0.300	112
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-101	6/15/2023	3.0	<10.0	442	95.2	537	<0.050	<0.050	<0.050	<0.150	<0.300	112
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-102	6/15/2023	3.0	<10.0	92.0	20.3	102	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-103	6/15/2023	3.0	<10.0	103	25.5	129	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-104	6/15/2023	3.0	<10.0	95.6	22.6	118	<0.050	<0.050	<0.050	<0.150	<0.300	112
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-105	6/15/2023	3.0	<10.0	84.0	18.1	102	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-106	6/15/2023	3.0	<10.0	126	30.8	157	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
	6/19/2023	3.5	<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

Removed

Table 2
EOG Resources
Modelo 10 Fed Com 607 Spill
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-1	6/15/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-2	6/15/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-3	6/15/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-4	6/15/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-5	6/15/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-6	6/15/2023	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-7	6/15/2023	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-8	6/15/2023	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-9	6/15/2023	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-10	6/15/2023	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-11	6/15/2023	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-12	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-13	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-14	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-15	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-16	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-17	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-18	6/15/2023	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-19	6/15/2023	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-20	6/15/2023	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-21	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-22	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-23	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	400
SW-24	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	400
SW-25	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
SW-26	6/15/2023	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

Table 2
EOG Resources
Modelo 10 Fed Com 607 Spill
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-27	6/15/2023	1.5	<10.0	10.4	<10.0	10.4	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-28	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-29	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-30	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-31	6/15/2023	2.0	<10.0	59.9	<10.0	59.9	<0.050	<0.050	<0.050	<0.150	<0.300	224
SW-32	6/15/2023	1.5	<10.0	21.5	<10.0	21.5	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-33	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-34	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-35	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
SW-36	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
SW-37	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
SW-38	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
SW-39	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
SW-40	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
SW-41	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
SW-42	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
SW-43	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
SW-44	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
SW-45	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304
SW-46	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-47	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-48	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-49	6/15/2023	3.0	<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

(SW) Sidewall Sample

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

EOG Resources

Photograph No. 1

Facility: Modelo 10 Fed Com #607H

County: Lea County, New Mexico

Description:

View South, Area of CS-1 and CS-4.



Photograph No. 2

Facility: Modelo 10 Fed Com #607H

County: Lea County, New Mexico

Description:

View South, Area of CS-1 and CS-7.



Photograph No. 3

Facility: Modelo 10 Fed Com #607H

County: Lea County, New Mexico

Description:

View Northwest, Area of CS-8 and CS-12.



PHOTOGRAPHIC LOG

EOG Resources

Photograph No. 4

Facility: Modelo 10 Fed Com #607H

County: Lea County, New Mexico

Description:

View Southwest, Area of CS-11 and CS-15.



Photograph No. 5

Facility: Modelo 10 Fed Com #607H

County: Lea County, New Mexico

Description:

View Southwest, Area of CS-15 and CS-21.



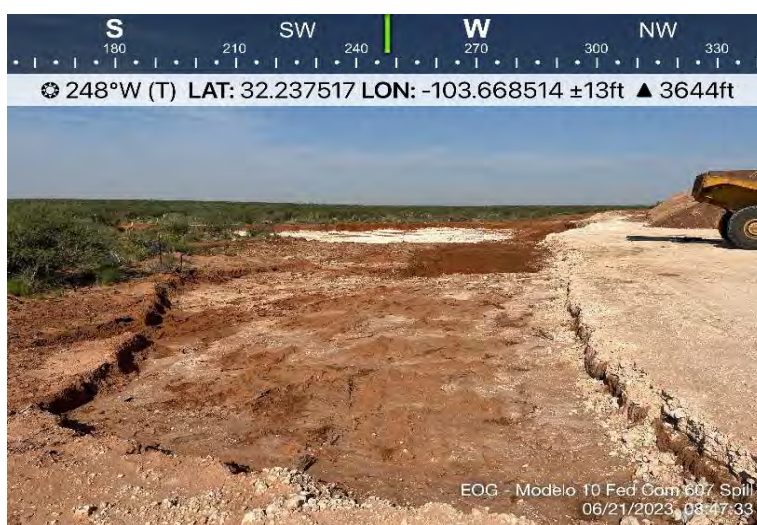
Photograph No. 6

Facility: Modelo 10 Fed Com #607H

County: Lea County, New Mexico

Description:

View Southwest, Area of CS-22 and CS-40.



PHOTOGRAPHIC LOG

EOG Resources

Photograph No. 7

Facility: Modelo 10 Fed Com #607H

County: Lea County, New Mexico

Description:

View Southeast, Area of CS-22 and CS-40.



Photograph No. 8

Facility: Modelo 10 Fed Com #607H

County: Lea County, New Mexico

Description:

View Southeast, Area of CS-41 and CS-49.



Photograph No. 9

Facility: Modelo 10 Fed Com #607H

County: Lea County, New Mexico

Description:

View South, Area of CS-49 and CS-106.



PHOTOGRAPHIC LOG

EOG Resources

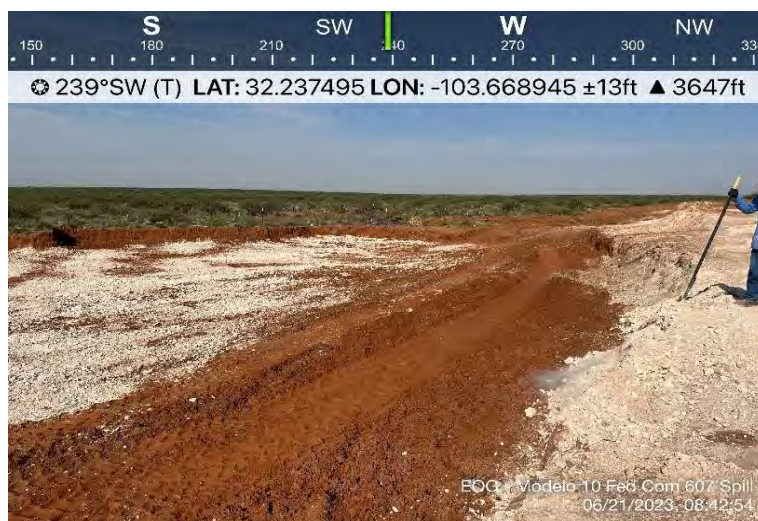
Photograph No. 10

Facility: Modelo 10 Fed Com #607H

County: Lea County, New Mexico

Description:

View Southwest, Area of CS-56 and CS-70.



Photograph No. 11

Facility: Modelo 10 Fed Com #607H

County: Lea County, New Mexico

Description:

View East, Area of CS-41 and CS-106.



Photograph No. 12

Facility: Modelo 10 Fed Com #607H

County: Lea County, New Mexico

Description:

View North, Area of CS-97 and CS-106.



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	NAPP2314251680
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party EOG Resources	OGRID 7377
Contact Name James Kennedy	Contact Telephone 432-848-9146
Contact email james_kennedy@eogresources.com	Incident # (assigned by OCD) nAPP2314251680
Contact mailing address 5509 Champions Drive Midland, TX 79706	

Location of Release Source

Latitude 32.2379548 Longitude -103.668628
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Modelo 10 Fed Com #607H	Site Type well facility
Date Release Discovered 05/09/2023	API# (if applicable) 30-025-50941

Unit Letter	Section	Township	Range	County
D	10	24S	32E	Lea

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

Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input checked="" type="checkbox"/> Other (describe) Diesel based drilling fluid	Volume/Weight Released (provide units) 150 bbls	Volume/Weight Recovered (provide units) 75 bbls


A frac tank hose ruptured causing release.

Incident ID	NAPP2314251680
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? Greater than 25 bbls
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Yes, Todd Wells, OCD.enviro@emnrd.nm.gov , 05/09/23, email.	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>James F. Kennedy</u>	Title: <u>Env Specialist</u>
Signature: <u></u>	Date: <u>05/22/2023</u>
email: <u>james_kennedy@eogresouirces.com</u>	Telephone: <u>432-258-4346</u>
<u>OCD Only</u>	
Received by: <u>Jocelyn Harimon</u>	Date: <u>05/23/2023</u>

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	_____ (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input type="checkbox"/> 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)?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input type="checkbox"/> 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?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input type="checkbox"/> No

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

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

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

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

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: _____ Title: _____

Signature: James F. Kennedy Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Shelly Wells Date: 6/26/2023

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: James F. Kennedy Date: 6/26/2023

email: _____ Telephone: _____

OCD Only

Received by: Shelly Wells Date: 6/26/2023

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: Nelson Velez Date: 09/20/2023

Printed Name: Nelson Velez Title: Environmental Specialist - Adv

From: Enviro, OCD, EMNRD
Sent: Tuesday, June 6, 2023 10:22 AM
To: Mike Carmona
Cc: Bratcher, Michael, EMNRD; Velez, Nelson, EMNRD
Subject: RE: [EXTERNAL] EOG Modelo 10 Fed Com 607 - Sampling Notification - Incident No. nAPP2314251680

Mike,

Thank you for the notification. Please 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.

JH

Jocelyn Harimon • Environmental Specialist
Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov
[http:// www.emnrd.nm.gov](http://www.emnrd.nm.gov)



From: Mike Carmona <Mcarmona@carmonaresources.com>
Sent: Monday, June 5, 2023 8:15 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Conner Moehring <Cmoehring@carmonaresources.com>; James Kennedy <James_Kennedy@eogresources.com>
Subject: [EXTERNAL] EOG Modelo 10 Fed Com 607 - Sampling Notification - Incident No. nAPP2314251680

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 Modelo 10 Fed Com 607 Release. Sampling is scheduled to begin on Thursday, June 8th around 8:00 a.m. Mountain Time. Carmona Resources personnel will be on-site to collect the confirmation samples.

Incident No. nAPP2314251680

APPENDIX D

CARMONA RESOURCES




Nearest water well


EOG Resources


Legend


 0.5 Mile Radius

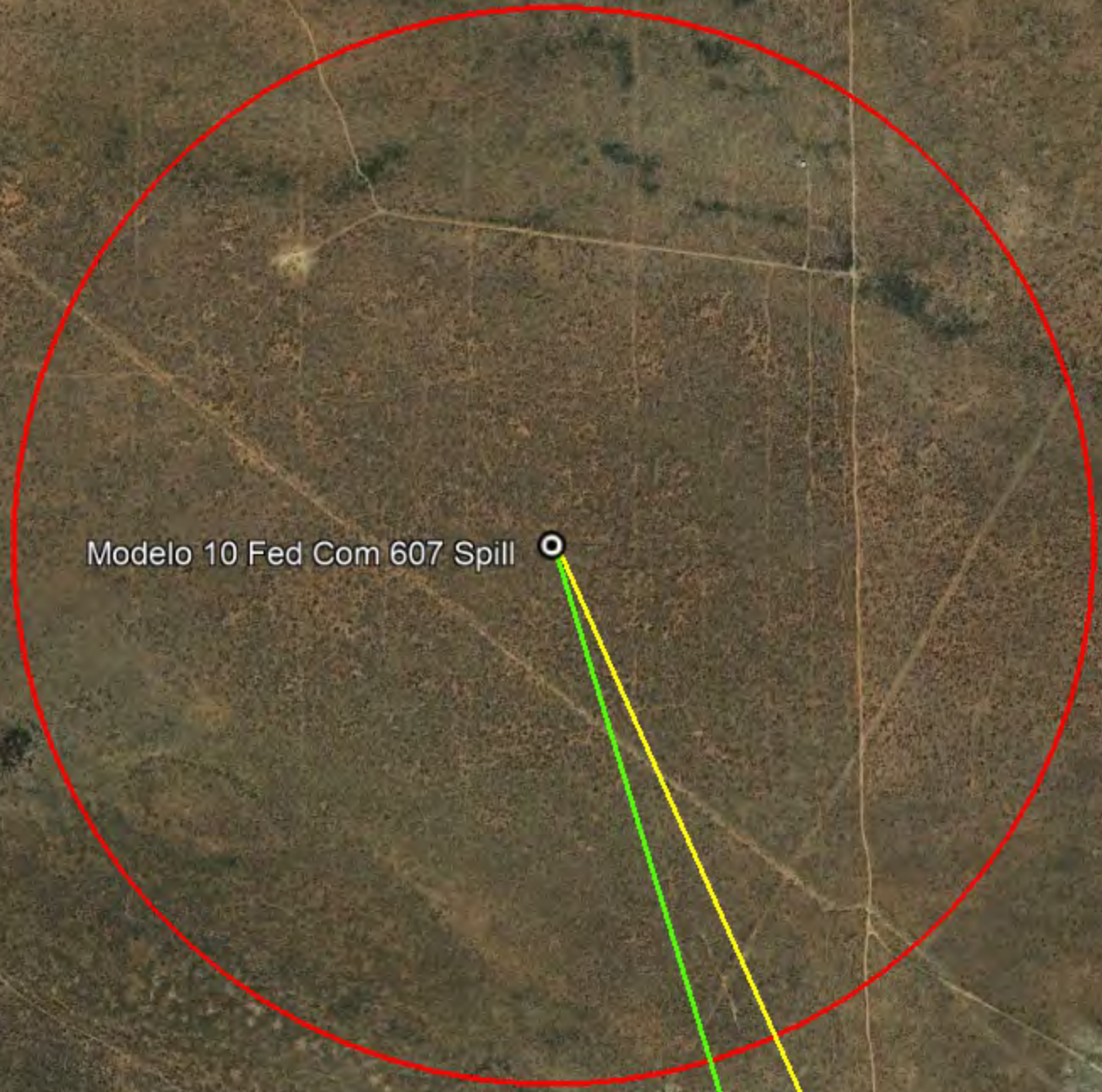
 0.87 Miles

 0.95 Miles

 Modelo 10 Fed Com 607 Spill

 NMSEO Water Well

 USGS Water Well



Modelo 10 Fed Com 607 Spill

33.96' - Drilled 2010

133' - Drilled 2012





Low Karst

EOG Resources

Legend

-  Low
-  Modelo 10 Fed Com 607 Spill

Modelo 10 Fed Com 607 Spill



2000 ft



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 03527 POD1	C	LE		1	2	3	03	24S	32E	625770	3568487	1041	500		
C 02350	CUB	ED			4	3	10	24S	32E	625826	3566333*	1254	60		
C 03528 POD1	C	LE		1	1	2	15	24S	32E	626040	3566129	1524	541	133	408
C 03555 POD1	C	LE		2	2	1	05	24S	32E	622748	3569233	3160	600	380	220
C 01932	C	ED			3	1	12	24S	32E	628633	3567188*	3249	492		

Average Depth to Water: **256 feet**

Minimum Depth: **133 feet**

Maximum Depth: **380 feet**

Record Count: 5

UTM NAD83 Radius Search (in meters):

Easting (X): 625400

Northing (Y): 3567513

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.

5/9/23 2:17 PM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER




USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category: Geographic Area:

Click to hide News 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 =

- 321312103395601

Minimum number of levels = 1

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

USGS 321312103395601 24S.32E.10.344333

Lea County, New Mexico

Latitude 32°13'30.4", Longitude 103°39'52.7" NAD83

Land-surface elevation 3,589.00 feet above NGVD29

The depth of the well is 60 feet below land surface.

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

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

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measur
1950-04-13			D 62610		3555.36	NGVD29	1		Z	
1950-04-13			D 62611		3557.09	NAVD88	1		Z	
1950-04-13			D 72019	33.64			1		Z	
1955-06-03			D 62610		3557.10	NGVD29	P		Z	
1955-06-03			D 62611		3558.83	NAVD88	P		Z	
1955-06-03			D 72019	31.90			P		Z	
1976-01-22			D 62610		3557.20	NGVD29	1		Z	
1976-01-22			D 62611		3558.93	NAVD88	1		Z	
1976-01-22			D 72019	31.80			1		Z	
1981-03-20			D 62610		3569.07	NGVD29	1		Z	
1981-03-20			D 62611		3570.80	NAVD88	1		Z	
1981-03-20			D 72019	19.93			1		Z	
1986-03-18			D 62610		3551.84	NGVD29	1		Z	
1986-03-18			D 62611		3553.57	NAVD88	1		Z	

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measur
1986-03-18			D	72019	37.16		1	Z		
1991-05-29			D	62610		3549.36	NGVD29	1	Z	
1991-05-29			D	62611		3551.09	NAVD88	1	Z	
1991-05-29			D	72019	39.64		1	Z		
1996-03-14			D	62610		3550.80	NGVD29	1	S	
1996-03-14			D	62611		3552.53	NAVD88	1	S	
1996-03-14			D	72019	38.20		1	S		
2001-02-27			D	62610		3552.42	NGVD29	1	S	
2001-02-27			D	62611		3554.15	NAVD88	1	S	
2001-02-27			D	72019	36.58		1	S		
2006-02-07	16:30 UTC		m	62610		3569.60	NGVD29	1	S	USGS
2006-02-07	16:30 UTC		m	62611		3571.33	NAVD88	1	S	USGS
2006-02-07	16:30 UTC		m	72019	19.40		1	S		USGS
2010-12-16	22:30 UTC		m	62610		3555.04	NGVD29	1	S	USGS
2010-12-16	22:30 UTC		m	62611		3556.77	NAVD88	1	S	USGS
2010-12-16	22:30 UTC		m	72019	33.96		1	S		USGS

Explanation

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

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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: 2023-05-09 16:22:27 EDT


0.28 0.24 nadww01





New Mexico Office of the State Engineer

Point of Diversion Summary

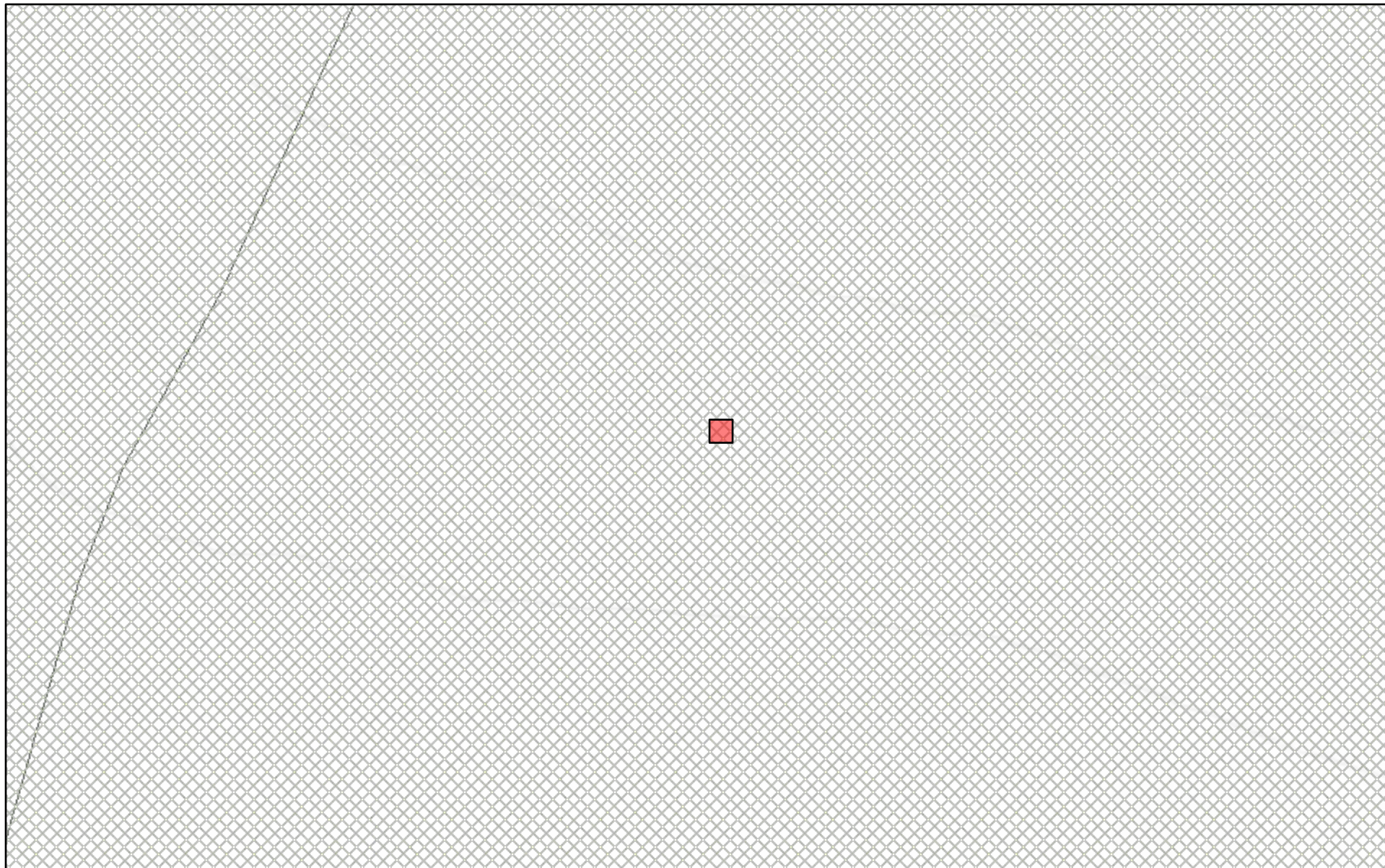
		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
C	03528 POD1	1	1	2	15	24S	32E	626040	3566129 
Driller License:	1682	Driller Company:				HUNGRY HORSE, LLC.			
Driller Name:	NORRIS, JOHN D. (LD)								
Drill Start Date:	02/20/2012	Drill Finish Date:				03/12/2012	Plug Date:		
Log File Date:	04/30/2012	PCW Rcv Date:				Source:			Shallow
Pump Type:	SUBMER	Pipe Discharge Size:				Estimated Yield:			
Casing Size:	6.38	Depth Well:				541 feet	Depth Water:		133 feet
Water Bearing Stratifications:				Top	Bottom	Description			
				133	152	Sandstone/Gravel/Conglomerate			
Casing Perforations:				Top	Bottom				
				0	541				

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

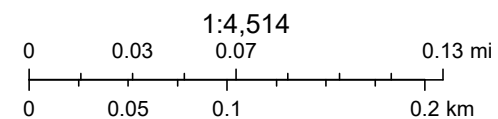
5/9/23 2:19 PM

POINT OF DIVERSION SUMMARY

New Mexico NFHL Data



May 9, 2023



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

nmflood.org is made possible through a collaboration with NMDHSEM,

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APPENDIX E

CARMONA RESOURCES





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

May 18, 2023

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: MODELO 10 FED COM 607 SPILL

Enclosed are the results of analyses for samples received by the laboratory on 05/17/23 9:05.

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 accredited 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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

Celey D. Keene

Lab Director/Quality Manager



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:	05/17/2023	Sampling Date:	05/16/2023
Reported:	05/18/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: H - 1 (0-0.5') (H232468-01)

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	05/17/2023	ND	2.34	117	2.00	1.26		
Toluene*	<0.050	0.050	05/17/2023	ND	2.32	116	2.00	0.571		
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.25	113	2.00	1.59		
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.87	114	6.00	2.27		
Total BTEX	<0.300	0.300	05/17/2023	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	16.0	16.0	05/17/2023	ND	416	104	400	3.77		

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	05/17/2023	ND	188	94.1	200	5.16	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	171	85.7	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 92.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.1 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/17/2023
 Reported: 05/18/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 05/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 2 (0-0.5') (H232468-02)

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	05/17/2023	ND	2.34	117	2.00	1.26		
Toluene*	<0.050	0.050	05/17/2023	ND	2.32	116	2.00	0.571		
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.25	113	2.00	1.59		
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.87	114	6.00	2.27		
Total BTEx	<0.300	0.300	05/17/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-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	05/17/2023	ND	416	104	400	3.77		

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	05/17/2023	ND	188	94.1	200	5.16	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	171	85.7	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 91.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/17/2023
 Reported: 05/18/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 05/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 3 (0-0.5') (H232468-03)

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	05/17/2023	ND	2.34	117	2.00	1.26		
Toluene*	<0.050	0.050	05/17/2023	ND	2.32	116	2.00	0.571		
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.25	113	2.00	1.59		
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.87	114	6.00	2.27		
Total BTEx	<0.300	0.300	05/17/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-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	05/17/2023	ND	416	104	400	3.77		

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	05/17/2023	ND	188	94.1	200	5.16	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	171	85.7	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/17/2023
 Reported: 05/18/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 05/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 4 (0-0.5') (H232468-04)

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	05/17/2023	ND	2.34	117	2.00	1.26	
Toluene*	<0.050	0.050	05/17/2023	ND	2.32	116	2.00	0.571	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.25	113	2.00	1.59	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.87	114	6.00	2.27	
Total BTEx	<0.300	0.300	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 71.5-134

Chloride, SM4500CI-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	05/17/2023	ND	416	104	400	3.77		

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	05/17/2023	ND	188	94.1	200	5.16	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	171	85.7	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 88.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.4 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/17/2023
 Reported: 05/18/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 05/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 5 (0-0.5') (H232468-05)

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	05/17/2023	ND	2.34	117	2.00	1.26	
Toluene*	<0.050	0.050	05/17/2023	ND	2.32	116	2.00	0.571	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.25	113	2.00	1.59	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.87	114	6.00	2.27	
Total BTEX	<0.300	0.300	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	05/17/2023	ND	416	104	400	3.77	

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	05/17/2023	ND	188	94.1	200	5.16	
DRO >C10-C28*	16.5	10.0	05/17/2023	ND	171	85.7	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 87.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/17/2023
 Reported: 05/18/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 05/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 6 (0-0.5') (H232468-06)

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	05/17/2023	ND	2.12	106	2.00	10.9		
Toluene*	<0.050	0.050	05/17/2023	ND	2.17	109	2.00	10.4		
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.08	104	2.00	9.48		
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.41	107	6.00	8.41		
Total BTEX	<0.300	0.300	05/17/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-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	05/17/2023	ND	416	104	400	3.77		

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	05/17/2023	ND	188	94.1	200	5.16	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	171	85.7	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 86.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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: 05/17/2023
 Reported: 05/18/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 05/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 7 (0-0.5') (H232468-07)

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	05/17/2023	ND	2.12	106	2.00	10.9	
Toluene*	<0.050	0.050	05/17/2023	ND	2.17	109	2.00	10.4	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.08	104	2.00	9.48	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.41	107	6.00	8.41	
Total BTEX	<0.300	0.300	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	05/17/2023	ND	416	104	400	3.77		

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	05/17/2023	ND	188	94.1	200	5.16	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	171	85.7	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 89.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/17/2023
 Reported: 05/18/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 05/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 8 (0-0.5') (H232468-08)

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	05/17/2023	ND	2.12	106	2.00	10.9	
Toluene*	<0.050	0.050	05/17/2023	ND	2.17	109	2.00	10.4	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.08	104	2.00	9.48	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.41	107	6.00	8.41	
Total BTEX	<0.300	0.300	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-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	05/17/2023	ND	416	104	400	3.77		

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	05/17/2023	ND	188	94.1	200	5.16	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	171	85.7	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 89.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.9 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/17/2023
 Reported: 05/18/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 05/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 9 (0-0.5') (H232468-09)

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	05/17/2023	ND	2.12	106	2.00	10.9		
Toluene*	<0.050	0.050	05/17/2023	ND	2.17	109	2.00	10.4		
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.08	104	2.00	9.48		
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.41	107	6.00	8.41		
Total BTEx	<0.300	0.300	05/17/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-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	05/17/2023	ND	416	104	400	3.77		

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	05/17/2023	ND	188	94.1	200	5.16	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	171	85.7	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/17/2023
 Reported: 05/18/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 05/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 10 (0-0.5') (H232468-10)

BTX 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	05/17/2023	ND	2.12	106	2.00	10.9	
Toluene*	<0.050	0.050	05/17/2023	ND	2.17	109	2.00	10.4	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.08	104	2.00	9.48	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.41	107	6.00	8.41	
Total BTX	<0.300	0.300	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-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	05/17/2023	ND	416	104	400	3.77		

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	05/17/2023	ND	188	94.1	200	5.16	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	171	85.7	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.1 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/17/2023
 Reported: 05/18/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 05/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 11 (0-0.5') (H232468-11)

BTX 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	05/17/2023	ND	2.12	106	2.00	10.9	
Toluene*	<0.050	0.050	05/17/2023	ND	2.17	109	2.00	10.4	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.08	104	2.00	9.48	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.41	107	6.00	8.41	
Total BTX	<0.300	0.300	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-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	05/17/2023	ND	416	104	400	3.77		

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	05/17/2023	ND	188	94.1	200	5.16	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	171	85.7	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 85.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.5 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/17/2023
 Reported: 05/18/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 05/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 12 (0-0.5') (H232468-12)

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	05/17/2023	ND	2.12	106	2.00	10.9		
Toluene*	<0.050	0.050	05/17/2023	ND	2.17	109	2.00	10.4		
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.08	104	2.00	9.48		
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.41	107	6.00	8.41		
Total BTEx	<0.300	0.300	05/17/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-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	05/17/2023	ND	416	104	400	3.77		

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	05/17/2023	ND	188	94.1	200	5.16	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	171	85.7	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.7 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/17/2023
 Reported: 05/18/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 05/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 13 (0-0.5') (H232468-13)

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	05/17/2023	ND	2.12	106	2.00	10.9		
Toluene*	<0.050	0.050	05/17/2023	ND	2.17	109	2.00	10.4		
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.08	104	2.00	9.48		
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.41	107	6.00	8.41		
Total BTEx	<0.300	0.300	05/17/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-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	05/17/2023	ND	416	104	400	3.77		

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	05/17/2023	ND	188	94.1	200	5.16	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	171	85.7	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 88.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.7 % 49.1-148

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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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No:

123246

Page 1 of 2

Project Manager:	Conner Moehring	Bill to: (if different)	James Kennedy
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:	James.Kennedy@eogresources.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> JRC <input type="checkbox"/> Superfund <input type="checkbox"/>	State of Project:
Reporting Level I <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: <input type="checkbox"/>

Project Name:	Modelo 10 Fed Com 607 Spill		Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Due Date:	24 hours
Project Number:	2027					
Project Location:	Lea County, New Mexico					
Sampler's Name:	FV/CRM					
PO #:						
SAMPLE RECEIPT			Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Received intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	113			
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	-0.6%			
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	-1.4%			
Total Containers:		Corrected Temperature:	-2.0%			

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST												Preservative Codes			
H-1 (0-0.5')	5/16/2023		X		G	1	X	X	X											None: NO	DI Water: H ₂ O		
H-2 (0-0.5')	5/16/2023		X		G	1	X	X	X											Cool: Cool	MeOH: Me		
H-3 (0-0.5')	5/16/2023		X		G	1	X	X	X											HCL: HC	HNO ₃ : HN		
H-4 (0-0.5')	5/16/2023		X		G	1	X	X	X											H ₂ SO ₄ : H ₂	NaOH: Na		
H-5 (0-0.5')	5/16/2023		X		G	1	X	X	X											H ₃ PO ₄ : HP			
H-6 (0-0.5')	5/16/2023		X		G	1	X	X	X											NaHSO ₄ : NABIS			
H-7 (0-0.5')	5/16/2023		X		G	1	X	X	X											Na ₂ S ₂ O ₅ : NaSO ₃			
H-8 (0-0.5')	5/16/2023		X		G	1	X	X	X											Zn Acetate+NaOH: Zn			
H-9 (0-0.5')	5/16/2023		X		G	1	X	X	X											NaOH+Ascorbic Acid: SAPC			
H-10 (0-0.5')	5/16/2023		X		G	1	X	X	X														

Comments: Email to Mike Carmona / mcarmona@carmonarresources.com and Conner Moehring / cmoehring@carmonarresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Conner Moehring</i>	5/17/23 0905	<i>James Kennedy</i>	

Chain of Custody

Work Order No: H.232468

Project Manager:	Conner Moehring	Bill to: (if different)	James Kennedy
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:	James.Kennedy@eogresources.com

Work Order Comments									
Program:	UST/PT	<input type="checkbox"/> RRP	<input type="checkbox"/> Brownfields	<input type="checkbox"/> TRC	<input type="checkbox"/> Spent	<input type="checkbox"/> Other:			
State of Project:									
Reporting Level II	<input type="checkbox"/> Level III	<input type="checkbox"/> ST/UST	<input type="checkbox"/> RRP	<input type="checkbox"/> Level IV	<input type="checkbox"/> Other:				
Deliverables:	EDD	<input type="checkbox"/>	ADAPT	<input type="checkbox"/>	Other:				

[illegible]

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Tommy Meyer</i>	6/17/23	<i>Shirley C. Meyer</i>	



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

May 18, 2023

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: MODELO 10 FED COM 607 SPILL

Enclosed are the results of analyses for samples received by the laboratory on 05/17/23 9:05.

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 accredited 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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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:	05/17/2023	Sampling Date:	05/16/2023
Reported:	05/18/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: S - 1 (0-1') (H232469-01)

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	05/17/2023	ND	2.12	106	2.00	10.9	
Toluene*	<0.050	0.050	05/17/2023	ND	2.17	109	2.00	10.4	
Ethylbenzene*	0.055	0.050	05/17/2023	ND	2.08	104	2.00	9.48	
Total Xylenes*	0.216	0.150	05/17/2023	ND	6.41	107	6.00	8.41	
Total BTEX	<0.300	0.300	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	2640	16.0	05/17/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	33.3	10.0	05/17/2023	ND	188	94.1	200	5.16	
DRO >C10-C28*	5350	10.0	05/17/2023	ND	171	85.7	200	4.53	
EXT DRO >C28-C36	916	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/17/2023
 Reported: 05/18/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 05/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 1 (1.5') (H232469-02)

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	05/17/2023	ND	2.12	106	2.00	10.9	
Toluene*	<0.050	0.050	05/17/2023	ND	2.17	109	2.00	10.4	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.08	104	2.00	9.48	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.41	107	6.00	8.41	
Total BTEx	<0.300	0.300	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	96.0	16.0	05/17/2023	ND	416	104	400	3.77	

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	05/17/2023	ND	188	94.1	200	5.16	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	171	85.7	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/17/2023
 Reported: 05/18/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 05/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 1 (2') (H232469-03)

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	05/17/2023	ND	2.12	106	2.00	10.9	
Toluene*	<0.050	0.050	05/17/2023	ND	2.17	109	2.00	10.4	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.08	104	2.00	9.48	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.41	107	6.00	8.41	
Total BTEx	<0.300	0.300	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	112	16.0	05/17/2023	ND	416	104	400	3.77		

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	05/17/2023	ND	188	94.1	200	5.16	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	171	85.7	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 96.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/17/2023
 Reported: 05/18/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 05/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 1 (3') (H232469-04)

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	05/17/2023	ND	2.12	106	2.00	10.9	
Toluene*	<0.050	0.050	05/17/2023	ND	2.17	109	2.00	10.4	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.08	104	2.00	9.48	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.41	107	6.00	8.41	
Total BTEx	<0.300	0.300	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-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	05/17/2023	ND	416	104	400	3.77		

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	05/17/2023	ND	188	94.1	200	5.16	
DRO >C10-C28*	38.3	10.0	05/17/2023	ND	171	85.7	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/17/2023
 Reported: 05/18/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 05/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 2 (0-1') (H232469-05)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	05/17/2023	ND	2.12	106	2.00	10.9	
Toluene*	1.18	0.500	05/17/2023	ND	2.17	109	2.00	10.4	
Ethylbenzene*	2.50	0.500	05/17/2023	ND	2.08	104	2.00	9.48	
Total Xylenes*	12.7	1.50	05/17/2023	ND	6.41	107	6.00	8.41	
Total BTEX	16.4	3.00	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 123 % 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	7200	16.0	05/17/2023	ND	416	104	400	3.77		

TPH 8015M	mg/kg		Analyzed By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	682	50.0	05/17/2023	ND	161	80.4	200	0.902	QR-03
DRO >C10-C28*	36400	50.0	05/17/2023	ND	175	87.5	200	2.57	QM-07
EXT DRO >C28-C36	5890	50.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 296 % 48.2-134

Surrogate: 1-Chlorooctadecane 855 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/17/2023
 Reported: 05/18/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 05/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 2 (1.5') (H232469-06)

BTEx 8021B		mg/ kg		Analyzed By: JH/				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2023	ND	2.12	106	2.00	10.9	
Toluene*	0.070	0.050	05/17/2023	ND	2.17	109	2.00	10.4	
Ethylbenzene*	0.490	0.050	05/17/2023	ND	2.08	104	2.00	9.48	
Total Xylenes*	1.37	0.150	05/17/2023	ND	6.41	107	6.00	8.41	
Total BTEX	1.93	0.300	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 146 % 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	240	16.0	05/17/2023	ND	416	104	400	3.77	

TPH 8015M			mg/kg					Analyzed By: MS	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	75.5	10.0	05/17/2023	ND	161	80.4	200	0.902	
DRO >C10-C28*	3530	10.0	05/17/2023	ND	175	87.5	200	2.57	
EXT DRO >C28-C36	455	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 132 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/17/2023
 Reported: 05/18/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 05/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 2 (2') (H232469-07)

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	05/17/2023	ND	2.12	106	2.00	10.9	
Toluene*	<0.050	0.050	05/17/2023	ND	2.17	109	2.00	10.4	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.08	104	2.00	9.48	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.41	107	6.00	8.41	
Total BTEX	<0.300	0.300	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	192	16.0	05/17/2023	ND	416	104	400	3.77	

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	05/17/2023	ND	161	80.4	200	0.902	
DRO >C10-C28*	185	10.0	05/17/2023	ND	175	87.5	200	2.57	
EXT DRO >C28-C36	17.2	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 98.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/17/2023
 Reported: 05/18/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 05/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 3 (0-1') (H232469-08)

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	05/17/2023	ND	2.12	106	2.00	10.9	
Toluene*	0.124	0.050	05/17/2023	ND	2.17	109	2.00	10.4	
Ethylbenzene*	0.350	0.050	05/17/2023	ND	2.08	104	2.00	9.48	
Total Xylenes*	1.78	0.150	05/17/2023	ND	6.41	107	6.00	8.41	
Total BTEX	2.25	0.300	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 126 % 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	2120	16.0	05/17/2023	ND	416	104	400	3.77		
TPH 8015M		mg/kg		Analyzed By: MS						S-06

Surrogate: 1-Chlorooctane 179 % 48.2-134

Surrogate: 1-Chlorooctadecane 355 % 49.1-148

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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: 05/17/2023
 Reported: 05/18/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 05/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 3 (1.5') (H232469-09)

BTEx 8021B			mg/kg					Analyzed By: JH/		S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Benzene*	<0.050	0.050	05/17/2023	ND	2.12	106	2.00	10.9			
Toluene*	0.343	0.050	05/17/2023	ND	2.17	109	2.00	10.4			
Ethylbenzene*	1.02	0.050	05/17/2023	ND	2.08	104	2.00	9.48			
Total Xylenes*	4.94	0.150	05/17/2023	ND	6.41	107	6.00	8.41			
Total BTEX	6.31	0.300	05/17/2023	ND							

Surrogate: 4-Bromofluorobenzene (PID) 150 % 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	544	16.0	05/17/2023	ND	416	104	400	3.77			

TPH 8015M			mg/kg					Analyzed By: MS			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10*	125	10.0	05/17/2023	ND	161	80.4	200	0.902			
DRO >C10-C28*	4120	10.0	05/17/2023	ND	175	87.5	200	2.57			
EXT DRO >C28-C36	490	10.0	05/17/2023	ND							

Surrogate: 1-Chlorooctane 132 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/17/2023
 Reported: 05/18/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 05/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 3 (2') (H232469-10)

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	05/17/2023	ND	2.12	106	2.00	10.9	
Toluene*	<0.050	0.050	05/17/2023	ND	2.17	109	2.00	10.4	
Ethylbenzene*	0.118	0.050	05/17/2023	ND	2.08	104	2.00	9.48	
Total Xylenes*	0.541	0.150	05/17/2023	ND	6.41	107	6.00	8.41	
Total BTEX	0.659	0.300	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 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	384	16.0	05/17/2023	ND	416	104	400	3.77		

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	17.1	10.0	05/17/2023	ND	161	80.4	200	0.902	
DRO >C10-C28*	628	10.0	05/17/2023	ND	175	87.5	200	2.57	
EXT DRO >C28-C36	53.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 141 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/17/2023
 Reported: 05/18/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 05/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 4 (0-1') (H232469-11)

BTEx 8021B		mg/kg		Analyzed By: JH/				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.157	0.100	05/17/2023	ND	2.12	106	2.00	10.9	
Toluene*	2.33	0.100	05/17/2023	ND	2.17	109	2.00	10.4	
Ethylbenzene*	4.25	0.100	05/17/2023	ND	2.08	104	2.00	9.48	
Total Xylenes*	19.1	0.300	05/17/2023	ND	6.41	107	6.00	8.41	
Total BTEX	25.8	0.600	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 152 % 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	6080	16.0	05/17/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1090	50.0	05/17/2023	ND	161	80.4	200	0.902	
DRO >C10-C28*	30400	50.0	05/17/2023	ND	175	87.5	200	2.57	
EXT DRO >C28-C36	3630	50.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 381 % 48.2-134

Surrogate: 1-Chlorooctadecane 475 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/17/2023
 Reported: 05/18/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 05/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 4 (1.5') (H232469-12)

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	05/17/2023	ND	2.12	106	2.00	10.9		
Toluene*	<0.050	0.050	05/17/2023	ND	2.17	109	2.00	10.4		
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.08	104	2.00	9.48		
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.41	107	6.00	8.41		
Total BTEx	<0.300	0.300	05/17/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6560	16.0	05/17/2023	ND	416	104	400	3.77		

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	05/17/2023	ND	161	80.4	200	0.902	
DRO >C10-C28*	381	10.0	05/17/2023	ND	175	87.5	200	2.57	
EXT DRO >C28-C36	27.4	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/17/2023
 Reported: 05/18/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 05/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 4 (2') (H232469-13)

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	05/17/2023	ND	2.16	108	2.00	14.7		
Toluene*	<0.050	0.050	05/17/2023	ND	2.15	108	2.00	14.7		
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.25	112	2.00	14.6		
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.64	111	6.00	14.0		
Total BTEx	<0.300	0.300	05/17/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	05/17/2023	ND	416	104	400	3.77		

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	05/17/2023	ND	161	80.4	200	0.902	
DRO >C10-C28*	349	10.0	05/17/2023	ND	175	87.5	200	2.57	
EXT DRO >C28-C36	33.3	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 92.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/17/2023
 Reported: 05/18/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 05/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 5 (0-1') (H232469-14)

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	05/17/2023	ND	2.16	108	2.00	14.7	
Toluene*	<0.050	0.050	05/17/2023	ND	2.15	108	2.00	14.7	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.25	112	2.00	14.6	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.64	111	6.00	14.0	
Total BTEx	<0.300	0.300	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	05/17/2023	ND	416	104	400	3.77	

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	05/17/2023	ND	161	80.4	200	0.902	
DRO >C10-C28*	33.1	10.0	05/17/2023	ND	175	87.5	200	2.57	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/17/2023
 Reported: 05/18/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 05/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 5 (2') (H232469-15)

BTX 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	05/17/2023	ND	2.16	108	2.00	14.7		
Toluene*	<0.050	0.050	05/17/2023	ND	2.15	108	2.00	14.7		
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.25	112	2.00	14.6		
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.64	111	6.00	14.0		
Total BTX	<0.300	0.300	05/17/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-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	05/17/2023	ND	416	104	400	3.77		

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	05/17/2023	ND	161	80.4	200	0.902	
DRO >C10-C28*	33.2	10.0	05/17/2023	ND	175	87.5	200	2.57	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/17/2023
 Reported: 05/18/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 05/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 6 (0-1') (H232469-16)

BTEX 8021B		mg/kg		Analyzed By: JH/				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.103	0.050	05/17/2023	ND	2.16	108	2.00	14.7	
Toluene*	1.49	0.050	05/17/2023	ND	2.15	108	2.00	14.7	
Ethylbenzene*	3.86	0.050	05/17/2023	ND	2.25	112	2.00	14.6	
Total Xylenes*	19.0	0.150	05/17/2023	ND	6.64	111	6.00	14.0	
Total BTEX	24.4	0.300	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 165 % 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	2640	16.0	05/17/2023	ND	416	104	400	3.77			

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	736	50.0	05/17/2023	ND	161	80.4	200	0.902	
DRO >C10-C28*	27400	50.0	05/17/2023	ND	175	87.5	200	2.57	
EXT DRO >C28-C36	3350	50.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 313 % 48.2-134

Surrogate: 1-Chlorooctadecane 468 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/17/2023
 Reported: 05/18/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 05/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 6 (1.5') (H232469-17)

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	05/17/2023	ND	2.16	108	2.00	14.7		
Toluene*	<0.050	0.050	05/17/2023	ND	2.15	108	2.00	14.7		
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.25	112	2.00	14.6		
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.64	111	6.00	14.0		
Total BTEx	<0.300	0.300	05/17/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-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	05/17/2023	ND	400	100	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	05/17/2023	ND	161	80.4	200	0.902	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	175	87.5	200	2.57	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/17/2023
 Reported: 05/18/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 05/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 7 (0-1') (H232469-18)

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	05/17/2023	ND	2.16	108	2.00	14.7	
Toluene*	<0.050	0.050	05/17/2023	ND	2.15	108	2.00	14.7	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.25	112	2.00	14.6	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.64	111	6.00	14.0	
Total BTEX	<0.300	0.300	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	3360	16.0	05/17/2023	ND	400	100	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	05/17/2023	ND	161	80.4	200	0.902	
DRO >C10-C28*	12.7	10.0	05/17/2023	ND	175	87.5	200	2.57	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/17/2023
 Reported: 05/18/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 05/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 7 (1.5') (H232469-19)

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	05/17/2023	ND	2.16	108	2.00	14.7	
Toluene*	<0.050	0.050	05/17/2023	ND	2.15	108	2.00	14.7	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.25	112	2.00	14.6	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.64	111	6.00	14.0	
Total BTEx	<0.300	0.300	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	05/17/2023	ND	400	100	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	05/17/2023	ND	161	80.4	200	0.902	
DRO >C10-C28*	117	10.0	05/17/2023	ND	175	87.5	200	2.57	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/17/2023
 Reported: 05/18/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 05/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 7 (2') (H232469-20)

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	05/17/2023	ND	2.16	108	2.00	14.7		
Toluene*	<0.050	0.050	05/17/2023	ND	2.15	108	2.00	14.7		
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.25	112	2.00	14.6		
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.64	111	6.00	14.0		
Total BTEX	<0.300	0.300	05/17/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	64.0	16.0	05/17/2023	ND	400	100	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	05/17/2023	ND	161	80.4	200	0.902	
DRO >C10-C28*	156	10.0	05/17/2023	ND	175	87.5	200	2.57	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/17/2023
 Reported: 05/18/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 05/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 8 (0-1') (H232469-21)

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	05/17/2023	ND	2.16	108	2.00	14.7		
Toluene*	<0.050	0.050	05/17/2023	ND	2.15	108	2.00	14.7		
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.25	112	2.00	14.6		
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.64	111	6.00	14.0		
Total BTEx	<0.300	0.300	05/17/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-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	05/17/2023	ND	400	100	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	05/17/2023	ND	161	80.4	200	0.902	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	175	87.5	200	2.57	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 96.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/17/2023
 Reported: 05/18/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 05/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 8 (1.5') (H232469-22)

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	05/17/2023	ND	2.16	108	2.00	14.7	
Toluene*	<0.050	0.050	05/17/2023	ND	2.15	108	2.00	14.7	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.25	112	2.00	14.6	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.64	111	6.00	14.0	
Total BTEX	<0.300	0.300	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	96.0	16.0	05/17/2023	ND	400	100	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	05/17/2023	ND	161	80.4	200	0.902	
DRO >C10-C28*	96.9	10.0	05/17/2023	ND	175	87.5	200	2.57	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 94.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/17/2023
 Reported: 05/18/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 05/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 8 (2') (H232469-23)

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	05/17/2023	ND	2.16	108	2.00	14.7	
Toluene*	<0.050	0.050	05/17/2023	ND	2.15	108	2.00	14.7	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.25	112	2.00	14.6	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.64	111	6.00	14.0	
Total BTEx	<0.300	0.300	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	05/17/2023	ND	400	100	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	05/17/2023	ND	161	80.4	200	0.902	
DRO >C10-C28*	166	10.0	05/17/2023	ND	175	87.5	200	2.57	
EXT DRO >C28-C36	14.5	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 80.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/17/2023
 Reported: 05/18/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 05/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 9 (0-1') (H232469-24)

BTEx 8021B		mg/kg		Analyzed By: JH/				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.291	0.200	05/17/2023	ND	2.16	108	2.00	14.7	
Toluene*	3.34	0.200	05/17/2023	ND	2.15	108	2.00	14.7	
Ethylbenzene*	7.29	0.200	05/17/2023	ND	2.25	112	2.00	14.6	
Total Xylenes*	31.6	0.600	05/17/2023	ND	6.64	111	6.00	14.0	
Total BTEX	42.5	1.20	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 139 % 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	9200	16.0	05/17/2023	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1350	50.0	05/17/2023	ND	161	80.4	200	0.902	
DRO >C10-C28*	33300	50.0	05/17/2023	ND	175	87.5	200	2.57	
EXT DRO >C28-C36	4050	50.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 449 % 48.2-134

Surrogate: 1-Chlorooctadecane 547 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/17/2023
 Reported: 05/18/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 05/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 9 (1.5') (H232469-25)

BTEx 8021B		mg/kg	Analyzed By: JH/					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2023	ND	2.16	108	2.00	14.7	
Toluene*	0.081	0.050	05/17/2023	ND	2.15	108	2.00	14.7	
Ethylbenzene*	0.245	0.050	05/17/2023	ND	2.25	112	2.00	14.6	
Total Xylenes*	1.04	0.150	05/17/2023	ND	6.64	111	6.00	14.0	
Total BTEX	1.37	0.300	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 135 % 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	11500	16.0	05/17/2023	ND	400	100	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	202	10.0	05/17/2023	ND	182	91.1	200	0.115	
DRO >C10-C28*	4860	10.0	05/17/2023	ND	173	86.3	200	3.78	QM-07
EXT DRO >C28-C36	962	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 158 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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: 05/17/2023
 Reported: 05/18/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 05/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 9 (2.5') (H232469-26)

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	05/17/2023	ND	2.16	108	2.00	14.7		
Toluene*	<0.050	0.050	05/17/2023	ND	2.15	108	2.00	14.7		
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.25	112	2.00	14.6		
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.64	111	6.00	14.0		
Total BTEx	<0.300	0.300	05/17/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	05/17/2023	ND	400	100	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	05/17/2023	ND	182	91.1	200	0.115	
DRO >C10-C28*	50.2	10.0	05/17/2023	ND	173	86.3	200	3.78	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/17/2023
 Reported: 05/18/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 05/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 9 (3') (H232469-27)

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	05/17/2023	ND	2.16	108	2.00	14.7	
Toluene*	<0.050	0.050	05/17/2023	ND	2.15	108	2.00	14.7	
Ethylbenzene*	0.051	0.050	05/17/2023	ND	2.25	112	2.00	14.6	
Total Xylenes*	0.270	0.150	05/17/2023	ND	6.64	111	6.00	14.0	
Total BTEX	0.321	0.300	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	272	16.0	05/17/2023	ND	400	100	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	05/17/2023	ND	182	91.1	200	0.115	
DRO >C10-C28*	395	10.0	05/17/2023	ND	173	86.3	200	3.78	
EXT DRO >C28-C36	42.2	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 05/17/2023
 Reported: 05/18/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 05/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 5 (1.5') (H232469-28)

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	05/17/2023	ND	2.16	108	2.00	14.7	
Toluene*	<0.050	0.050	05/17/2023	ND	2.15	108	2.00	14.7	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.25	112	2.00	14.6	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.64	111	6.00	14.0	
Total BTEx	<0.300	0.300	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-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	05/17/2023	ND	400	100	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	05/17/2023	ND	182	91.1	200	0.115	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	173	86.3	200	3.78	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 96.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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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A handwritten signature in black ink, appearing to read "Celey D. Keene", written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: H23246

Project Manager:	Conner Moehring	Bill to: (if different)	James Kennedy
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:	James_Kennedy@eogresources.com

Page 1 of 3

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Iperfund <input type="checkbox"/>	
State of Project:	
Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other:	

Project Name:		Modelo 10 Fed Com 607 Spill		Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:		2027		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location		Lea County, New Mexico		Due Date:		24 hours														Cool: Cool MeOH: Me							
Sampler's Name:		FV/CRM																		HCL: HC HNO ₃ : HN							
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No														H ₃ PO ₄ : HP					
Received Intact:		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Thermometer ID:		113														NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes No <input checked="" type="checkbox"/> N/A		Correction Factor:		-0.6°C														Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes No <input checked="" type="checkbox"/> N/A		Temperature Reading:		-1.4°C														Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:		-2.0°C														NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
S-1 (0-1')		5/16/2023				X				G		1		X X X													
S-1 (1.5')		5/16/2023				X				G		1		X X X													
S-1 (2')		5/16/2023				X				G		1		X X X													
S-1 (3')		5/16/2023				X				G		1		X X X													
S-2 (0-1')		5/16/2023				X				G		1		X X X													
S-2 (1.5')		5/16/2023				X				G		1		X X X													
S-2 (2')		5/16/2023				X				G		1		X X X													
S-3 (0-1')		5/16/2023				X				G		1		X X X													
S-3 (1.5')		5/16/2023				X				G		1		X X X													
S-3 (2')		5/16/2023				X				G		1		X X X													

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

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
<i>Conner Moehring</i>		5/17/23 0905		<i>Samara Aldakry</i>			

Work Order No: H23246

Page 2 of 3

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: _____

[illegible]

# of	Parameters
	BTEX 8021B
	TPH 8015M (GRO + DRO + MRO)
	Chloride 4500
	None: NO DI Water: H ₂ O
	Cool: Cool MeOH: Me
	HCL: HC HNO ₃ : HN
	H ₂ SO ₄ : H ₂ NaOH: Na
	H ₃ PO ₄ : HP
	NaHSO ₄ : NABIS
	Na ₂ S ₂ O ₃ : NaSO ₃
	Zn Acetate+NaOH: Zn
	NaOH+Ascorbic Acid: SAPC

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Samir M. J. [Signature]</i>	01/17/23 0905	<i>Samir M. J. [Signature]</i>	

Chain of Custody

Work Order No: H232469

Page 3 of 3

Project Manager:	Conner Moehring		Bill to: (if different)	James Kennedy
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:	James_Kennedy@eogresources.com
Project Name:	Modelo 10 Fed Com 607 Spill			

Page 3 of 3

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RC ☐ JERF ☐ Other: ☐

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other: ☐

Project Name:		Modelo 10 Fed Com 607 Spill		Turn Around		Pres. Code		ANALYSIS REQUEST												Preservative Codes							
Project Number:		2027		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush		Due Date:														None: NO DI Water: H ₂ O Cool: Cool MeOH: Me HCL: HC HNO ₃ : HN H ₂ SO ₄ : H ₂ NaOH: Na H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC							
Project Location:		Lea County, New Mexico		Due Date:		24 hours																					
Sampler's Name:		FV/CRM																									
PO #:																											
SAMPLE RECEIPT				Temp Blank:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Wet Ice:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																	
Received Intact:				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:		113																			
Cooler Custody Seals:				Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Correction Factor:		-0.6°																			
Sample Custody Seals:				Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Temperature Reading:		-1.4°																			
Total Containers:						Corrected Temperature:		-2.0°																			
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont															
S-8 (0-1')		5/16/2023				X				G		1		X X X													
S-8 (1.5')		5/16/2023				X				G		1		X X X													
S-8 (2')		5/16/2023				X				G		1		X X X													
S-9 (0-1')		5/16/2023				X				G		1		X X X													
S-9 (1.5')		5/16/2023				X				G		1		X X X													
S-9 (2.5')		5/16/2023				X				G		1		X X X													
S-9 (3')		5/16/2023				X				G		1		X X X													
S-5 (1.5')		5/16/2023				X				G		1		✓ ✓ ✓ *													

* Customer requested extra sample be added to # 100

* Customer requested extra sample be added to LOC

5/17/23

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>[Signature]</i>	5/17/23 0905	<i>[Signature]</i>	



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

June 16, 2023

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: MODELO 10 FED COM 607 SPILL

Enclosed are the results of analyses for samples received by the laboratory on 06/15/23 15:00.

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 accredited 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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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:	06/15/2023	Sampling Date:	06/08/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 1 (3.5') (H233097-01)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.36	118	2.00	1.57	
Toluene*	<0.050	0.050	06/16/2023	ND	2.19	110	2.00	0.122	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.17	108	2.00	0.913	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.50	108	6.00	0.509	
Total BTX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 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	06/16/2023	ND	416	104	400	3.77	

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	06/15/2023	ND	226	113	200	4.96	
DRO >C10-C28*	<10.0	10.0	06/15/2023	ND	208	104	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND					

Surrogate: 1-Chlorooctane 91.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 2 (3.5') (H233097-02)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.36	118	2.00	1.57	
Toluene*	<0.050	0.050	06/16/2023	ND	2.19	110	2.00	0.122	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.17	108	2.00	0.913	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.50	108	6.00	0.509	
Total BTX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 71.5-134

Chloride, SM4500CI-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	06/16/2023	ND	416	104	400	3.77		

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	06/15/2023	ND	226	113	200	4.96	
DRO >C10-C28*	<10.0	10.0	06/15/2023	ND	208	104	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND					

Surrogate: 1-Chlorooctane 61.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 58.0 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 3 (3.5') (H233097-03)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	2.36	118	2.00	1.57		
Toluene*	<0.050	0.050	06/16/2023	ND	2.19	110	2.00	0.122		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.17	108	2.00	0.913		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.50	108	6.00	0.509		
Total BTEx	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 71.5-134

Chloride, SM4500CI-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	06/16/2023	ND	416	104	400	3.77		

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	06/15/2023	ND	226	113	200	4.96	
DRO >C10-C28*	<10.0	10.0	06/15/2023	ND	208	104	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND					

Surrogate: 1-Chlorooctane 88.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.9 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 4 (3.5') (H233097-04)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.36	118	2.00	1.57	
Toluene*	<0.050	0.050	06/16/2023	ND	2.19	110	2.00	0.122	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.17	108	2.00	0.913	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.50	108	6.00	0.509	
Total BTEx	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-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	06/16/2023	ND	416	104	400	3.77		

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	06/15/2023	ND	226	113	200	4.96	
DRO >C10-C28*	<10.0	10.0	06/15/2023	ND	208	104	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.4 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 5 (4') (H233097-05)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.36	118	2.00	1.57	
Toluene*	<0.050	0.050	06/16/2023	ND	2.19	110	2.00	0.122	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.17	108	2.00	0.913	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.50	108	6.00	0.509	
Total BTEx	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 71.5-134

Chloride, SM4500CI-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	06/16/2023	ND	416	104	400	3.77	

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	06/15/2023	ND	226	113	200	4.96	
DRO >C10-C28*	<10.0	10.0	06/15/2023	ND	208	104	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND					

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.1 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 6 (4') (H233097-06)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	2.36	118	2.00	1.57		
Toluene*	<0.050	0.050	06/16/2023	ND	2.19	110	2.00	0.122		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.17	108	2.00	0.913		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.50	108	6.00	0.509		
Total BTEx	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 71.5-134

Chloride, SM4500CI-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	06/16/2023	ND	416	104	400	3.77		

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	06/15/2023	ND	226	113	200	4.96	
DRO >C10-C28*	<10.0	10.0	06/15/2023	ND	208	104	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND					

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.3 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/08/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 7 (4') (H233097-07)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.36	118	2.00	1.57	
Toluene*	<0.050	0.050	06/16/2023	ND	2.19	110	2.00	0.122	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.17	108	2.00	0.913	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.50	108	6.00	0.509	
Total BTEx	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-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	06/16/2023	ND	416	104	400	3.77	

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	06/15/2023	ND	226	113	200	4.96	
DRO >C10-C28*	<10.0	10.0	06/15/2023	ND	208	104	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 8 (1.5') (H233097-08)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.36	118	2.00	1.57	
Toluene*	<0.050	0.050	06/16/2023	ND	2.19	110	2.00	0.122	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.17	108	2.00	0.913	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.50	108	6.00	0.509	
Total BTEx	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/16/2023	ND	416	104	400	3.77	

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	06/15/2023	ND	226	113	200	4.96	
DRO >C10-C28*	269	10.0	06/15/2023	ND	208	104	200	3.03	
EXT DRO >C28-C36	26.6	10.0	06/15/2023	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.4 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 9 (1.5') (H233097-09)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.36	118	2.00	1.57	
Toluene*	<0.050	0.050	06/16/2023	ND	2.19	110	2.00	0.122	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.17	108	2.00	0.913	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.50	108	6.00	0.509	
Total BTX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	06/16/2023	ND	416	104	400	3.77		

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	06/16/2023	ND	226	113	200	4.96	
DRO >C10-C28*	359	10.0	06/16/2023	ND	208	104	200	3.03	
EXT DRO >C28-C36	49.3	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 10 (1.5') (H233097-10)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.36	118	2.00	1.57	
Toluene*	<0.050	0.050	06/16/2023	ND	2.19	110	2.00	0.122	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.17	108	2.00	0.913	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.50	108	6.00	0.509	
Total BTX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/16/2023	ND	416	104	400	3.77	

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	06/16/2023	ND	226	113	200	4.96	
DRO >C10-C28*	260	10.0	06/16/2023	ND	208	104	200	3.03	
EXT DRO >C28-C36	24.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 87.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.0 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 11 (1.5') (H233097-11)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.36	118	2.00	1.57	
Toluene*	<0.050	0.050	06/16/2023	ND	2.19	110	2.00	0.122	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.17	108	2.00	0.913	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.50	108	6.00	0.509	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	240	16.0	06/16/2023	ND	416	104	400	3.77	

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	06/16/2023	ND	226	113	200	4.96	
DRO >C10-C28*	109	10.0	06/16/2023	ND	208	104	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.8 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 12 (1.5') (H233097-12)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.36	118	2.00	1.57	
Toluene*	<0.050	0.050	06/16/2023	ND	2.19	110	2.00	0.122	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.17	108	2.00	0.913	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.50	108	6.00	0.509	
Total BTX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	06/16/2023	ND	416	104	400	3.77		

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	06/16/2023	ND	226	113	200	4.96	
DRO >C10-C28*	59.9	10.0	06/16/2023	ND	208	104	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 13 (1.5') (H233097-13)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.36	118	2.00	1.57	
Toluene*	<0.050	0.050	06/16/2023	ND	2.19	110	2.00	0.122	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.17	108	2.00	0.913	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.50	108	6.00	0.509	
Total BTEx	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	06/16/2023	ND	416	104	400	3.77		

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	06/16/2023	ND	226	113	200	4.96	
DRO >C10-C28*	136	10.0	06/16/2023	ND	208	104	200	3.03	
EXT DRO >C28-C36	14.6	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 14 (1.5') (H233097-14)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.36	118	2.00	1.57	
Toluene*	<0.050	0.050	06/16/2023	ND	2.19	110	2.00	0.122	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.17	108	2.00	0.913	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.50	108	6.00	0.509	
Total BTEx	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	06/16/2023	ND	432	108	400	3.64	

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	06/16/2023	ND	226	113	200	4.96	
DRO >C10-C28*	109	10.0	06/16/2023	ND	208	104	200	3.03	
EXT DRO >C28-C36	10.5	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 15 (2.5') (H233097-15)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.36	118	2.00	1.57	
Toluene*	<0.050	0.050	06/16/2023	ND	2.19	110	2.00	0.122	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.17	108	2.00	0.913	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.50	108	6.00	0.509	
Total BTEx	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	06/16/2023	ND	432	108	400	3.64		

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	06/16/2023	ND	226	113	200	4.96	
DRO >C10-C28*	73.6	10.0	06/16/2023	ND	208	104	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 91.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.2 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 16 (1.5') (H233097-16)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.36	118	2.00	1.57	
Toluene*	<0.050	0.050	06/16/2023	ND	2.19	110	2.00	0.122	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.17	108	2.00	0.913	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.50	108	6.00	0.509	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	336	16.0	06/16/2023	ND	432	108	400	3.64	

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	06/16/2023	ND	226	113	200	4.96	
DRO >C10-C28*	154	10.0	06/16/2023	ND	208	104	200	3.03	
EXT DRO >C28-C36	14.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 17 (1.5') (H233097-17)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	2.36	118	2.00	1.57		
Toluene*	<0.050	0.050	06/16/2023	ND	2.19	110	2.00	0.122		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.17	108	2.00	0.913		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.50	108	6.00	0.509		
Total BTX	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 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	304	16.0	06/16/2023	ND	432	108	400	3.64	

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	06/16/2023	ND	175	87.6	200	4.46	
DRO >C10-C28*	128	10.0	06/16/2023	ND	162	81.0	200	3.14	QM-07, QR-03
EXT DRO >C28-C36	29.8	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 18 (1.5') (H233097-18)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.46	123	2.00	2.23	QM-07
Toluene*	<0.050	0.050	06/16/2023	ND	2.42	121	2.00	1.57	QM-07
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.34	117	2.00	1.99	QM-07
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.06	118	6.00	0.912	QM-07
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	06/16/2023	ND	432	108	400	3.64		

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	06/15/2023	ND	175	87.6	200	4.46	
DRO >C10-C28*	45.8	10.0	06/15/2023	ND	162	81.0	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND					

Surrogate: 1-Chlorooctane 49.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 53.7 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 19 (1.5') (H233097-19)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	2.46	123	2.00	2.23		
Toluene*	<0.050	0.050	06/16/2023	ND	2.42	121	2.00	1.57		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.34	117	2.00	1.99		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.06	118	6.00	0.912		
Total BTEx	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	06/16/2023	ND	432	108	400	3.64		

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	06/16/2023	ND	175	87.6	200	4.46	
DRO >C10-C28*	152	10.0	06/16/2023	ND	162	81.0	200	3.14	
EXT DRO >C28-C36	33.5	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 98.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 20 (1.5') (H233097-20)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.46	123	2.00	2.23	
Toluene*	<0.050	0.050	06/16/2023	ND	2.42	121	2.00	1.57	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.34	117	2.00	1.99	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.06	118	6.00	0.912	
Total BTX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	06/16/2023	ND	432	108	400	3.64		

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	06/16/2023	ND	175	87.6	200	4.46	
DRO >C10-C28*	82.4	10.0	06/16/2023	ND	162	81.0	200	3.14	
EXT DRO >C28-C36	12.2	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 21 (1.5') (H233097-21)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.46	123	2.00	2.23	
Toluene*	<0.050	0.050	06/16/2023	ND	2.42	121	2.00	1.57	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.34	117	2.00	1.99	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.06	118	6.00	0.912	
Total BTX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	06/16/2023	ND	432	108	400	3.64		

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	06/16/2023	ND	175	87.6	200	4.46	
DRO >C10-C28*	89.0	10.0	06/16/2023	ND	162	81.0	200	3.14	
EXT DRO >C28-C36	15.6	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 96.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.8 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 22 (1.5') (H233097-22)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	2.46	123	2.00	2.23		
Toluene*	<0.050	0.050	06/16/2023	ND	2.42	121	2.00	1.57		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.34	117	2.00	1.99		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.06	118	6.00	0.912		
Total BTEx	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	06/16/2023	ND	432	108	400	3.64		

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	06/16/2023	ND	175	87.6	200	4.46	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	162	81.0	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 23 (1.5') (H233097-23)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.46	123	2.00	2.23	
Toluene*	<0.050	0.050	06/16/2023	ND	2.42	121	2.00	1.57	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.34	117	2.00	1.99	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.06	118	6.00	0.912	
Total BTX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	06/16/2023	ND	432	108	400	3.64	

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	06/16/2023	ND	175	87.6	200	4.46	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	162	81.0	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 24 (1.5') (H233097-24)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.46	123	2.00	2.23	
Toluene*	<0.050	0.050	06/16/2023	ND	2.42	121	2.00	1.57	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.34	117	2.00	1.99	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.06	118	6.00	0.912	
Total BTX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/16/2023	ND	432	108	400	3.64	

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	06/16/2023	ND	175	87.6	200	4.46	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	162	81.0	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 25 (1.5') (H233097-25)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.46	123	2.00	2.23	
Toluene*	<0.050	0.050	06/16/2023	ND	2.42	121	2.00	1.57	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.34	117	2.00	1.99	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.06	118	6.00	0.912	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	06/16/2023	ND	432	108	400	3.64		

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	06/16/2023	ND	175	87.6	200	4.46	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	162	81.0	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.1 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 26 (1.5') (H233097-26)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.46	123	2.00	2.23	
Toluene*	<0.050	0.050	06/16/2023	ND	2.42	121	2.00	1.57	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.34	117	2.00	1.99	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.06	118	6.00	0.912	
Total BTEx	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	06/16/2023	ND	432	108	400	3.64	

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	06/16/2023	ND	175	87.6	200	4.46	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	162	81.0	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 98.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.9 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 27 (1.5') (H233097-27)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.46	123	2.00	2.23	
Toluene*	<0.050	0.050	06/16/2023	ND	2.42	121	2.00	1.57	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.34	117	2.00	1.99	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.06	118	6.00	0.912	
Total BTEx	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	06/16/2023	ND	432	108	400	3.64	

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	06/16/2023	ND	175	87.6	200	4.46	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	162	81.0	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 91.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.0 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 28 (1.5') (H233097-28)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	2.46	123	2.00	2.23		
Toluene*	<0.050	0.050	06/16/2023	ND	2.42	121	2.00	1.57		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.34	117	2.00	1.99		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.06	118	6.00	0.912		
Total BTEX	<0.300	0.300	06/16/2023	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	144	16.0	06/16/2023	ND	432	108	400	3.64		

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	06/15/2023	ND	175	87.6	200	4.46	
DRO >C10-C28*	<10.0	10.0	06/15/2023	ND	162	81.0	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND					

Surrogate: 1-Chlorooctane 84.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.8 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 29 (1.5') (H233097-29)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	2.46	123	2.00	2.23		
Toluene*	<0.050	0.050	06/16/2023	ND	2.42	121	2.00	1.57		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.34	117	2.00	1.99		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.06	118	6.00	0.912		
Total BTEx	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	06/16/2023	ND	432	108	400	3.64		

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	06/15/2023	ND	175	87.6	200	4.46	
DRO >C10-C28*	<10.0	10.0	06/15/2023	ND	162	81.0	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.1 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 30 (1.5') (H233097-30)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	2.46	123	2.00	2.23		
Toluene*	<0.050	0.050	06/16/2023	ND	2.42	121	2.00	1.57		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.34	117	2.00	1.99		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.06	118	6.00	0.912		
Total BTEx	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	06/16/2023	ND	432	108	400	3.64		

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	06/15/2023	ND	175	87.6	200	4.46	
DRO >C10-C28*	<10.0	10.0	06/15/2023	ND	162	81.0	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND					

Surrogate: 1-Chlorooctane 68.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.3 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 31 (1.5') (H233097-31)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	2.46	123	2.00	2.23		
Toluene*	<0.050	0.050	06/16/2023	ND	2.42	121	2.00	1.57		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.34	117	2.00	1.99		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.06	118	6.00	0.912		
Total BTEx	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/16/2023	ND	432	108	400	3.64	

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	06/16/2023	ND	175	87.6	200	4.46	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	162	81.0	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 80.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.7 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 32 (1.5') (H233097-32)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.46	123	2.00	2.23	
Toluene*	<0.050	0.050	06/16/2023	ND	2.42	121	2.00	1.57	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.34	117	2.00	1.99	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.06	118	6.00	0.912	
Total BTX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	06/16/2023	ND	432	108	400	3.64	

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	06/16/2023	ND	175	87.6	200	4.46	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	162	81.0	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 60.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 61.6 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 33 (1.5') (H233097-33)

BTX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/15/2023	ND	2.41	120	2.00	1.96	QM-07
Toluene*	<0.050	0.050	06/15/2023	ND	2.38	119	2.00	3.09	QM-07
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.32	116	2.00	3.10	QM-07
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.03	117	6.00	2.57	QM-07
Total BTX	<0.300	0.300	06/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B			mg/kg		Analyzed By: AC				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/16/2023	ND	432	108	400	3.64	

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	06/16/2023	ND	175	87.6	200	4.46	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	162	81.0	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 34 (1.5') (H233097-34)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/15/2023	ND	2.41	120	2.00	1.96	
Toluene*	<0.050	0.050	06/15/2023	ND	2.38	119	2.00	3.09	
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.32	116	2.00	3.10	
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.03	117	6.00	2.57	
Total BTX	<0.300	0.300	06/15/2023	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	112	16.0	06/16/2023	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	06/16/2023	ND	175	87.6	200	4.46	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	162	81.0	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 35 (1.5') (H233097-35)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/15/2023	ND	2.41	120	2.00	1.96	
Toluene*	<0.050	0.050	06/15/2023	ND	2.38	119	2.00	3.09	
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.32	116	2.00	3.10	
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.03	117	6.00	2.57	
Total BTEx	<0.300	0.300	06/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/16/2023	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	06/16/2023	ND	175	87.6	200	4.46	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	162	81.0	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.6 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 36 (1.5') (H233097-36)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/15/2023	ND	2.41	120	2.00	1.96	
Toluene*	<0.050	0.050	06/15/2023	ND	2.38	119	2.00	3.09	
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.32	116	2.00	3.10	
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.03	117	6.00	2.57	
Total BTX	<0.300	0.300	06/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	112	16.0	06/16/2023	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	06/16/2023	ND	175	87.6	200	4.46	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	162	81.0	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 90.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 37 (1.5') (H233097-37)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/15/2023	ND	2.41	120	2.00	1.96	
Toluene*	<0.050	0.050	06/15/2023	ND	2.38	119	2.00	3.09	
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.32	116	2.00	3.10	
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.03	117	6.00	2.57	
Total BTEx	<0.300	0.300	06/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/16/2023	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	06/16/2023	ND	163	81.5	200	0.0313	
DRO >C10-C28*	17.2	10.0	06/16/2023	ND	170	85.1	200	0.163	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 38 (1.5') (H233097-38)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/15/2023	ND	2.41	120	2.00	1.96	
Toluene*	<0.050	0.050	06/15/2023	ND	2.38	119	2.00	3.09	
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.32	116	2.00	3.10	
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.03	117	6.00	2.57	
Total BTX	<0.300	0.300	06/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	128	16.0	06/16/2023	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	06/16/2023	ND	163	81.5	200	0.0313	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	170	85.1	200	0.163	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 98.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 39 (1.5') (H233097-39)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/15/2023	ND	2.41	120	2.00	1.96	
Toluene*	<0.050	0.050	06/15/2023	ND	2.38	119	2.00	3.09	
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.32	116	2.00	3.10	
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.03	117	6.00	2.57	
Total BTEx	<0.300	0.300	06/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	06/16/2023	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	06/16/2023	ND	163	81.5	200	0.0313	
DRO >C10-C28*	34.7	10.0	06/16/2023	ND	170	85.1	200	0.163	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 40 (1.5') (H233097-40)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/15/2023	ND	2.41	120	2.00	1.96	
Toluene*	<0.050	0.050	06/15/2023	ND	2.38	119	2.00	3.09	
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.32	116	2.00	3.10	
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.03	117	6.00	2.57	
Total BTX	<0.300	0.300	06/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	06/16/2023	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	06/16/2023	ND	163	81.5	200	0.0313	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	170	85.1	200	0.163	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 75.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.4 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 41 (3') (H233097-41)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/15/2023	ND	2.41	120	2.00	1.96	
Toluene*	<0.050	0.050	06/15/2023	ND	2.38	119	2.00	3.09	
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.32	116	2.00	3.10	
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.03	117	6.00	2.57	
Total BTEx	<0.300	0.300	06/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/16/2023	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	06/16/2023	ND	163	81.5	200	0.0313	
DRO >C10-C28*	35.0	10.0	06/16/2023	ND	170	85.1	200	0.163	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 92.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.9 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 42 (3') (H233097-42)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/15/2023	ND	2.41	120	2.00	1.96		
Toluene*	<0.050	0.050	06/15/2023	ND	2.38	119	2.00	3.09		
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.32	116	2.00	3.10		
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.03	117	6.00	2.57		
Total BTEx	<0.300	0.300	06/15/2023	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	112	16.0	06/16/2023	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	06/16/2023	ND	163	81.5	200	0.0313	
DRO >C10-C28*	37.0	10.0	06/16/2023	ND	170	85.1	200	0.163	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 81.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.7 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 43 (3') (H233097-43)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/15/2023	ND	2.41	120	2.00	1.96	
Toluene*	<0.050	0.050	06/15/2023	ND	2.38	119	2.00	3.09	
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.32	116	2.00	3.10	
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.03	117	6.00	2.57	
Total BTEx	<0.300	0.300	06/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	06/16/2023	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	06/16/2023	ND	163	81.5	200	0.0313	
DRO >C10-C28*	68.5	10.0	06/16/2023	ND	170	85.1	200	0.163	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 86.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.3 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 44 (3') (H233097-44)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/15/2023	ND	2.41	120	2.00	1.96	
Toluene*	<0.050	0.050	06/15/2023	ND	2.38	119	2.00	3.09	
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.32	116	2.00	3.10	
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.03	117	6.00	2.57	
Total BTEX	<0.300	0.300	06/15/2023	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	128	16.0	06/16/2023	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	06/16/2023	ND	163	81.5	200	0.0313	
DRO >C10-C28*	41.5	10.0	06/16/2023	ND	170	85.1	200	0.163	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 92.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.1 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 45 (3') (H233097-45)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/15/2023	ND	2.41	120	2.00	1.96		
Toluene*	<0.050	0.050	06/15/2023	ND	2.38	119	2.00	3.09		
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.32	116	2.00	3.10		
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.03	117	6.00	2.57		
Total BTEx	<0.300	0.300	06/15/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/16/2023	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	06/16/2023	ND	163	81.5	200	0.0313	
DRO >C10-C28*	55.8	10.0	06/16/2023	ND	170	85.1	200	0.163	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 85.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.5 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 46 (3') (H233097-46)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/15/2023	ND	2.41	120	2.00	1.96	
Toluene*	<0.050	0.050	06/15/2023	ND	2.38	119	2.00	3.09	
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.32	116	2.00	3.10	
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.03	117	6.00	2.57	
Total BTX	<0.300	0.300	06/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	06/16/2023	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	06/16/2023	ND	163	81.5	200	0.0313	
DRO >C10-C28*	31.8	10.0	06/16/2023	ND	170	85.1	200	0.163	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 89.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.6 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 47 (3') (H233097-47)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/15/2023	ND	2.41	120	2.00	1.96	
Toluene*	<0.050	0.050	06/15/2023	ND	2.38	119	2.00	3.09	
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.32	116	2.00	3.10	
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.03	117	6.00	2.57	
Total BTEx	<0.300	0.300	06/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	06/16/2023	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	06/16/2023	ND	163	81.5	200	0.0313	
DRO >C10-C28*	47.2	10.0	06/16/2023	ND	170	85.1	200	0.163	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 48 (3') (H233097-48)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/15/2023	ND	2.41	120	2.00	1.96	
Toluene*	<0.050	0.050	06/15/2023	ND	2.38	119	2.00	3.09	
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.32	116	2.00	3.10	
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.03	117	6.00	2.57	
Total BTEX	<0.300	0.300	06/15/2023	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	160	16.0	06/16/2023	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	06/16/2023	ND	163	81.5	200	0.0313	
DRO >C10-C28*	32.8	10.0	06/16/2023	ND	170	85.1	200	0.163	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
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 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 49 (3') (H233097-49)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/15/2023	ND	2.41	120	2.00	1.96	
Toluene*	<0.050	0.050	06/15/2023	ND	2.38	119	2.00	3.09	
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.32	116	2.00	3.10	
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.03	117	6.00	2.57	
Total BTEX	<0.300	0.300	06/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	06/16/2023	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	06/16/2023	ND	163	81.5	200	0.0313	
DRO >C10-C28*	39.0	10.0	06/16/2023	ND	170	85.1	200	0.163	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
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 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 50 (3') (H233097-50)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/15/2023	ND	2.41	120	2.00	1.96	
Toluene*	<0.050	0.050	06/15/2023	ND	2.38	119	2.00	3.09	
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.32	116	2.00	3.10	
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.03	117	6.00	2.57	
Total BTEx	<0.300	0.300	06/15/2023	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	192	16.0	06/16/2023	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	06/16/2023	ND	163	81.5	200	0.0313	
DRO >C10-C28*	30.5	10.0	06/16/2023	ND	170	85.1	200	0.163	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 81.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.1 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 51 (3') (H233097-51)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/15/2023	ND	2.41	120	2.00	1.96		
Toluene*	<0.050	0.050	06/15/2023	ND	2.38	119	2.00	3.09		
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.32	116	2.00	3.10		
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.03	117	6.00	2.57		
Total BTX	<0.300	0.300	06/15/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	06/16/2023	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	06/16/2023	ND	163	81.5	200	0.0313	
DRO >C10-C28*	37.1	10.0	06/16/2023	ND	170	85.1	200	0.163	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 91.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.0 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 52 (3') (H233097-52)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/15/2023	ND	2.41	120	2.00	1.96	
Toluene*	<0.050	0.050	06/15/2023	ND	2.38	119	2.00	3.09	
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.32	116	2.00	3.10	
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.03	117	6.00	2.57	
Total BTX	<0.300	0.300	06/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	06/16/2023	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	06/16/2023	ND	163	81.5	200	0.0313	
DRO >C10-C28*	36.2	10.0	06/16/2023	ND	170	85.1	200	0.163	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 81.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.4 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 53 (3') (H233097-53)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.15	108	2.00	0.127	
Toluene*	<0.050	0.050	06/16/2023	ND	2.40	120	2.00	0.0336	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.32	116	2.00	1.03	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.99	116	6.00	1.00	
Total BTEx	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	06/16/2023	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	06/16/2023	ND	163	81.5	200	0.0313	
DRO >C10-C28*	33.2	10.0	06/16/2023	ND	170	85.1	200	0.163	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 54 (3') (H233097-54)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	2.15	108	2.00	0.127		
Toluene*	<0.050	0.050	06/16/2023	ND	2.40	120	2.00	0.0336		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.32	116	2.00	1.03		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.99	116	6.00	1.00		
Total BTEx	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	06/16/2023	ND	448	112	400	3.64	

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	06/16/2023	ND	163	81.5	200	0.0313	
DRO >C10-C28*	26.1	10.0	06/16/2023	ND	170	85.1	200	0.163	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 84.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.4 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 55 (3') (H233097-55)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	2.15	108	2.00	0.127		
Toluene*	<0.050	0.050	06/16/2023	ND	2.40	120	2.00	0.0336		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.32	116	2.00	1.03		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.99	116	6.00	1.00		
Total BTX	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	06/16/2023	ND	448	112	400	3.64		

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	06/16/2023	ND	163	81.5	200	0.0313	
DRO >C10-C28*	29.9	10.0	06/16/2023	ND	170	85.1	200	0.163	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 87.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.8 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 56 (3') (H233097-56)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	2.15	108	2.00	0.127		
Toluene*	<0.050	0.050	06/16/2023	ND	2.40	120	2.00	0.0336		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.32	116	2.00	1.03		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.99	116	6.00	1.00		
Total BTEx	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	06/16/2023	ND	448	112	400	3.64	

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	06/16/2023	ND	163	81.5	200	0.0313	
DRO >C10-C28*	25.6	10.0	06/16/2023	ND	170	85.1	200	0.163	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 88.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.3 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 57 (3') (H233097-57)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	2.15	108	2.00	0.127		
Toluene*	<0.050	0.050	06/16/2023	ND	2.40	120	2.00	0.0336		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.32	116	2.00	1.03		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.99	116	6.00	1.00		
Total BTX	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	06/16/2023	ND	448	112	400	3.64		

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	06/16/2023	ND	172	86.1	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	159	79.6	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 99.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 58 (3') (H233097-58)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	2.15	108	2.00	0.127		
Toluene*	<0.050	0.050	06/16/2023	ND	2.40	120	2.00	0.0336		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.32	116	2.00	1.03		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.99	116	6.00	1.00		
Total BTEx	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-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	06/16/2023	ND	448	112	400	3.64		

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	06/16/2023	ND	172	86.1	200	3.29	
DRO >C10-C28*	11.9	10.0	06/16/2023	ND	159	79.6	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 123 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 59 (3') (H233097-59)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	2.15	108	2.00	0.127		
Toluene*	<0.050	0.050	06/16/2023	ND	2.40	120	2.00	0.0336		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.32	116	2.00	1.03		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.99	116	6.00	1.00		
Total BTX	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-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	06/16/2023	ND	448	112	400	3.64	

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	06/16/2023	ND	172	86.1	200	3.29	
DRO >C10-C28*	10.8	10.0	06/16/2023	ND	159	79.6	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 60 (3') (H233097-60)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	2.15	108	2.00	0.127		
Toluene*	<0.050	0.050	06/16/2023	ND	2.40	120	2.00	0.0336		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.32	116	2.00	1.03		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.99	116	6.00	1.00		
Total BTEx	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-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	06/16/2023	ND	448	112	400	3.64	

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	06/16/2023	ND	172	86.1	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	159	79.6	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 87.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.9 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 61 (3') (H233097-61)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	2.15	108	2.00	0.127		
Toluene*	<0.050	0.050	06/16/2023	ND	2.40	120	2.00	0.0336		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.32	116	2.00	1.03		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.99	116	6.00	1.00		
Total BTEX	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	06/16/2023	ND	448	112	400	3.64		

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	06/16/2023	ND	172	86.1	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	159	79.6	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 62 (3') (H233097-62)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	2.15	108	2.00	0.127		
Toluene*	<0.050	0.050	06/16/2023	ND	2.40	120	2.00	0.0336		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.32	116	2.00	1.03		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.99	116	6.00	1.00		
Total BTEx	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-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	06/16/2023	ND	448	112	400	3.64		

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	06/16/2023	ND	172	86.1	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	159	79.6	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 63 (3') (H233097-63)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	2.15	108	2.00	0.127		
Toluene*	<0.050	0.050	06/16/2023	ND	2.40	120	2.00	0.0336		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.32	116	2.00	1.03		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.99	116	6.00	1.00		
Total BTEx	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-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	06/16/2023	ND	448	112	400	3.64		

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	06/16/2023	ND	172	86.1	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	159	79.6	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 64 (3') (H233097-64)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.15	108	2.00	0.127	
Toluene*	<0.050	0.050	06/16/2023	ND	2.40	120	2.00	0.0336	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.32	116	2.00	1.03	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.99	116	6.00	1.00	
Total BTEX	<0.300	0.300	06/16/2023	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	06/16/2023	ND	448	112	400	3.64	

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	06/16/2023	ND	172	86.1	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	159	79.6	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 84.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.7 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 65 (3') (H233097-65)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.15	108	2.00	0.127	
Toluene*	<0.050	0.050	06/16/2023	ND	2.40	120	2.00	0.0336	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.32	116	2.00	1.03	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.99	116	6.00	1.00	
Total BTEx	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-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	06/16/2023	ND	448	112	400	3.64		

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	06/16/2023	ND	172	86.1	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	159	79.6	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 86.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.9 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 66 (3') (H233097-66)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	2.15	108	2.00	0.127		
Toluene*	<0.050	0.050	06/16/2023	ND	2.40	120	2.00	0.0336		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.32	116	2.00	1.03		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.99	116	6.00	1.00		
Total BTX	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-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	06/16/2023	ND	448	112	400	3.64	

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	06/16/2023	ND	172	86.1	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	159	79.6	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 94.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 67 (3') (H233097-67)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	2.15	108	2.00	0.127		
Toluene*	<0.050	0.050	06/16/2023	ND	2.40	120	2.00	0.0336		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.32	116	2.00	1.03		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.99	116	6.00	1.00		
Total BTX	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-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	06/16/2023	ND	448	112	400	3.64		

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	06/16/2023	ND	172	86.1	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	159	79.6	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.9 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 68 (3') (H233097-68)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	2.15	108	2.00	0.127		
Toluene*	<0.050	0.050	06/16/2023	ND	2.40	120	2.00	0.0336		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.32	116	2.00	1.03		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.99	116	6.00	1.00		
Total BTX	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-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	06/16/2023	ND	448	112	400	3.64	

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	06/16/2023	ND	172	86.1	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	159	79.6	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 97.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 69 (3') (H233097-69)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	2.15	108	2.00	0.127		
Toluene*	<0.050	0.050	06/16/2023	ND	2.40	120	2.00	0.0336		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.32	116	2.00	1.03		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.99	116	6.00	1.00		
Total BTX	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-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	06/16/2023	ND	448	112	400	3.64	

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	06/16/2023	ND	172	86.1	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	159	79.6	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 90.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.9 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 70 (3') (H233097-70)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.15	108	2.00	0.127	
Toluene*	<0.050	0.050	06/16/2023	ND	2.40	120	2.00	0.0336	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.32	116	2.00	1.03	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.99	116	6.00	1.00	
Total BTEx	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-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	06/16/2023	ND	448	112	400	3.64	

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	06/16/2023	ND	172	86.1	200	3.29	
DRO >C10-C28*	11.4	10.0	06/16/2023	ND	159	79.6	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 71 (3') (H233097-71)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	2.15	108	2.00	0.127		
Toluene*	<0.050	0.050	06/16/2023	ND	2.40	120	2.00	0.0336		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.32	116	2.00	1.03		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.99	116	6.00	1.00		
Total BTX	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-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	06/16/2023	ND	448	112	400	3.64		

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	06/16/2023	ND	172	86.1	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	159	79.6	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 87.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.8 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 72 (3') (H233097-72)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.15	108	2.00	0.127	
Toluene*	<0.050	0.050	06/16/2023	ND	2.40	120	2.00	0.0336	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.32	116	2.00	1.03	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.99	116	6.00	1.00	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/16/2023	ND	448	112	400	3.64	

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	06/16/2023	ND	172	86.1	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	159	79.6	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 88.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.1 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 73 (3') (H233097-73)

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	06/16/2023	ND	2.14	107	2.00	1.70		
Toluene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	5.58		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.28	114	2.00	4.25		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.69	112	6.00	3.69		
Total BTEX	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	80.0	16.0	06/16/2023	ND	448	112	400	3.64		

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	06/16/2023	ND	172	86.1	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	159	79.6	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 91.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.6 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 74 (3') (H233097-74)

BTX 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	06/16/2023	ND	2.14	107	2.00	1.70		
Toluene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	5.58		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.28	114	2.00	4.25		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.69	112	6.00	3.69		
Total BTX	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/16/2023	ND	416	104	400	3.77		

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	06/16/2023	ND	172	86.1	200	3.29	
DRO >C10-C28*	13.2	10.0	06/16/2023	ND	159	79.6	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 75 (3') (H233097-75)

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	06/16/2023	ND	2.14	107	2.00	1.70	
Toluene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	5.58	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.28	114	2.00	4.25	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.69	112	6.00	3.69	
Total BTEx	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-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	06/16/2023	ND	416	104	400	3.77	

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	06/16/2023	ND	172	86.1	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	159	79.6	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 76 (3') (H233097-76)

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	06/16/2023	ND	2.14	107	2.00	1.70	
Toluene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	5.58	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.28	114	2.00	4.25	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.69	112	6.00	3.69	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	06/16/2023	ND	416	104	400	3.77	

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	06/16/2023	ND	172	86.1	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	159	79.6	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 98.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 77 (3') (H233097-77)

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	06/16/2023	ND	2.14	107	2.00	1.70		
Toluene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	5.58		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.28	114	2.00	4.25		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.69	112	6.00	3.69		
Total BTEX	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	06/16/2023	ND	416	104	400	3.77	

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	06/16/2023	ND	184	92.2	200	0.684	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	172	85.8	200	0.547	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 78 (3') (H233097-78)

BTX 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	06/16/2023	ND	2.14	107	2.00	1.70		
Toluene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	5.58		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.28	114	2.00	4.25		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.69	112	6.00	3.69		
Total BTX	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-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	06/16/2023	ND	416	104	400	3.77		

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	06/16/2023	ND	184	92.2	200	0.684	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	172	85.8	200	0.547	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 96.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.1 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 79 (3') (H233097-79)

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	06/16/2023	ND	2.14	107	2.00	1.70	
Toluene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	5.58	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.28	114	2.00	4.25	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.69	112	6.00	3.69	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	1040	16.0	06/16/2023	ND	416	104	400	3.77		

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	06/16/2023	ND	184	92.2	200	0.684	
DRO >C10-C28*	31.9	10.0	06/16/2023	ND	172	85.8	200	0.547	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 80 (3') (H233097-80)

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	06/16/2023	ND	2.14	107	2.00	1.70	
Toluene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	5.58	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.28	114	2.00	4.25	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.69	112	6.00	3.69	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	1070	16.0	06/16/2023	ND	416	104	400	3.77	

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	06/16/2023	ND	184	92.2	200	0.684	
DRO >C10-C28*	69.6	10.0	06/16/2023	ND	172	85.8	200	0.547	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 81 (3') (H233097-81)

BTX 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	06/16/2023	ND	2.14	107	2.00	1.70		
Toluene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	5.58		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.28	114	2.00	4.25		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.69	112	6.00	3.69		
Total BTX	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1120	16.0	06/16/2023	ND	416	104	400	3.77		

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	06/16/2023	ND	184	92.2	200	0.684	
DRO >C10-C28*	70.8	10.0	06/16/2023	ND	172	85.8	200	0.547	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 82 (3') (H233097-82)

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	06/16/2023	ND	2.14	107	2.00	1.70		
Toluene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	5.58		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.28	114	2.00	4.25		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.69	112	6.00	3.69		
Total BTEX	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1280	16.0	06/16/2023	ND	416	104	400	3.77	

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	06/16/2023	ND	184	92.2	200	0.684	
DRO >C10-C28*	65.5	10.0	06/16/2023	ND	172	85.8	200	0.547	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
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 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 83 (3') (H233097-83)

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	06/16/2023	ND	2.14	107	2.00	1.70	
Toluene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	5.58	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.28	114	2.00	4.25	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.69	112	6.00	3.69	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	1330	16.0	06/16/2023	ND	416	104	400	3.77	

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	06/16/2023	ND	184	92.2	200	0.684	
DRO >C10-C28*	87.7	10.0	06/16/2023	ND	172	85.8	200	0.547	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 95.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.9 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 84 (3') (H233097-84)

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	06/16/2023	ND	2.14	107	2.00	1.70		
Toluene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	5.58		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.28	114	2.00	4.25		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.69	112	6.00	3.69		
Total BTEX	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	1120	16.0	06/16/2023	ND	416	104	400	3.77		

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	06/16/2023	ND	184	92.2	200	0.684	
DRO >C10-C28*	101	10.0	06/16/2023	ND	172	85.8	200	0.547	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 90.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.0 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 85 (3') (H233097-85)

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	06/16/2023	ND	2.14	107	2.00	1.70	
Toluene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	5.58	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.28	114	2.00	4.25	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.69	112	6.00	3.69	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	1260	16.0	06/16/2023	ND	416	104	400	3.77	

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	06/16/2023	ND	184	92.2	200	0.684	
DRO >C10-C28*	93.7	10.0	06/16/2023	ND	172	85.8	200	0.547	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 93.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.0 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 86 (3') (H233097-86)

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	06/16/2023	ND	2.14	107	2.00	1.70	
Toluene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	5.58	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.28	114	2.00	4.25	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.69	112	6.00	3.69	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	208	16.0	06/16/2023	ND	416	104	400	3.77	

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	06/16/2023	ND	184	92.2	200	0.684	
DRO >C10-C28*	88.7	10.0	06/16/2023	ND	172	85.8	200	0.547	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.6 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 87 (3') (H233097-87)

BTX 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	06/16/2023	ND	2.14	107	2.00	1.70		
Toluene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	5.58		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.28	114	2.00	4.25		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.69	112	6.00	3.69		
Total BTX	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	06/16/2023	ND	416	104	400	3.77		

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	06/16/2023	ND	184	92.2	200	0.684	
DRO >C10-C28*	295	10.0	06/16/2023	ND	172	85.8	200	0.547	
EXT DRO >C28-C36	48.7	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 88 (3') (H233097-88)

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	06/16/2023	ND	2.14	107	2.00	1.70	
Toluene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	5.58	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.28	114	2.00	4.25	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.69	112	6.00	3.69	
Total BTEx	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/16/2023	ND	416	104	400	3.77	

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	06/16/2023	ND	184	92.2	200	0.684	
DRO >C10-C28*	283	10.0	06/16/2023	ND	172	85.8	200	0.547	
EXT DRO >C28-C36	36.4	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 89 (3') (H233097-89)

BTX 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	06/16/2023	ND	2.14	107	2.00	1.70		
Toluene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	5.58		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.28	114	2.00	4.25		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.69	112	6.00	3.69		
Total BTX	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	06/16/2023	ND	416	104	400	3.77		

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	06/16/2023	ND	184	92.2	200	0.684	
DRO >C10-C28*	338	10.0	06/16/2023	ND	172	85.8	200	0.547	
EXT DRO >C28-C36	51.9	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 90 (3') (H233097-90)

BTX 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	06/16/2023	ND	2.14	107	2.00	1.70		
Toluene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	5.58		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.28	114	2.00	4.25		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.69	112	6.00	3.69		
Total BTX	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	06/16/2023	ND	416	104	400	3.77		

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	06/16/2023	ND	184	92.2	200	0.684	
DRO >C10-C28*	546	10.0	06/16/2023	ND	172	85.8	200	0.547	
EXT DRO >C28-C36	89.5	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: H233097

Project Manager:	Conner Moehring	Bill to: (if different)	James Kennedy
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:	James.Kennedy@eogresources.com

Work Order Comments	
Program:	UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> perfund <input type="checkbox"/>
State of Project:	
Reporting:	Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other:

Project Name:		Modelo 10 Fed Com 607 Spill		Turn Around		Pres. Code	ANALYSIS REQUEST																Preservative Codes				
Project Number:		2027		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush			Parameters																				
Project Location		Lea County, New Mexico		Due Date:				24 hours																			
Sampler's Name:		FV																									
PO #:																											
SAMPLE RECEIPT		Temp Blank:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Wet Ice:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																			
Received Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:		113																					
Cooler Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Correction Factor:		-0.6°C																					
Sample Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Temperature Reading:		4.7°C																					
Total Containers:				Corrected Temperature:		4.1°C																					
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500															Sample Comments		
CS-1 (3.5')		6/8/2023		X		C	1	X	X	X																	
CS-2 (3.5')		6/8/2023		X		C	1	X	X	X																	
CS-3 (3.5')		6/8/2023		X		C	1	X	X	X																	
CS-4 (3.5')		6/8/2023		X		C	1	X	X	X																	
CS-5 (4')		6/8/2023		X		C	1	X	X	X																	
CS-6 (4')		6/8/2023		X		C	1	X	X	X																	
CS-7 (4')		6/8/2023		X		C	1	X	X	X																	
CS-8 (1.5')		6/15/2023		X		C	1	X	X	X																	
CS-9 (1.5')		6/15/2023		X		C	1	X	X	X																	
CS-10 (1.5')		6/15/2023		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
Fabian Vargas		6-15-23 1500	[Signature]		

Chain of Custody

Work Order No: H233097

Page 2 of 16

Project Manager:	Conner Moehring	Bill to: (if different)	James Kennedy
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:	James.Kennedy@eogresources.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> perfund <input type="checkbox"/>
State of Project:	
Reporting: Level II	<input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables: EDD	<input type="checkbox"/> ADaPT <input type="checkbox"/> Other:

Project Name:		Modelo 10 Fed Com 607 Spill		Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:		2027		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location		Lea County, New Mexico		Due Date:		24 hours														Cool: Cool MeOH: Me							
Sampler's Name:		FV																		HCL: HC HNO ₃ : HN							
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Wet Ice:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>														H ₃ PO ₄ : HP					
Received Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:		113														NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Correction Factor:		-0.6°C														Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Temperature Reading:		4.7°C														Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:		4.1°C														NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
CS-11 (1.5')		6/15/2023				X				C		1		X X X													
CS-12 (1.5')		6/15/2023				X				C		1		X X X													
CS-13 (1.5')		6/15/2023				X				C		1		X X X													
CS-14 (1.5')		6/15/2023				X				C		1		X X X													
CS-15 (2.5')		6/15/2023				X				C		1		X X X													
CS-16 (1.5')		6/15/2023				X				C		1		X X X													
CS-17 (1.5')		6/15/2023				X				C		1		X X X													
CS-18 (1.5')		6/15/2023				X				C		1		X X X													
CS-19 (1.5')		6/15/2023				X				C		1		X X X													
CS-20 (1.5')		6/15/2023				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	
Fabian Vargas		6-15-23 1500		James Kennedy			

Chain of Custody

Work Order No: H233097

Page 3 of 16

Project Manager:	Conner Moehring	Bill to: (if different)	James Kennedy
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:	James.Kennedy@eogresources.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> perfund <input type="checkbox"/>
State of Project:	
Reporting: Level II	<input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables: EDD	<input type="checkbox"/> ADaPT <input type="checkbox"/> Other:

Project Name:		Modelo 10 Fed Com 607 Spill		Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:		2027		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location		Lea County, New Mexico		Due Date:		24 hours														Cool: Cool MeOH: Me							
Sampler's Name:		FV																		HCL: HC HNO ₃ : HN							
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Wet Ice:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>														H ₃ PO ₄ : HP					
Received Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:		113														NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Correction Factor:		-0.6°C														Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Temperature Reading:		4.78														Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:		4.12														NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
CS-21 (1.5')		6/15/2023				X				C		1		X X X													
CS-22 (1.5')		6/15/2023				X				C		1		X X X													
CS-23 (1.5')		6/15/2023				X				C		1		X X X													
CS-24 (1.5')		6/15/2023				X				C		1		X X X													
CS-25 (1.5')		6/15/2023				X				C		1		X X X													
CS-26 (1.5')		6/15/2023				X				C		1		X X X													
CS-27 (1.5')		6/15/2023				X				C		1		X X X													
CS-28 (1.5')		6/15/2023				X				C		1		X X X													
CS-29 (1.5')		6/15/2023				X				C		1		X X X													
CS-30 (1.5')		6/15/2023				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	
Fabian Vargas		6-15-23 1500		[Signature]			

Chain of Custody

Work Order No: H233097

Page 4 of 16

Project Manager:	Conner Moehring	Bill to: (if different)	James Kennedy
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:	James.Kennedy@eogresources.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> perfund <input type="checkbox"/>
State of Project:	
Reporting: Level II	<input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables: EDD	<input type="checkbox"/> ADaPT <input type="checkbox"/> Other:

Project Name:		Modelo 10 Fed Com 607 Spill		Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:		2027		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location		Lea County, New Mexico		Due Date:		24 hours														Cool: Cool MeOH: Me							
Sampler's Name:		FV																		HCL: HC HNO ₃ : HN							
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Wet Ice:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>														H ₃ PO ₄ : HP					
Received Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:		113														NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Correction Factor:		-0.6°C														Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Temperature Reading:		4.7°C														Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:		4.1°C														NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
CS-31 (1.5')		6/15/2023				X				C		1		X X X													
CS-32 (1.5')		6/15/2023				X				C		1		X X X													
CS-33 (1.5')		6/15/2023				X				C		1		X X X													
CS-34 (1.5')		6/15/2023				X				C		1		X X X													
CS-35 (1.5')		6/15/2023				X				C		1		X X X													
CS-36 (1.5')		6/15/2023				X				C		1		X X X													
CS-37 (1.5')		6/15/2023				X				C		1		X X X													
CS-38 (1.5')		6/15/2023				X				C		1		X X X													
CS-39 (1.5')		6/15/2023				X				C		1		X X X													
CS-40 (1.5')		6/15/2023				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	
Fabian Vargas		6/15/23 1800		[Signature]			

Chain of Custody

Work Order No: H233097

Page 5 of 16

Page 97 of 101

Project Manager:	Conner Moehring	Bill to: (if different)	James Kennedy
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:	James.Kennedy@eogresources.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> IRC <input type="checkbox"/> perfund <input type="checkbox"/>
State of Project:	
Reporting: Level II	<input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables: EDD	<input type="checkbox"/> ADaPT <input type="checkbox"/> Other:

Project Name:		Modelo 10 Fed Com 607 Spill		Turn Around				ANALYSIS REQUEST										Preservative Codes							
Project Number:		2027		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush		Pres. Code												None: NO DI Water: H ₂ O							
Project Location		Lea County, New Mexico		Due Date:		24 hours												Cool: Cool MeOH: Me							
Sampler's Name:		FV																HCL: HC HNO ₃ : HN							
PO #:																		H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Wet Ice:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>												H ₃ PO ₄ : HP					
Received Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:		113												NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Correction Factor:		-0.6												Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Temperature Reading:		4.76												Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:		4.16												NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont												Sample Comments	
CS-41 (3')		6/15/2023				X				C		1		X X X											
CS-42 (3')		6/15/2023				X				C		1		X X X											
CS-43 (3')		6/15/2023				X				C		1		X X X											
CS-44 (3')		6/15/2023				X				C		1		X X X											
CS-45 (3')		6/15/2023				X				C		1		X X X											
CS-46 (3')		6/15/2023				X				C		1		X X X											
CS-47 (3')		6/15/2023				X				C		1		X X X											
CS-48 (3')		6/15/2023				X				C		1		X X X											
CS-49 (3')		6/15/2023				X				C		1		X X X											
CS-50 (3')		6/15/2023				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	
Fabian Vargas		6-15-23 1:50		[Signature]			

Received by OCD: 6/26/2023 1:22:57 PM

Released to Imaging: 9/20/2023 12:41:02 PM

Chain of Custody

Work Order No: H233097

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Project Manager:	Conner Moehring	Bill to: (if different)	James Kennedy
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:	James.Kennedy@eogresources.com

Work Order Comments	
Program:	UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> IRC <input type="checkbox"/> perfund <input type="checkbox"/>
State of Project:	
Reporting:	Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other: <input type="checkbox"/>

Project Name:		Modelo 10 Fed Com 607 Spill		Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:		2027		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location		Lea County, New Mexico		Due Date:		24 hours														Cool: Cool MeOH: Me							
Sampler's Name:		FV																		HCL: HC HNO ₃ : HN							
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No														H ₃ PO ₄ : HP					
Received Intact:		Yes No		Thermometer ID:		713														NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes No N/A		Correction Factor:		-0.60														Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes No N/A		Temperature Reading:		4.75														Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:		4.12														NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
CS-51 (3')		6/15/2023				X				C		1		X X X													
CS-52 (3')		6/15/2023				X				C		1		X X X													
CS-53 (3')		6/15/2023				X				C		1		X X X													
CS-54 (3')		6/15/2023				X				C		1		X X X													
CS-55 (3')		6/15/2023				X				C		1		X X X													
CS-56 (3')		6/15/2023				X				C		1		X X X													
CS-57 (3')		6/15/2023				X				C		1		X X X													
CS-58 (3')		6/15/2023				X				C		1		X X X													
CS-59 (3')		6/15/2023				X				C		1		X X X													
CS-60 (3')		6/15/2023				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	
Fabian Vargas		6-15-23 1500		[Signature]			

Chain of Custody

Work Order No: H233097

Page 7 of 16

Project Manager:	Conner Moehring	Bill to: (if different)	James Kennedy
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:	James.Kennedy@eogresources.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other:	

Project Name:		Modelo 10 Fed Com 607 Spill		Turn Around		Pres. Code		ANALYSIS REQUEST										Preservative Codes							
Project Number:		2027		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush														None: NO DI Water: H ₂ O							
Project Location		Lea County, New Mexico		Due Date:		24 hours												Cool: Cool MeOH: Me							
Sampler's Name:		FV																HCL: HC HNO ₃ : HN							
PO #:																		H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Wet Ice:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>												H ₃ PO ₄ : HP					
Received Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:		113												NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Correction Factor:		-0.6C												Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Temperature Reading:		4.7C												Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:		4.1C												NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont												Sample Comments	
CS-61 (3')		6/15/2023				X				C		1		X X X											
CS-62 (3')		6/15/2023				X				C		1		X X X											
CS-63 (3')		6/15/2023				X				C		1		X X X											
CS-64 (3')		6/15/2023				X				C		1		X X X											
CS-65 (3')		6/15/2023				X				C		1		X X X											
CS-66 (3')		6/15/2023				X				C		1		X X X											
CS-67 (3')		6/15/2023				X				C		1		X X X											
CS-68 (3')		6/15/2023				X				C		1		X X X											
CS-69 (3')		6/15/2023				X				C		1		X X X											
CS-70 (3')		6/15/2023				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	
Fabian Vargas		6-15-23 1500		[Signature]			

Chain of Custody

Work Order No: H233097

Page 8 of 16

Project Manager:	Conner Moehring	Bill to: (if different)	James Kennedy
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:	James.Kennedy@eogresources.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> perfund <input type="checkbox"/>
State of Project:	
Reporting: Level II	<input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables: EDD	<input type="checkbox"/> ADaPT <input type="checkbox"/> Other:

Project Name:		Modelo 10 Fed Com 607 Spill		Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:		2027		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush		Pres. Code														None: NO DI Water: H ₂ O							
Project Location		Lea County, New Mexico		Due Date:		24 hours														Cool: Cool MeOH: Me							
Sampler's Name:		FV																		HCL: HC HNO ₃ : HN							
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Wet Ice:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>														H ₃ PO ₄ : HP					
Received Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:		113														NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Correction Factor:		-0.6°C														Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Temperature Reading:		21.7°C														Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:		4.1°C														NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
CS-71 (3')		6/15/2023				X				C		1		X X X													
CS-72 (3')		6/15/2023				X				C		1		X X X													
CS-73 (3')		6/15/2023				X				C		1		X X X													
CS-74 (3')		6/15/2023				X				C		1		X X X													
CS-75 (3')		6/15/2023				X				C		1		X X X													
CS-76 (3')		6/15/2023				X				C		1		X X X													
CS-77 (3')		6/15/2023				X				C		1		X X X													
CS-78 (3')		6/15/2023				X				C		1		X X X													
CS-79 (3')		6/15/2023				X				C		1		X X X													
CS-80 (3')		6/15/2023				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	
Fabián Vargas		6-15-23 1500		[Signature]			

Chain of Custody

Work Order No: H233097

Page 9 of 16

Page 101 of 101

Project Manager:	Conner Moehring	Bill to: (if different)	James Kennedy
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:	James.Kennedy@eogresources.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Perfund <input type="checkbox"/>
State of Project:	
Reporting: Level II	<input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables: EDD	<input type="checkbox"/> ADaPT <input type="checkbox"/> Other:

Project Name:		Modelo 10 Fed Com 607 Spill		Turn Around				ANALYSIS REQUEST										Preservative Codes							
Project Number:		2027		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush		Pres. Code												None: NO DI Water: H ₂ O							
Project Location:		Lea County, New Mexico		Due Date:		24 hours												Cool: Cool MeOH: Me							
Sampler's Name:		FV																HCL: HC HNO ₃ : HN							
PO #:																		H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Wet Ice:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>												H ₃ PO ₄ : HP					
Received Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:		73												NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Correction Factor:		-0.6°C												Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Temperature Reading:		4.7°C												Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:		4.1°C												NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont												Sample Comments	
CS-81 (3')		6/15/2023				X				C		1		X X X											
CS-82 (3')		6/15/2023				X				C		1		X X X											
CS-83 (3')		6/15/2023				X				C		1		X X X											
CS-84 (3')		6/15/2023				X				C		1		X X X											
CS-85 (3')		6/15/2023				X				C		1		X X X											
CS-86 (3')		6/15/2023				X				C		1		X X X											
CS-87 (3')		6/15/2023				X				C		1		X X X											
CS-88 (3')		6/15/2023				X				C		1		X X X											
CS-89 (3')		6/15/2023				X				C		1		X X X											
CS-90 (3')		6/15/2023				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	
Fabian Vargas		6-15-23 1500		James Kennedy			



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

June 16, 2023

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: MODELO 10 FED COM 607 SPILL

Enclosed are the results of analyses for samples received by the laboratory on 06/15/23 15:00.

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 accredited 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,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 91 (3') (H233098-01)

BTX 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	06/16/2023	ND	2.14	107	2.00	1.70	
Toluene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	5.58	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.28	114	2.00	4.25	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.69	112	6.00	3.69	
Total BTX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	128	16.0	06/16/2023	ND	416	104	400	3.77		

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	06/16/2023	ND	184	92.2	200	0.684	
DRO >C10-C28*	470	10.0	06/16/2023	ND	172	85.8	200	0.547	
EXT DRO >C28-C36	77.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.0 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 92 (3') (H233098-02)

BTX 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	06/16/2023	ND	2.14	107	2.00	1.70	
Toluene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	5.58	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.28	114	2.00	4.25	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.69	112	6.00	3.69	
Total BTX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	06/16/2023	ND	416	104	400	3.77		

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	06/16/2023	ND	184	92.2	200	0.684	
DRO >C10-C28*	327	10.0	06/16/2023	ND	172	85.8	200	0.547	
EXT DRO >C28-C36	48.5	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 93 (3') (H233098-03)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	1.63	81.5	2.00	24.3		
Toluene*	<0.050	0.050	06/16/2023	ND	1.78	88.8	2.00	9.80		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.88	94.0	2.00	3.35		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.75	95.8	6.00	3.30		
Total BTEx	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	06/16/2023	ND	416	104	400	3.77		

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	06/16/2023	ND	184	92.2	200	0.684	
DRO >C10-C28*	475	10.0	06/16/2023	ND	172	85.8	200	0.547	
EXT DRO >C28-C36	72.4	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 94 (3') (H233098-04)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	1.63	81.5	2.00	24.3		
Toluene*	<0.050	0.050	06/16/2023	ND	1.78	88.8	2.00	9.80		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.88	94.0	2.00	3.35		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.75	95.8	6.00	3.30		
Total BTEx	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	96.0	16.0	06/16/2023	ND	432	108	400	3.64		

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	06/16/2023	ND	184	92.2	200	0.684	
DRO >C10-C28*	290	10.0	06/16/2023	ND	172	85.8	200	0.547	
EXT DRO >C28-C36	43.1	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 95 (3') (H233098-05)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	1.63	81.5	2.00	24.3		
Toluene*	<0.050	0.050	06/16/2023	ND	1.78	88.8	2.00	9.80		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.88	94.0	2.00	3.35		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.75	95.8	6.00	3.30		
Total BTEx	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	06/16/2023	ND	432	108	400	3.64		

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	06/16/2023	ND	184	92.2	200	0.684	
DRO >C10-C28*	356	10.0	06/16/2023	ND	172	85.8	200	0.547	
EXT DRO >C28-C36	56.8	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 96 (3') (H233098-06)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	1.63	81.5	2.00	24.3	
Toluene*	<0.050	0.050	06/16/2023	ND	1.78	88.8	2.00	9.80	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.88	94.0	2.00	3.35	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.75	95.8	6.00	3.30	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	112	16.0	06/16/2023	ND	432	108	400	3.64	

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	06/16/2023	ND	184	92.2	200	0.684	
DRO >C10-C28*	538	10.0	06/16/2023	ND	172	85.8	200	0.547	
EXT DRO >C28-C36	87.6	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 96.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.4 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 97 (3') (H233098-07)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	1.63	81.5	2.00	24.3	
Toluene*	<0.050	0.050	06/16/2023	ND	1.78	88.8	2.00	9.80	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.88	94.0	2.00	3.35	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.75	95.8	6.00	3.30	
Total BTX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/16/2023	ND	432	108	400	3.64	

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	06/16/2023	ND	181	90.7	200	8.77	
DRO >C10-C28*	441	10.0	06/16/2023	ND	165	82.3	200	2.60	
EXT DRO >C28-C36	94.6	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 98 (3') (H233098-08)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	1.63	81.5	2.00	24.3		
Toluene*	<0.050	0.050	06/16/2023	ND	1.78	88.8	2.00	9.80		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.88	94.0	2.00	3.35		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.75	95.8	6.00	3.30		
Total BTEx	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/16/2023	ND	432	108	400	3.64	

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	06/16/2023	ND	181	90.7	200	8.77	
DRO >C10-C28*	437	10.0	06/16/2023	ND	165	82.3	200	2.60	
EXT DRO >C28-C36	93.2	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 96.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 99 (3') (H233098-09)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	1.63	81.5	2.00	24.3	
Toluene*	<0.050	0.050	06/16/2023	ND	1.78	88.8	2.00	9.80	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.88	94.0	2.00	3.35	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.75	95.8	6.00	3.30	
Total BTEx	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/16/2023	ND	432	108	400	3.64	

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	06/16/2023	ND	181	90.7	200	8.77	
DRO >C10-C28*	508	10.0	06/16/2023	ND	165	82.3	200	2.60	
EXT DRO >C28-C36	110	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 100 (3') (H233098-10)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	1.63	81.5	2.00	24.3	
Toluene*	<0.050	0.050	06/16/2023	ND	1.78	88.8	2.00	9.80	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.88	94.0	2.00	3.35	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.75	95.8	6.00	3.30	
Total BTEx	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	06/16/2023	ND	432	108	400	3.64		

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	06/16/2023	ND	181	90.7	200	8.77	
DRO >C10-C28*	538	10.0	06/16/2023	ND	165	82.3	200	2.60	
EXT DRO >C28-C36	111	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 96.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 101 (3') (H233098-11)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	1.63	81.5	2.00	24.3	
Toluene*	<0.050	0.050	06/16/2023	ND	1.78	88.8	2.00	9.80	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.88	94.0	2.00	3.35	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.75	95.8	6.00	3.30	
Total BTX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	06/16/2023	ND	432	108	400	3.64		

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	06/16/2023	ND	181	90.7	200	8.77	
DRO >C10-C28*	442	10.0	06/16/2023	ND	165	82.3	200	2.60	
EXT DRO >C28-C36	95.2	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 78.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.5 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 102 (3') (H233098-12)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	1.63	81.5	2.00	24.3		
Toluene*	<0.050	0.050	06/16/2023	ND	1.78	88.8	2.00	9.80		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.88	94.0	2.00	3.35		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.75	95.8	6.00	3.30		
Total BTX	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	06/16/2023	ND	432	108	400	3.64		

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	06/16/2023	ND	181	90.7	200	8.77	
DRO >C10-C28*	92.0	10.0	06/16/2023	ND	165	82.3	200	2.60	
EXT DRO >C28-C36	20.3	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 95.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.4 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 103 (3') (H233098-13)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	1.63	81.5	2.00	24.3		
Toluene*	<0.050	0.050	06/16/2023	ND	1.78	88.8	2.00	9.80		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.88	94.0	2.00	3.35		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.75	95.8	6.00	3.30		
Total BTEx	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/16/2023	ND	432	108	400	3.64	

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	06/16/2023	ND	181	90.7	200	8.77	
DRO >C10-C28*	103	10.0	06/16/2023	ND	165	82.3	200	2.60	
EXT DRO >C28-C36	25.5	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 87.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.3 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 104 (3') (H233098-14)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	1.63	81.5	2.00	24.3	
Toluene*	<0.050	0.050	06/16/2023	ND	1.78	88.8	2.00	9.80	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.88	94.0	2.00	3.35	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.75	95.8	6.00	3.30	
Total BTEx	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	06/16/2023	ND	432	108	400	3.64		

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	06/16/2023	ND	181	90.7	200	8.77	
DRO >C10-C28*	95.6	10.0	06/16/2023	ND	165	82.3	200	2.60	
EXT DRO >C28-C36	22.6	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 99.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 105 (3') (H233098-15)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	1.63	81.5	2.00	24.3		
Toluene*	<0.050	0.050	06/16/2023	ND	1.78	88.8	2.00	9.80		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.88	94.0	2.00	3.35		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.75	95.8	6.00	3.30		
Total BTEx	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	06/16/2023	ND	432	108	400	3.64		

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	06/16/2023	ND	181	90.7	200	8.77	
DRO >C10-C28*	84.0	10.0	06/16/2023	ND	165	82.3	200	2.60	
EXT DRO >C28-C36	18.1	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.5 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 106 (3') (H233098-16)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	1.63	81.5	2.00	24.3	
Toluene*	<0.050	0.050	06/16/2023	ND	1.78	88.8	2.00	9.80	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.88	94.0	2.00	3.35	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.75	95.8	6.00	3.30	
Total BTEx	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	06/16/2023	ND	432	108	400	3.64		

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	06/16/2023	ND	181	90.7	200	8.77	
DRO >C10-C28*	126	10.0	06/16/2023	ND	165	82.3	200	2.60	
EXT DRO >C28-C36	30.8	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 1 (3.5') (H233098-17)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	1.63	81.5	2.00	24.3	
Toluene*	<0.050	0.050	06/16/2023	ND	1.78	88.8	2.00	9.80	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.88	94.0	2.00	3.35	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.75	95.8	6.00	3.30	
Total BTX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-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	06/16/2023	ND	432	108	400	3.64	

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	06/16/2023	ND	181	90.7	200	8.77	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	165	82.3	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 2 (3.5') (H233098-18)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	1.63	81.5	2.00	24.3		
Toluene*	<0.050	0.050	06/16/2023	ND	1.78	88.8	2.00	9.80		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.88	94.0	2.00	3.35		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.75	95.8	6.00	3.30		
Total BTEx	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-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	06/16/2023	ND	432	108	400	3.64	

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	06/16/2023	ND	181	90.7	200	8.77	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	165	82.3	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 3 (3.5') (H233098-19)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	1.63	81.5	2.00	24.3		
Toluene*	<0.050	0.050	06/16/2023	ND	1.78	88.8	2.00	9.80		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.88	94.0	2.00	3.35		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.75	95.8	6.00	3.30		
Total BTX	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-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	06/16/2023	ND	432	108	400	3.64		

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	06/16/2023	ND	181	90.7	200	8.77	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	165	82.3	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 124 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 4 (3.5') (H233098-20)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	1.63	81.5	2.00	24.3		
Toluene*	<0.050	0.050	06/16/2023	ND	1.78	88.8	2.00	9.80		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.88	94.0	2.00	3.35		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.75	95.8	6.00	3.30		
Total BTEx	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 71.5-134

Chloride, SM4500CI-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	06/16/2023	ND	432	108	400	3.64	

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	06/16/2023	ND	181	90.7	200	8.77	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	165	82.3	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 5 (3.5') (H233098-21)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	1.63	81.5	2.00	24.3		
Toluene*	<0.050	0.050	06/16/2023	ND	1.78	88.8	2.00	9.80		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.88	94.0	2.00	3.35		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.75	95.8	6.00	3.30		
Total BTEx	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-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	06/16/2023	ND	432	108	400	3.64		

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	06/16/2023	ND	181	90.7	200	8.77	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	165	82.3	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 6 (0.5') (H233098-22)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	1.63	81.5	2.00	24.3		
Toluene*	<0.050	0.050	06/16/2023	ND	1.78	88.8	2.00	9.80		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.88	94.0	2.00	3.35		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.75	95.8	6.00	3.30		
Total BTEx	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-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	06/16/2023	ND	432	108	400	3.64		

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	06/16/2023	ND	181	90.7	200	8.77	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	165	82.3	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 7 (4') (H233098-23)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.30	115	2.00	0.478	
Toluene*	<0.050	0.050	06/16/2023	ND	2.16	108	2.00	0.275	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	1.26	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.62	110	6.00	1.21	
Total BTEX	<0.300	0.300	06/16/2023	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	48.0	16.0	06/16/2023	ND	432	108	400	3.64	

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	06/16/2023	ND	181	90.7	200	8.77	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	165	82.3	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 8 (4') (H233098-24)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.30	115	2.00	0.478	
Toluene*	<0.050	0.050	06/16/2023	ND	2.16	108	2.00	0.275	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	1.26	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.62	110	6.00	1.21	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	06/16/2023	ND	400	100	400	3.92	

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	06/16/2023	ND	181	90.7	200	8.77	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	165	82.3	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 9 (4') (H233098-25)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.30	115	2.00	0.478	
Toluene*	<0.050	0.050	06/16/2023	ND	2.16	108	2.00	0.275	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	1.26	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.62	110	6.00	1.21	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 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	06/16/2023	ND	400	100	400	3.92	

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	06/16/2023	ND	181	90.7	200	8.77	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	165	82.3	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 10 (4') (H233098-26)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	2.30	115	2.00	0.478		
Toluene*	<0.050	0.050	06/16/2023	ND	2.16	108	2.00	0.275		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	1.26		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.62	110	6.00	1.21		
Total BTEx	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-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	06/16/2023	ND	400	100	400	3.92		

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	06/16/2023	ND	181	90.7	200	8.77	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	165	82.3	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 11 (2.5') (H233098-27)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.30	115	2.00	0.478	
Toluene*	<0.050	0.050	06/16/2023	ND	2.16	108	2.00	0.275	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	1.26	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.62	110	6.00	1.21	
Total BTX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-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	06/16/2023	ND	400	100	400	3.92		

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	06/16/2023	ND	161	80.3	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	175	87.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 12 (1.5') (H233098-28)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.30	115	2.00	0.478	
Toluene*	<0.050	0.050	06/16/2023	ND	2.16	108	2.00	0.275	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	1.26	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.62	110	6.00	1.21	
Total BTX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/16/2023	ND	400	100	400	3.92	

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	06/16/2023	ND	161	80.3	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	175	87.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 135 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 13 (1.5') (H233098-29)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.30	115	2.00	0.478	
Toluene*	<0.050	0.050	06/16/2023	ND	2.16	108	2.00	0.275	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	1.26	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.62	110	6.00	1.21	
Total BTX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/16/2023	ND	400	100	400	3.92	

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	06/16/2023	ND	161	80.3	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	175	87.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 14 (1.5') (H233098-30)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	2.30	115	2.00	0.478		
Toluene*	<0.050	0.050	06/16/2023	ND	2.16	108	2.00	0.275		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	1.26		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.62	110	6.00	1.21		
Total BTEX	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	06/16/2023	ND	400	100	400	3.92	

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	06/16/2023	ND	161	80.3	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	175	87.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 135 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 15 (1.5') (H233098-31)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.30	115	2.00	0.478	
Toluene*	<0.050	0.050	06/16/2023	ND	2.16	108	2.00	0.275	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	1.26	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.62	110	6.00	1.21	
Total BTX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-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	06/16/2023	ND	400	100	400	3.92		

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	06/16/2023	ND	161	80.3	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	175	87.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 138 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 16 (1.5') (H233098-32)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	2.30	115	2.00	0.478		
Toluene*	<0.050	0.050	06/16/2023	ND	2.16	108	2.00	0.275		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	1.26		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.62	110	6.00	1.21		
Total BTX	<0.300	0.300	06/16/2023	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	64.0	16.0	06/16/2023	ND	400	100	400	3.92		

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	06/16/2023	ND	161	80.3	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	175	87.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 136 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 17 (1.5') (H233098-33)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	2.30	115	2.00	0.478		
Toluene*	<0.050	0.050	06/16/2023	ND	2.16	108	2.00	0.275		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	1.26		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.62	110	6.00	1.21		
Total BTEx	<0.300	0.300	06/16/2023	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	80.0	16.0	06/16/2023	ND	400	100	400	3.92		

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	06/16/2023	ND	161	80.3	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	175	87.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 18 (2.5') (H233098-34)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	2.30	115	2.00	0.478		
Toluene*	<0.050	0.050	06/16/2023	ND	2.16	108	2.00	0.275		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	1.26		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.62	110	6.00	1.21		
Total BTEx	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-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	06/16/2023	ND	400	100	400	3.92		

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	06/16/2023	ND	161	80.3	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	175	87.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 19 (2.5') (H233098-35)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	2.30	115	2.00	0.478		
Toluene*	<0.050	0.050	06/16/2023	ND	2.16	108	2.00	0.275		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	1.26		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.62	110	6.00	1.21		
Total BTEx	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/16/2023	ND	400	100	400	3.92		

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	06/16/2023	ND	161	80.3	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	175	87.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 20 (1') (H233098-36)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	2.30	115	2.00	0.478		
Toluene*	<0.050	0.050	06/16/2023	ND	2.16	108	2.00	0.275		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	1.26		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.62	110	6.00	1.21		
Total BTEX	<0.300	0.300	06/16/2023	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	64.0	16.0	06/16/2023	ND	400	100	400	3.92	

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	06/16/2023	ND	161	80.3	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	175	87.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 21 (1.5') (H233098-37)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.30	115	2.00	0.478	
Toluene*	<0.050	0.050	06/16/2023	ND	2.16	108	2.00	0.275	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	1.26	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.62	110	6.00	1.21	
Total BTEx	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-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	06/16/2023	ND	400	100	400	3.92	

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	06/16/2023	ND	161	80.3	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	175	87.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 22 (1.5') (H233098-38)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	2.30	115	2.00	0.478		
Toluene*	<0.050	0.050	06/16/2023	ND	2.16	108	2.00	0.275		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	1.26		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.62	110	6.00	1.21		
Total BTEX	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	64.0	16.0	06/16/2023	ND	400	100	400	3.92		

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	06/16/2023	ND	161	80.3	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	175	87.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 23 (1.5') (H233098-39)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.30	115	2.00	0.478	
Toluene*	<0.050	0.050	06/16/2023	ND	2.16	108	2.00	0.275	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	1.26	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.62	110	6.00	1.21	
Total BTX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	06/16/2023	ND	400	100	400	3.92	

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	06/16/2023	ND	161	80.3	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	175	87.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 24 (1.5') (H233098-40)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	2.30	115	2.00	0.478		
Toluene*	<0.050	0.050	06/16/2023	ND	2.16	108	2.00	0.275		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	1.26		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.62	110	6.00	1.21		
Total BTEx	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	06/16/2023	ND	400	100	400	3.92		

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	06/16/2023	ND	161	80.3	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	175	87.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 25 (1.5') (H233098-41)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.30	115	2.00	0.478	
Toluene*	<0.050	0.050	06/16/2023	ND	2.16	108	2.00	0.275	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	1.26	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.62	110	6.00	1.21	
Total BTX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	06/16/2023	ND	400	100	400	3.92	

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	06/16/2023	ND	161	80.3	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	175	87.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 143 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 26 (1.5') (H233098-42)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.30	115	2.00	0.478	
Toluene*	<0.050	0.050	06/16/2023	ND	2.16	108	2.00	0.275	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	1.26	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.62	110	6.00	1.21	
Total BTX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-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	06/16/2023	ND	400	100	400	3.92	

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	06/16/2023	ND	161	80.3	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	175	87.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 27 (1.5') (H233098-43)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.29	114	2.00	2.34	QR-03
Toluene*	<0.050	0.050	06/16/2023	ND	2.43	122	2.00	0.0000883	QR-03
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.33	117	2.00	3.62	QR-03
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.04	117	6.00	3.48	
Total BTEx	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-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	06/16/2023	ND	400	100	400	3.92	

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	06/16/2023	ND	161	80.3	200	1.90	
DRO >C10-C28*	10.4	10.0	06/16/2023	ND	175	87.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 95.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 28 (1.5') (H233098-44)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.29	114	2.00	2.34	
Toluene*	<0.050	0.050	06/16/2023	ND	2.43	122	2.00	0.0000883	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.33	117	2.00	3.62	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.04	117	6.00	3.48	
Total BTEx	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-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	06/16/2023	ND	400	100	400	3.92	

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	06/16/2023	ND	161	80.3	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	175	87.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 29 (1.5') (H233098-45)

BTX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.29	114	2.00	2.34	GC-NC
Toluene*	<0.050	0.050	06/16/2023	ND	2.43	122	2.00	0.0000883	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.33	117	2.00	3.62	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.04	117	6.00	3.48	
Total BTX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-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	06/16/2023	ND	400	100	400	3.92	

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	06/16/2023	ND	161	80.3	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	175	87.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 143 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 30 (1.5') (H233098-46)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.29	114	2.00	2.34	
Toluene*	<0.050	0.050	06/16/2023	ND	2.43	122	2.00	0.0000883	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.33	117	2.00	3.62	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.04	117	6.00	3.48	
Total BTEx	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-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	06/16/2023	ND	400	100	400	3.92		

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	06/16/2023	ND	161	80.3	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	175	87.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 31 (2') (H233098-47)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.29	114	2.00	2.34	
Toluene*	<0.050	0.050	06/16/2023	ND	2.43	122	2.00	0.0000883	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.33	117	2.00	3.62	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.04	117	6.00	3.48	
Total BTX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	06/16/2023	ND	400	100	400	3.92	

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	06/15/2023	ND	172	86.1	200	1.69	
DRO >C10-C28*	59.9	10.0	06/15/2023	ND	176	87.8	200	0.269	
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 32 (1.5') (H233098-48)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.29	114	2.00	2.34	
Toluene*	<0.050	0.050	06/16/2023	ND	2.43	122	2.00	0.0000883	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.33	117	2.00	3.62	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.04	117	6.00	3.48	
Total BTEx	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	06/16/2023	ND	400	100	400	3.92	

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	06/15/2023	ND	172	86.1	200	1.69	
DRO >C10-C28*	21.5	10.0	06/15/2023	ND	176	87.8	200	0.269	
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 33 (3') (H233098-49)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	2.29	114	2.00	2.34		
Toluene*	<0.050	0.050	06/16/2023	ND	2.43	122	2.00	0.0000883		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.33	117	2.00	3.62		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.04	117	6.00	3.48		
Total BTX	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-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	06/16/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2023	ND	172	86.1	200	1.69	
DRO >C10-C28*	<10.0	10.0	06/15/2023	ND	176	87.8	200	0.269	
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND					

Surrogate: 1-Chlorooctane 135 % 48.2-134

Surrogate: 1-Chlorooctadecane 139 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 34 (3') (H233098-50)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	2.29	114	2.00	2.34		
Toluene*	<0.050	0.050	06/16/2023	ND	2.43	122	2.00	0.0000883		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.33	117	2.00	3.62		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.04	117	6.00	3.48		
Total BTEx	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/16/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2023	ND	172	86.1	200	1.69	
DRO >C10-C28*	<10.0	10.0	06/15/2023	ND	176	87.8	200	0.269	
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND					

Surrogate: 1-Chlorooctane 136 % 48.2-134

Surrogate: 1-Chlorooctadecane 138 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 35 (3') (H233098-51)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.29	114	2.00	2.34	
Toluene*	<0.050	0.050	06/16/2023	ND	2.43	122	2.00	0.0000883	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.33	117	2.00	3.62	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.04	117	6.00	3.48	
Total BTEx	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/16/2023	ND	400	100	400	3.92	

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	06/15/2023	ND	172	86.1	200	1.69	
DRO >C10-C28*	<10.0	10.0	06/15/2023	ND	176	87.8	200	0.269	
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 36 (3') (H233098-52)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.29	114	2.00	2.34	
Toluene*	<0.050	0.050	06/16/2023	ND	2.43	122	2.00	0.0000883	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.33	117	2.00	3.62	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.04	117	6.00	3.48	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	144	16.0	06/16/2023	ND	400	100	400	3.92	

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	06/16/2023	ND	172	86.1	200	1.69	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	176	87.8	200	0.269	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 132 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 37 (3') (H233098-53)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.29	114	2.00	2.34	
Toluene*	<0.050	0.050	06/16/2023	ND	2.43	122	2.00	0.0000883	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.33	117	2.00	3.62	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.04	117	6.00	3.48	
Total BTX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	06/16/2023	ND	400	100	400	3.92	

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	06/16/2023	ND	172	86.1	200	1.69	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	176	87.8	200	0.269	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 126 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 38 (3') (H233098-54)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	2.29	114	2.00	2.34		
Toluene*	<0.050	0.050	06/16/2023	ND	2.43	122	2.00	0.0000883		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.33	117	2.00	3.62		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.04	117	6.00	3.48		
Total BTEx	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	06/16/2023	ND	400	100	400	3.92		

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	06/16/2023	ND	172	86.1	200	1.69	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	176	87.8	200	0.269	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 39 (3') (H233098-55)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.29	114	2.00	2.34	
Toluene*	<0.050	0.050	06/16/2023	ND	2.43	122	2.00	0.0000883	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.33	117	2.00	3.62	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.04	117	6.00	3.48	
Total BTEx	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	06/16/2023	ND	400	100	400	3.92	

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	06/16/2023	ND	172	86.1	200	1.69	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	176	87.8	200	0.269	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 126 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 40 (3') (H233098-56)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.29	114	2.00	2.34	
Toluene*	<0.050	0.050	06/16/2023	ND	2.43	122	2.00	0.0000883	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.33	117	2.00	3.62	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.04	117	6.00	3.48	
Total BTX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	06/16/2023	ND	400	100	400	3.92	

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	06/16/2023	ND	172	86.1	200	1.69	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	176	87.8	200	0.269	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 133 % 48.2-134

Surrogate: 1-Chlorooctadecane 136 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 41 (3') (H233098-57)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	2.29	114	2.00	2.34		
Toluene*	<0.050	0.050	06/16/2023	ND	2.43	122	2.00	0.0000883		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.33	117	2.00	3.62		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.04	117	6.00	3.48		
Total BTX	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	240	16.0	06/16/2023	ND	400	100	400	3.92	

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	06/16/2023	ND	172	86.1	200	1.69	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	176	87.8	200	0.269	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 134 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
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 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 42 (3') (H233098-58)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	2.29	114	2.00	2.34		
Toluene*	<0.050	0.050	06/16/2023	ND	2.43	122	2.00	0.0000883		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.33	117	2.00	3.62		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.04	117	6.00	3.48		
Total BTX	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	06/16/2023	ND	400	100	400	3.92		

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	06/16/2023	ND	172	86.1	200	1.69	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	176	87.8	200	0.269	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 130 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
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 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 43 (3') (H233098-59)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.29	114	2.00	2.34	
Toluene*	<0.050	0.050	06/16/2023	ND	2.43	122	2.00	0.0000883	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.33	117	2.00	3.62	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.04	117	6.00	3.48	
Total BTX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	06/16/2023	ND	400	100	400	3.92		

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	06/16/2023	ND	172	86.1	200	1.69	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	176	87.8	200	0.269	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 133 % 48.2-134

Surrogate: 1-Chlorooctadecane 136 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 44 (3') (H233098-60)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.29	114	2.00	2.34	
Toluene*	<0.050	0.050	06/16/2023	ND	2.43	122	2.00	0.0000883	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.33	117	2.00	3.62	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.04	117	6.00	3.48	
Total BTX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	06/16/2023	ND	400	100	400	3.92	

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	06/16/2023	ND	172	86.1	200	1.69	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	176	87.8	200	0.269	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 133 % 48.2-134

Surrogate: 1-Chlorooctadecane 135 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 45 (3') (H233098-61)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.29	114	2.00	2.34	
Toluene*	<0.050	0.050	06/16/2023	ND	2.43	122	2.00	0.0000883	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.33	117	2.00	3.62	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.04	117	6.00	3.48	
Total BTX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	06/16/2023	ND	400	100	400	3.92	

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	06/16/2023	ND	172	86.1	200	1.69	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	176	87.8	200	0.269	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 132 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 46 (3') (H233098-62)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.29	114	2.00	2.34	
Toluene*	<0.050	0.050	06/16/2023	ND	2.43	122	2.00	0.0000883	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.33	117	2.00	3.62	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.04	117	6.00	3.48	
Total BTX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-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	06/16/2023	ND	400	100	400	3.92	

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	06/16/2023	ND	172	86.1	200	1.69	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	176	87.8	200	0.269	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 133 % 48.2-134

Surrogate: 1-Chlorooctadecane 135 % 49.1-148

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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: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 47 (3') (H233098-63)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.15	108	2.00	7.67	
Toluene*	<0.050	0.050	06/16/2023	ND	1.99	99.7	2.00	6.78	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.93	96.6	2.00	7.52	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.75	95.9	6.00	7.05	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	06/16/2023	ND	400	100	400	3.92	

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	06/16/2023	ND	172	86.1	200	1.69	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	176	87.8	200	0.269	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 130 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 48 (3') (H233098-64)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/16/2023	ND	2.15	108	2.00	7.67		
Toluene*	<0.050	0.050	06/16/2023	ND	1.99	99.7	2.00	6.78		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.93	96.6	2.00	7.52		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.75	95.9	6.00	7.05		
Total BTEX	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 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	06/16/2023	ND	416	104	400	3.77		

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	06/16/2023	ND	172	86.1	200	1.69	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	176	87.8	200	0.269	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 06/15/2023
 Reported: 06/16/2023
 Project Name: MODELO 10 FED COM 607 SPILL
 Project Number: 2027
 Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 49 (3') (H233098-65)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.15	108	2.00	7.67	
Toluene*	<0.050	0.050	06/16/2023	ND	1.99	99.7	2.00	6.78	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.93	96.6	2.00	7.52	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.75	95.9	6.00	7.05	
Total BTEx	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 71.5-134

Chloride, SM4500CI-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	06/16/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	172	86.1	200	1.69	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	176	87.8	200	0.269	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 139 % 48.2-134

Surrogate: 1-Chlorooctadecane 142 % 49.1-148

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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-04	The RPD for the BS/BSD was outside of historical limits.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
GC-NC	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
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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Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: H233098

Page 10 of 16

Project Manager:	Conner Moehring	Bill to: (if different)	James Kennedy
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:	James_Kennedy@eogresources.com

Work Order Comments			
Program:	UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> perfund <input type="checkbox"/>		
State of Project:			
Reporting:	Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>		
Deliverables:	EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other:		

Project Name:		Modelo 10 Fed Com 607 Spill		Turn Around		Pres. Code	ANALYSIS REQUEST																Preservative Codes								
Project Number:		2027		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush			Parameters	BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500																None: NO DI Water: H ₂ O							
Project Location		Lea County, New Mexico		Due Date:																				24 hours		Cool: Cool MeOH: Me					
Sampler's Name:		FV																								HCL: HC HNO ₃ : HN					
PO #:																								H ₂ S0 ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Wet Ice:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																		H ₃ PO ₄ : HP					
Received Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:		113																		NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Correction Factor:		-0.6																		Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Temperature Reading:		4.7																		Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:		4.1																		NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont																		Sample Comments	
CS-91 (3')		6/15/2023				X				C		1		X X X																	
CS-92 (3')		6/15/2023				X				C		1		X X X																	
CS-93 (3')		6/15/2023				X				C		1		X X X																	
CS-94 (3')		6/15/2023				X				C		1		X X X																	
CS-95 (3')		6/15/2023				X				C		1		X X X																	
CS-96 (3')		6/15/2023				X				C		1		X X X																	
CS-97 (3')		6/15/2023				X				C		1		X X X																	
CS-98 (3')		6/15/2023				X				C		1		X X X																	
CS-99 (3')		6/15/2023				X				C		1		X X X																	
CS-100 (3')		6/15/2023				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	
Fabian Vargas		6-15-23 1500		[Signature]			

200 New Fund

Chain of Custody

Work Order No: H233098

Page 11 of 16

Project Manager:	Conner Moehring	Bill to: (if different)	James Kennedy
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:	James.Kennedy@eogresources.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> perfund <input type="checkbox"/>
State of Project:	
Reporting: Level II	<input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables: EDD	<input type="checkbox"/> ADaPT <input type="checkbox"/> Other:

Project Name:		Modelo 10 Fed Com 607 Spill		Turn Around				ANALYSIS REQUEST										Preservative Codes							
Project Number:		2027		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush		Prej. Code												None: NO DI Water: H ₂ O							
Project Location		Lea County, New Mexico		Due Date:		24 hours												Cool: Cool MeOH: Me							
Sampler's Name:		FV																HCL: HC HNO ₃ : HN							
PO #:																		H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No												H ₃ PO ₄ : HP					
Received Intact:		Yes No		Thermometer ID:		113												NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes No N/A		Correction Factor:		-0.6°C												Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes No N/A		Temperature Reading:		4.7°C												Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:		4.1°C												NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont												Sample Comments	
CS-101 (3')		6/15/2023				X				C		1		X X X											
CS-102 (3')		6/15/2023				X				C		1		X X X											
CS-103 (3')		6/15/2023				X				C		1		X X X											
CS-104 (3')		6/15/2023				X				C		1		X X X											
CS-105 (3')		6/15/2023				X				C		1		X X X											
CS-106 (3')		6/15/2023				X				C		1		X X X											
SW-1 (3.5')		6/15/2023				X				C		1		X X X											
SW-2 (3.5')		6/15/2023				X				C		1		X X X											
SW-3 (3.5')		6/15/2023				X				C		1		X X X											
SW-4 (3.5')		6/15/2023				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	
Fabian Vargas		6-15-23 1500		James Kennedy			

Chain of Custody

Work Order No: H233098

Page 12 of 16

Project Manager:	Conner Moehring	Bill to: (if different)	James Kennedy
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:	James_Kennedy@eogresources.com

Work Order Comments	
Program:	UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> perfund <input type="checkbox"/>
State of Project:	
Reporting:	Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other: <input type="checkbox"/>

Project Name:		Modelo 10 Fed Com 607 Spill		Turn Around		Pres. Code		ANALYSIS REQUEST												Preservative Codes							
Project Number:		2027		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush																None: NO DI Water: H ₂ O							
Project Location		Lea County, New Mexico		Due Date:		24 hours														Cool: Cool MeOH: Me							
Sampler's Name:		FV																		HCL: HC HNO ₃ : HN							
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Wet Ice:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>														H ₃ PO ₄ : HP					
Received Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:		113														NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Correction Factor:		-0.6°C														Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Temperature Reading:		4.7°C														Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:		4.1°C														NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
SW-5 (3.5')		6/15/2023				X				C		1		X X X													
SW-6 (0.5')		6/15/2023				X				C		1		X X X													
SW-7 (4')		6/15/2023				X				C		1		X X X													
SW-8 (4')		6/15/2023				X				C		1		X X X													
SW-9 (4')		6/15/2023				X				C		1		X X X													
SW-10 (4')		6/15/2023				X				C		1		X X X													
SW-11 (2.5')		6/15/2023				X				C		1		X X X													
SW-12 (1.5')		6/15/2023				X				C		1		X X X													
SW-13 (1.5')		6/15/2023				X				C		1		X X X													
SW-14 (1.5')		6/15/2023				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	
Fabian Vargas		6-15-23 1500		[Signature]			

Chain of Custody

Work Order No: H233098

Page 13 of 16

Project Manager:	Conner Moehring	Bill to: (if different)	James Kennedy
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:	James_Kennedy@eogresources.com

Work Order Comments	
Program:	UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> IRC <input type="checkbox"/> Superfund <input type="checkbox"/>
State of Project:	
Reporting:	Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other: <input type="checkbox"/>

Project Name:		Turn Around		Pres. Code	ANALYSIS REQUEST																Preservative Codes				
Project Number:	Modelo 10 Fed Com 607 Spill	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Due Date:		24 hours																	None: NO	DI Water: H ₂ O		
Project Location	Lea County, New Mexico	Sampler's Name:	FV	PO #:																		Cool: Cool	MeOH: Me		
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																	HCL: HC	HNO ₃ : HN		
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	113																	H ₂ SO ₄ : H ₂	NaOH: Na				
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Correction Factor:	-0.6°C																	H ₃ PO ₄ : HP					
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Temperature Reading:	4.7°C																	NaHSO ₄ : NABIS					
Total Containers:		Corrected Temperature:	4.1°C																	Na ₂ S ₂ O ₃ : NaSO ₃					
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont																	Zn Acetate+NaOH: Zn		
SW-15 (1.5')	6/15/2023		X		C	1	X	X	X															NaOH+Ascorbic Acid: SAPC	
SW-16 (1.5')	6/15/2023		X		C	1	X	X	X																
SW-17 (1.5')	6/15/2023		X		C	1	X	X	X																
SW-18 (2.5')	6/15/2023		X		C	1	X	X	X																
SW-19 (2.5')	6/15/2023		X		C	1	X	X	X																
SW-20 (1')	6/15/2023		X		C	1	X	X	X																
SW-21 (1.5')	6/15/2023		X		C	1	X	X	X																
SW-22 (1.5')	6/15/2023		X		C	1	X	X	X																
SW-23 (1.5')	6/15/2023		X		C	1	X	X	X																
SW-24 (1.5')	6/15/2023		X		C	1	X	X	X																

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com			
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Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Farlan Vargas</i>	6-15-23 1500	<i>James Kennedy</i>	

Chain of Custody

Work Order No: H233098

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Project Manager:	Conner Moehring	Bill to: (if different)	James Kennedy
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:	James.Kennedy@eogresources.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> perfund <input type="checkbox"/>
State of Project:	
Reporting: Level II	<input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables: EDD	<input type="checkbox"/> ADaPT <input type="checkbox"/> Other:

Project Name:		Turn Around		Pres. Code	ANALYSIS REQUEST																Preservative Codes		
Modelo 10 Fed Com 607 Spill		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush																			None: NO DI Water: H ₂ O		
Project Number:	2027	Due Date: 24 hours		Parameters																	Cool: Cool MeOH: Me		
Project Location	Lea County, New Mexico																				HCL: HC HNO ₃ : HN		
Sampler's Name:	FV																				H ₂ SO ₄ : H ₂ NaOH: Na		
PO #:																					H ₃ PO ₄ : HP		
																					NaHSO ₄ : NABIS		
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																	Na ₂ S ₂ O ₃ : NaSO ₃	
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	113																		Zn Acetate+NaOH: Zn		
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Correction Factor:	-0.6°																		NaOH+Ascorbic Acid: SAPC		
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Temperature Reading:	4.7°																				
Total Containers:		Corrected Temperature:	4.1°																				
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont																	Sample Comments
SW-25 (1.5')	6/15/2023		X		C	1	X	X	X														
SW-26 (1.5')	6/15/2023		X		C	1	X	X	X														
SW-27 (1.5')	6/15/2023		X		C	1	X	X	X														
SW-28 (1.5')	6/15/2023		X		C	1	X	X	X														
SW-29 (1.5')	6/15/2023		X		C	1	X	X	X														
SW-30 (1.5')	6/15/2023		X		C	1	X	X	X														
SW-31 (2')	6/15/2023		X		C	1	X	X	X														
SW-32 (1.5')	6/15/2023		X		C	1	X	X	X														
SW-33 (3')	6/15/2023		X		C	1	X	X	X														
SW-34 (3')	6/15/2023		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
Fabian Vargas	6-15-23 1500	James Kennedy	

Chain of Custody

Work Order No: H233098

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Project Manager:	Conner Moehring	Bill to: (if different)	James Kennedy
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:	James.Kennedy@eogresources.com

Work Order Comments	
Program:	UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> IRC <input type="checkbox"/> perfund <input type="checkbox"/>
State of Project:	
Reporting:	Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other: <input type="checkbox"/>

Project Name:		Modelo 10 Fed Com 607 Spill		Turn Around		Pres. Code		ANALYSIS REQUEST												Preservative Codes							
Project Number:		2027		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush																None: NO DI Water: H ₂ O							
Project Location		Lea County, New Mexico		Due Date:		24 hours														Cool: Cool MeOH: Me							
Sampler's Name:		FV																		HCL: HC HNO ₃ : HN							
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Wet Ice:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>														H ₃ PO ₄ : HP					
Received Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:		T13														NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Correction Factor:		-0.6°C														Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Temperature Reading:		4.7°C														Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:		4.1°C														NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
SW-35 (3')		6/15/2023				X				C		1		X X X													
SW-36 (3')		6/15/2023				X				C		1		X X X													
SW-37 (3')		6/15/2023				X				C		1		X X X													
SW-38 (3')		6/15/2023				X				C		1		X X X													
SW-39 (3')		6/15/2023				X				C		1		X X X													
SW-40 (3')		6/15/2023				X				C		1		X X X													
SW-41 (3')		6/15/2023				X				C		1		X X X													
SW-42 (3')		6/15/2023				X				C		1		X X X													
SW-43 (3')		6/15/2023				X				C		1		X X X													
SW-44 (3')		6/15/2023				X				C		1		X X X													

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com			
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Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
Fabian Vargas		6-15-23 1500		James Kennedy			

Chain of Custody

Work Order No: H233098

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Project Manager:	Conner Moehring	Bill to: (if different)	James Kennerly
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:	James.Kennedy@eogresources.com

Work Order Comments	
Program:	UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> perfund <input type="checkbox"/>
State of Project:	
Reporting:	Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other:

Project Name:		Modelo 10 Fed Com 607 Spill		Turn Around		Pres. Code		ANALYSIS REQUEST												Preservative Codes							
Project Number:		2027		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush																None: NO DI Water: H ₂ O							
Project Location		Lea County, New Mexico		Due Date:		24 hours														Cool: Cool MeOH: Me							
Sampler's Name:		FV																		HCL: HC HNO ₃ : HN							
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Wet Ice:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>														H ₃ PO ₄ : HP					
Received Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:		113														NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Correction Factor:		-0.6°C														Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Temperature Reading:		4.7°C														Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:		4.1°C														NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
SW-45 (3')		6/15/2023				X				C		1		X X X													
SW-46 (3')		6/15/2023				X				C		1		X X X													
SW-47 (3')		6/15/2023				X				C		1		X X X													
SW-48 (3')		6/15/2023				X				C		1		X X X													
SW-49 (3')		6/15/2023				X				C		1		X X X													

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com			
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Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
Fabian Vargas		6-15-23 1500		[Signature]			

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

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

District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

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

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

CONDITIONS

Action 232836

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 232836
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	9/20/2023