

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





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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

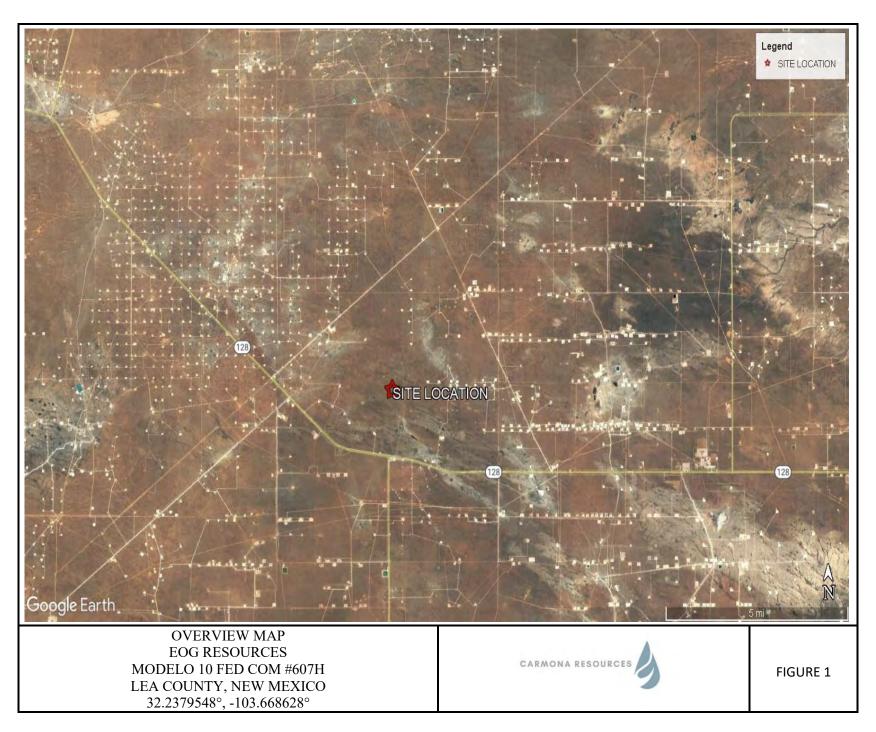
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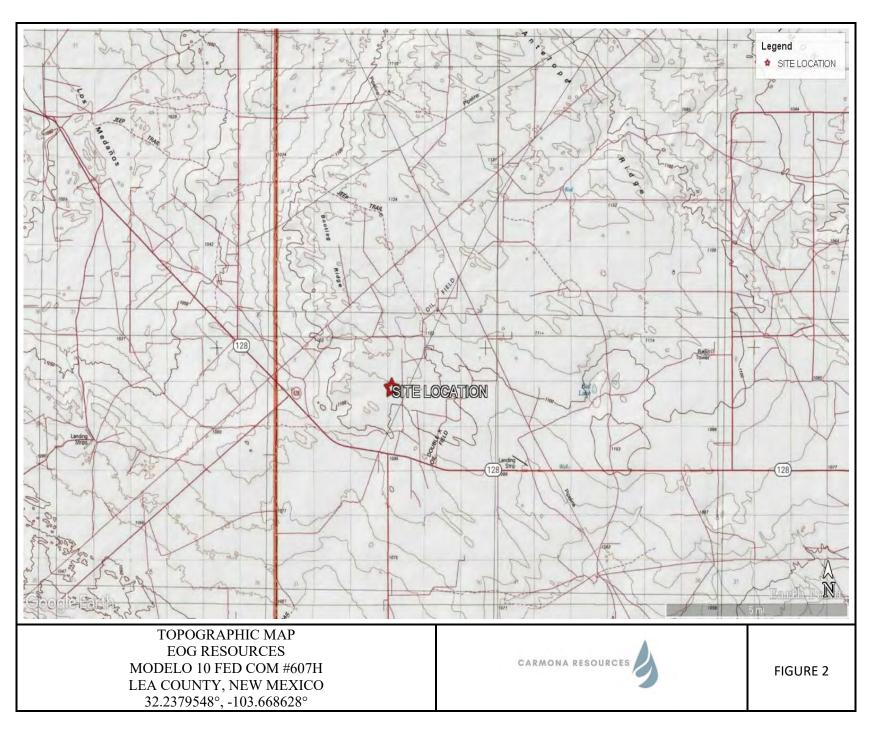
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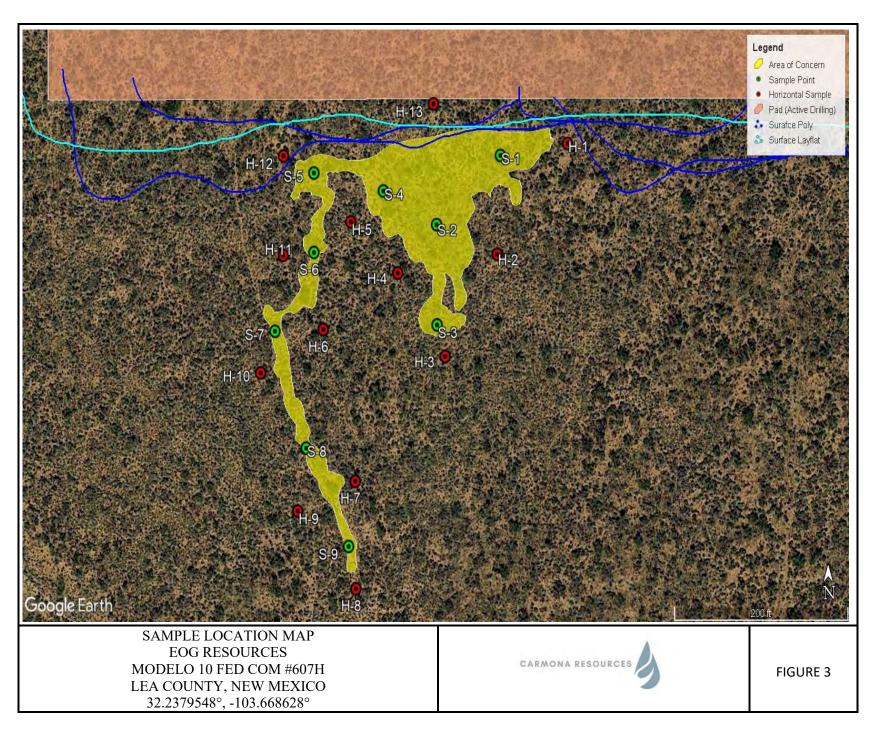
Sr. Project Manager

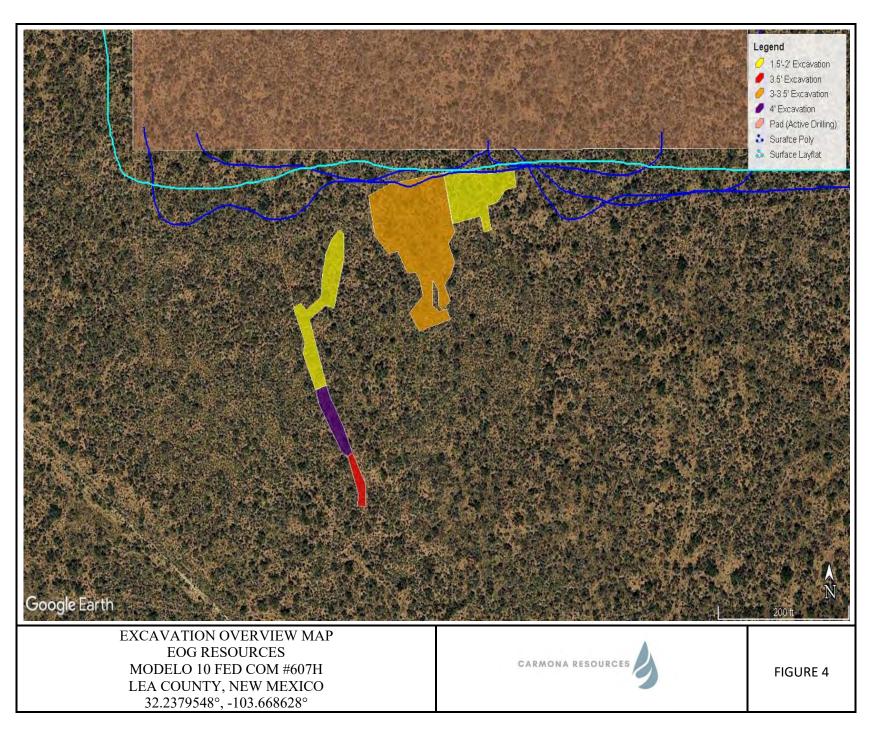
FIGURES

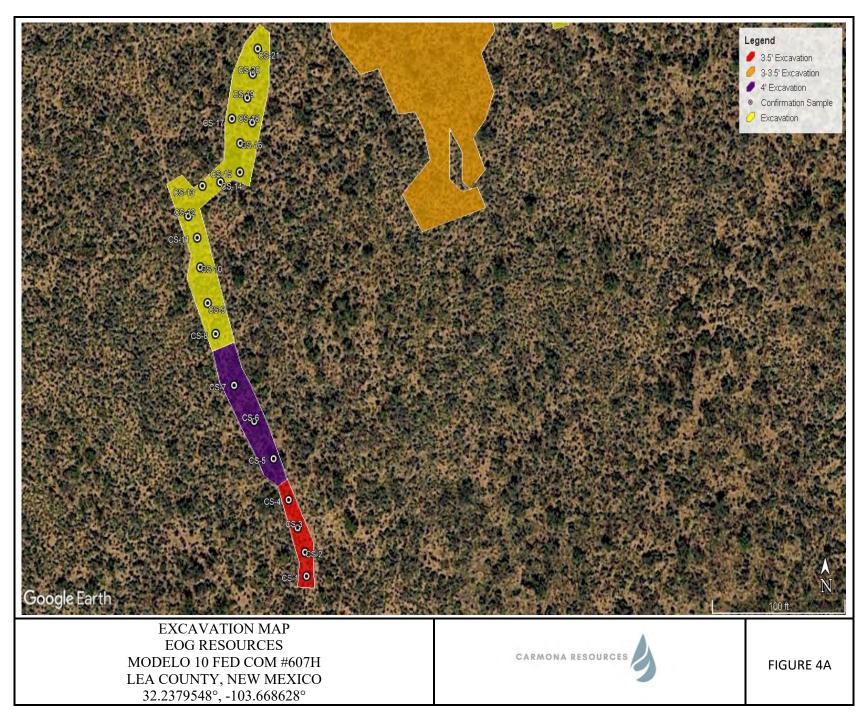
CARMONA RESOURCES

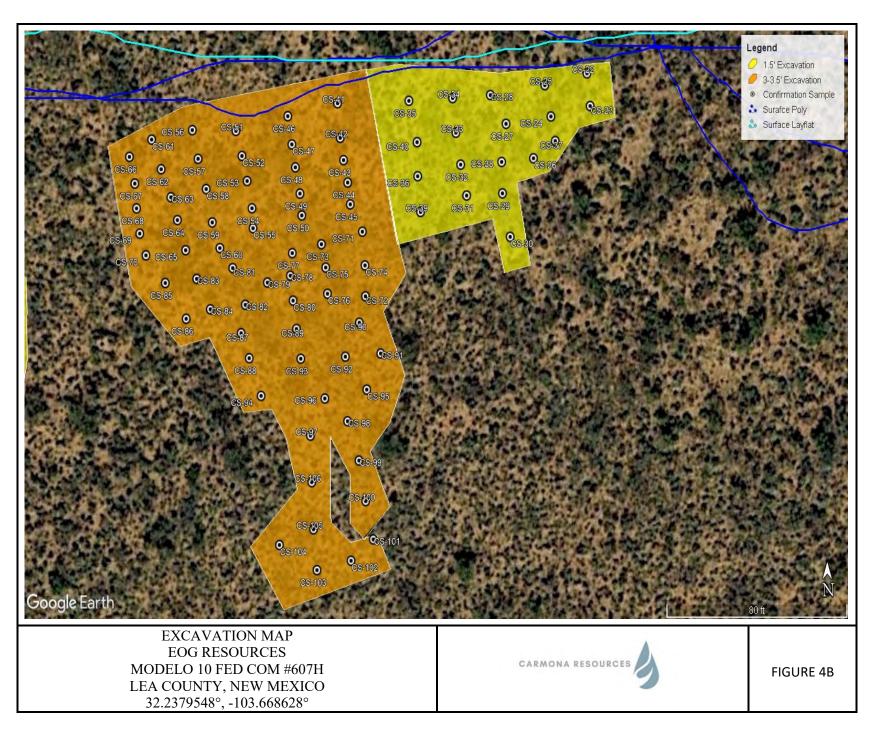


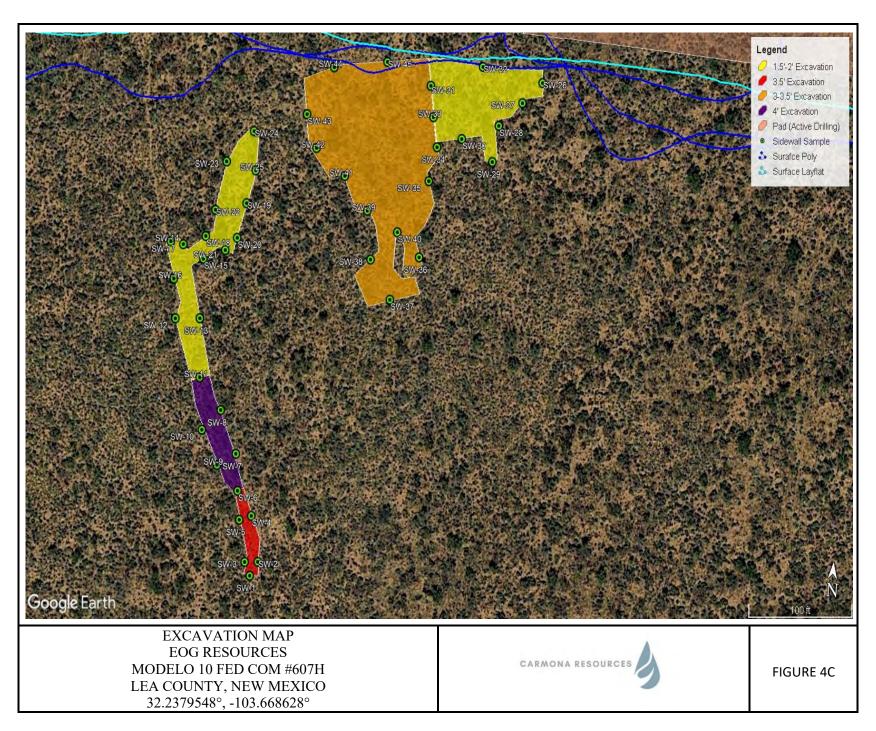












APPENDIX A

CARMONA RESOURCES

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

0 1 15	2.	D (1 (6)		TPH	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
	5/16/2023	0-1	33.3	5,350	916	6,299	<0.050	<0.050	0.055	0.216	<0.300	2,640
S-1	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
3-1	"	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
	5/16/2023	0-1	682	36,400	5,890	42,972	<0.050	1.18	2.50	12.7	16.4	7,200
S-2	"	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
	5/16/2023	0-1	156	15,100	2,170	17,426	<0.050	0.124	0.35	1.78	2.25	2,120
S-3	"	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
	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
S-4	"	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
	5/16/2023	0-1	<10.0	33.1	<10.0	33.1	<0.050	<0.050	<0.050	<0.150	<0.300	368
S-5	"	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
	5/16/2023	0-1	736	27,400	3,350	31,486	0.103	1.49	3.86	19.0	24.4	2,640
S-6	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	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
S-7	"	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
	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
S-8	"	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
	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
S-9	"	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
Regulato	ry Criteria ^A		1,000	mg/kg		2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg
() Not	Analyzed											

(-) 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

Comple ID	Date	Donath (f4)		TPH	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
H-1	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
	ry Criteria ^A Analyzed		1,000	mg/kg		2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed

A - Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(H) Horizontal Sample

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

0 1 10		D (1 (5))		ТРН	(mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
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 6/19/2023	1.5 2.0	<10.0 <10.0	269 <10.0	26.6 <10.0	296 <10.0	<0.050 <0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	96.0 <16.0
CS-9	6/15/2023 6/19/2023	1.5	<10.0 <10.0	359 <10.0	49.3 <10.0	408 <10.0	<0.050 <0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	112 <16.0
CS-10	6/15/2023 6/19/2023	1.5 2.0	<10.0 <10.0	260 <10.0	24.0 <10.0	284 <10.0	<0.050 <0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	128 <16.0
CS-11	6/15/2023 6/19/2023	1.5 2.0	<10.0 <10.0	109 <10.0	<10.0 <10.0	109 <10.0	<0.050 <0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	240 <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 6/19/2023	1.5 2.0	<10.0 <10.0	136 <10.0	14.6 <10.0	151 <10.0	<0.050 <0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	368 <16.0
CS-14	6/15/2023 6/19/2023	1.5 2.0	<10.0 <10.0	109 <10.0	10.5	120 <10.0	<0.050 <0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	368 <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 6/19/2023	1.5 2.0	<10.0 <10.0	154 <10.0	14.0	168 <10.0	<0.050 <0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	336 <16.0
CS-17	6/15/2023 6/19/2023	1.5 2.0	<10.0 <10.0	128 <10.0	29.8 <10.0	168 <10.0	<0.050 <0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	304 <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 6/19/2023	1.5 2.0	<10.0 <10.0	152 <10.0	33.5 <10.0	186 <10.0	<0.050 <0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	352 <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 6/19/2023	1.5 2.0	<10.0 <10.0	89.0 <10.0	15.6 <10.0	105 <10.0	<0.050 <0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	352 <16.0
	ry Criteria ^A Analyzed		1,000	mg/kg		2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed

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

(CS) Confirmation Smaple

Removed

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

Samula ID	Data	Danáh (54)		TPH	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
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
	ory Criteria A		1,000	mg/kg		2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg
(-) NO	Analyzed											

A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet

(CS) Confirmation Smaple
Removed

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

Sample ID	Date	Depth (ft)		ТРН	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
			GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
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
	ry Criteria A		1,000	mg/kg		2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed

A – Table 1 - 19.15.29 NMAC mg/kg - milligram per kilogram TPH - Total Petroleum Hydrocarbons

ft - feet
(CS) Confirmation Smaple
Removed

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

Sample ID		D (1 (5))		ТРН	(mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
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
30-13	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
00-01	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
00.00	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
CS-82	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
C3-03	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
00.04	6/15/2023	3.0	<10.0	101	<10.0	101	<0.050	<0.050	<0.050	<0.150	<0.300	1,120
CS-84	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
00.05	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
CS-85	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
CS-87	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
CS-88	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
00.00	6/15/2023	3.0	<10.0	338	51.9	390	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-89	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
00.00	6/15/2023	3.0	<10.0	546	89.5	636	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-90	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
00.04	6/15/2023	3.0	<10.0	470	77.0	547	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-91	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 02	6/15/2023	3.0	<10.0	327	48.5	376	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-92	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
	y Criteria ^A Analyzed		1,000	mg/kg		2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed

A – Table 1 - 19.15.29 NMAC mg/kg - milligram per kilogram TPH - Total Petroleum Hydrocarbons ft - feet

(CS) Confirmation Smaple
Removed

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

				TPH	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
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
C3-92	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
C5-93	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
C3-94	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
C3-95	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
C3-96	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
00.07	6/15/2023	3.0	<10.0	441	94.6	536	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-97	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
C2-96	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
C3-99	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
C3-100	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
C3-101	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
C3-102	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
C3-103	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
C3-104	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
03-103	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
C3-100	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
	y Criteria ^A Analyzed		1,000	mg/kg		2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed

A – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet

(CS) Confirmation Smaple Removed

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

Sample ID	Date	Depth (ft)		ТРН	(mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
			GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
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
	ry Criteria ^A Analyzed		1,000	mg/kg		2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed

A – Table 1 - 19.15.29 NMAC mg/kg - milligram per kilogram TPH - Total Petroleum Hydrocarbons ft - feet

(SW) Sidewall Sample

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

				TPH	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SW-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
	ry Criteria ^A Analyzed		1,000	mg/kg		2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed

A – Table 1 - 19.15.29 NMAC mg/kg - milligram per kilogram TPH - Total Petroleum Hydrocarbons ft - feet

(SW) Sidewall Sample

APPENDIX B

CARMONA RESOURCES

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.





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.





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.





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

Responsible Party EOG Resources

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

OGRID 7377

Contact Nam	ne James Ke	nnedy			Contact Te	elephone 432-84	8-9146
Contact emai	il james_ken	nedy@eogresourc	ces.com		Incident #	(assigned by OCD)	nAPP2314251680
Contact mail 79706	ing address	5509 Champions I	Drive Midland, T	ГΧ	1		
			T 4.	e D			
			Location	n of K	Release So	ource	
Latitude 32.2	379548				Longitude -		
			(NAD 83 in a	tecimal de	egrees to 5 decim		
		d Com #607H			Site Type v	well facility	
Date Release	Discovered	05/09/2023			API# (if app	olicable) 30-025-509	941
Unit Letter	Section	Township	Range		Coun	ntv	1
D	10	24S	32E	Lea		,	
							I
Surface Owner	r: State	⊠ Federal □ Tr	ribal Private	(Name:)
			Nature an	nd Vo	lume of F	Release	
Crude Oil		Volume Release		ch calculat	tions or specific	Volume Reco	volumes provided below) vered (bbls)
Produced	Water	Volume Release	ed (bbls)			Volume Reco	
		Is the concentrat	tion of dissolved	chloride	e in the	Yes No	0
		produced water				17.1. D	1/111)
Condensa		Volume Release				Volume Reco	, ,
Natural G		Volume Release				Volume Reco	, ,
Other (de		Volume/Weight	Released (provi	de units) 150 bbls	Volume/Weig	ht Recovered (provide units) 75 bbls
Diesel based	drilling						
fluid							
A frac tank h	ose ruptured	l causing release.					

Received by OCD: 6/26/2023 1:22:57 PM State of New Mexico
Page 2 Oil Conservation Division

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1/25169	2O	i

Incident ID	NAPP2314251680
District RP	
Facility ID	
Application ID	

Was this a major release as defined by	If YES, for what reason(s) does the resp Greater than 25 bbls	onsible party consider this a major release?
19.15.29.7(A) NMAC?		
⊠ Yes □ No		
	otice given to the OCD? By whom? To nviro@emnrd.nm.gov, 05/09/23, email.	whom? When and by what means (phone, email, etc)?
	Initial 1	Response
The responsible p	party must undertake the following actions immedia	tely unless they could create a safety hazard that would result in injury
The source of the rele	ease has been stopped.	
	as been secured to protect human health an	nd the environment.
Released materials ha	ave been contained via the use of berms o	r dikes, absorbent pads, or other containment devices.
☐ All free liquids and recoverable materials have been removed and managed appropriately.		
If all the actions described	d above have <u>not</u> been undertaken, explai	n why:
Per 19.15.29.8 B. (4) NM	IAC the responsible party may commence	e remediation immediately after discovery of a release. If remediation
has begun, please attach	a narrative of actions to date. If remedia	al efforts have been successfully completed or if the release occurred, please attach all information needed for closure evaluation.
		ne best of my knowledge and understand that pursuant to OCD rules and
public health or the environn	ment. The acceptance of a C-141 report by the	otifications and perform corrective actions for releases which may endanger e OCD does not relieve the operator of liability should their operations have
		nreat to groundwater, surface water, human health or the environment. In of responsibility for compliance with any other federal, state, or local laws
and/or regulations.		
Printed Name: _James F.	Kennedy	Title:Env Specialist
Signature: Jame	s F Kennedy	Date: 05/22/2023
	y@eogresouirces.com	Telephone: 432-258-4346
omaiijames_keimedy	, w, cogi esoun ees. com	Telephone:432-258-4346
OCD Only		
	elyn Harimon	Date: 05/23/2023
Received by:		Date:

Received by OCD: 6/26/2023 1:22:57 PM Form C-141 State of New Mexico Page 3 Oil Conservation Division

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Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	(ft bgs)	
Did this release impact groundwater or surface water?	☐ Yes ☐ No	
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☐ No	
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☐ No	
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☐ No	
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☐ No	
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☐ No	
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☐ No	
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☐ No	
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☐ No	
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☐ No	
Are the lateral extents of the release within a 100-year floodplain?		
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ☐ No	
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.		
Characterization Report Checklist: Each of the following items must be included in the report.		
Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release Boring or excavation logs Photographs including date and GIS information Topographic/Aerial maps Laboratory data including chain of custody		

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

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Incident ID		
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	otifications and perform corrective actions for releases which may endanger OCD does not relieve the operator of liability should their operations have reat to groundwater, surface water, human health or the environment. In
Printed Name:	Title:
Signature: James F. Kennedy	
email:	Telephone:
OCD Only	
Received by: Shelly Wells	Date: <u>6/26/2023</u>

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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 i	tems must be included in the closure report.	
☐ A scaled site and sampling diagram as described in 19.15.29.1	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	C District office must be notified 2 days prior to final sampling)	
☐ Description of remediation activities		
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and replaced to the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regular restore, reclaim, and re-vegetate the impacted surface area to the coaccordance with 19.15.29.13 NMAC including notification with 19.15.29.13	nations. The responsible party acknowledges they must substantially anditions that existed prior to the release or their final land use in OCD when reclamation and re-vegetation are complete.	
Printed Name:	Title:	
Signature: James F. Kennedy	Date:	
Printed Name: Signature: Games F. Kennsdy email:	Telephone:	
OCD Only		
Received by: Shelly Wells	Date: _6/26/2023	
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible 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



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.

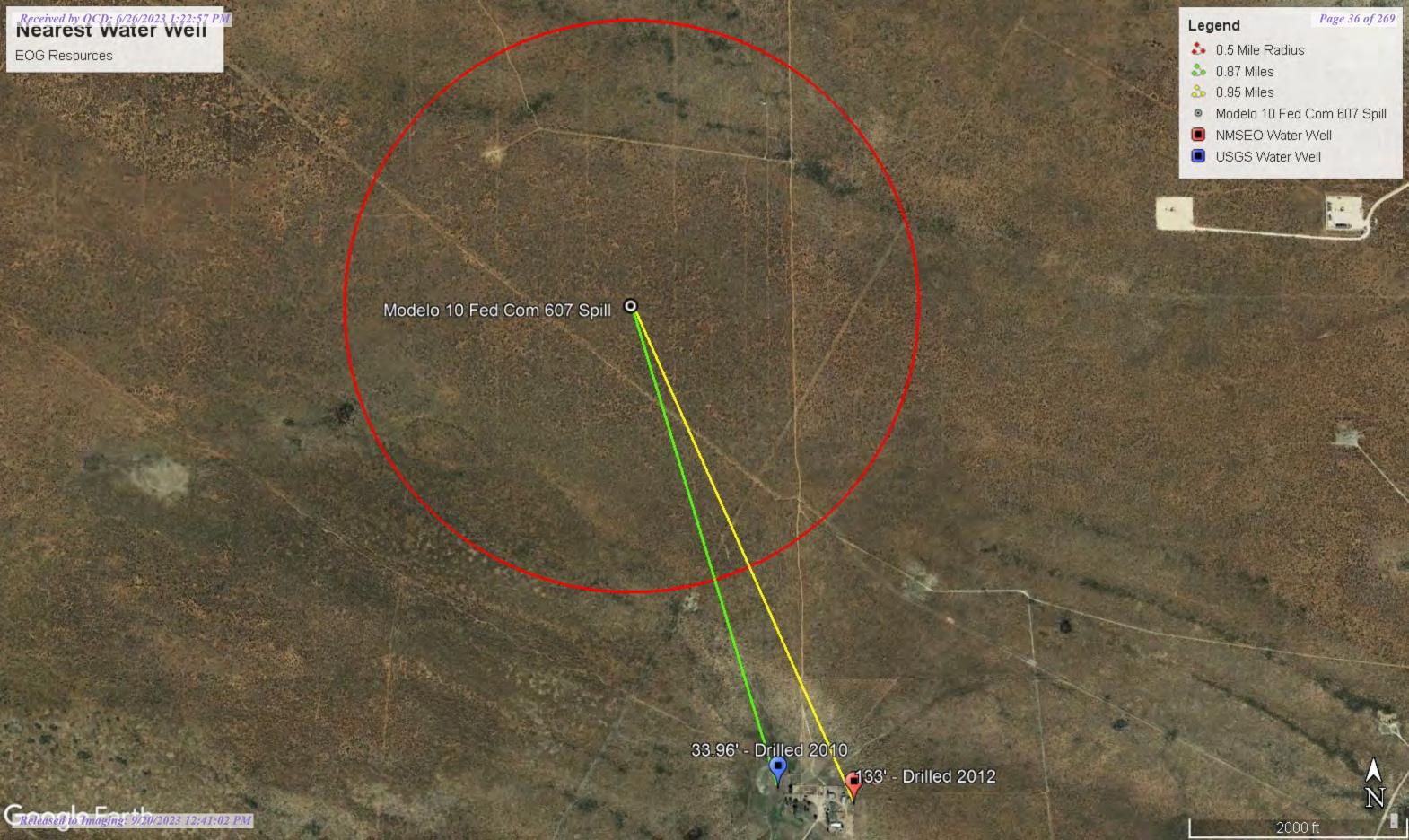
All,

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



Modelo 10 Fed Com 607 Spill •

Legend

Low

Modelo 10 Fed Com 607 Spill





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 Sub-		Q	Q	Q							Depth	Depth	Water
POD Number	Code basin	County	64	16	4	Sec	Tws	Rng	Х	Υ	Distance	Well	Water	Column
C 03527 POD1	С	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	С	LE	1	1	2	15	248	32E	626040	3566129 🌍	1524	541	133	408
C 03555 POD1	С	LE	2	2	1	05	24S	32E	622748	3569233 🌍	3160	600	380	220
C 01932	С	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

UTMNAD83 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.



USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources

Groundwater New Mexico **∨** GO

Click to hideNews Bulletins

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

Groundwater levels for New Mexico

Click to hide state-specific text

Important: <u>Next Generation Monitoring Location Page</u>

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

Tab-separated data

Graph of data

Table of data

Date	Time	? Water- level date- time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
1950-04-13	3	D	62610		3555.36	NGVD29	1	Z		
1950-04-13	3	D	62611		3557.09	NAVD88	1	Z		
1950-04-13	3	D	72019	33.64			1	Z		
1955-06-03	3	D	62610		3557.10	NGVD29	Р	Z		
1955-06-03	3	D	62611		3558.83	NAVD88	Р	Z		
1955-06-03	3	D	72019	31.90			Р	Z		
1976-01-22	2	D	62610		3557.20	NGVD29	1	Z		
1976-01-22	2	D	62611		3558.93	NAVD88	1	Z		
1976-01-22	2	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	3	D	62610		3551.84	NGVD29	1	Z		
1986-03-18	3	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	5
2006-02-07	16:30 UTC	m	62611		3571.33	NAVD88	1	S	USGS	5
2006-02-07	16:30 UTC	m	72019	19.40			1	S	USGS	5
2010-12-16	22:30 UTC	m	62610		3555.04	NGVD29	1	S	USGS	5
2010-12-16	22:30 UTC	m	62611		3556.77	NAVD88	1	S	USGS	5
2010-12-16	22:30 UTC	m	72019	33.96			1	S	USGS	S

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Status	Р	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	А	Approved for publication Processing and review completed.

Questions about sites/data?
Feedback on this web site
Automated retrievals
Help
Data Tips
Explanation of terms
Subscribe for system changes
News

Accessibility FOIA Privacy Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey Title: Groundwater for New Mexico: Water Levels

URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?

Page Contact Information: New Mexico Water Data Maintainer
Page Last Modified: 2023-05-09 16:22:27 EDT

0.28 0.24 nadww01

USA.gov



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 Finish Date:

03/12/2012 **Plug Date:**

G1 11

Drill Start Date: Log File Date: 02/20/2012 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

Bottom

15

152 Sandstone/Gravel/Conglomerate

Casing Perforations:

0 541

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.

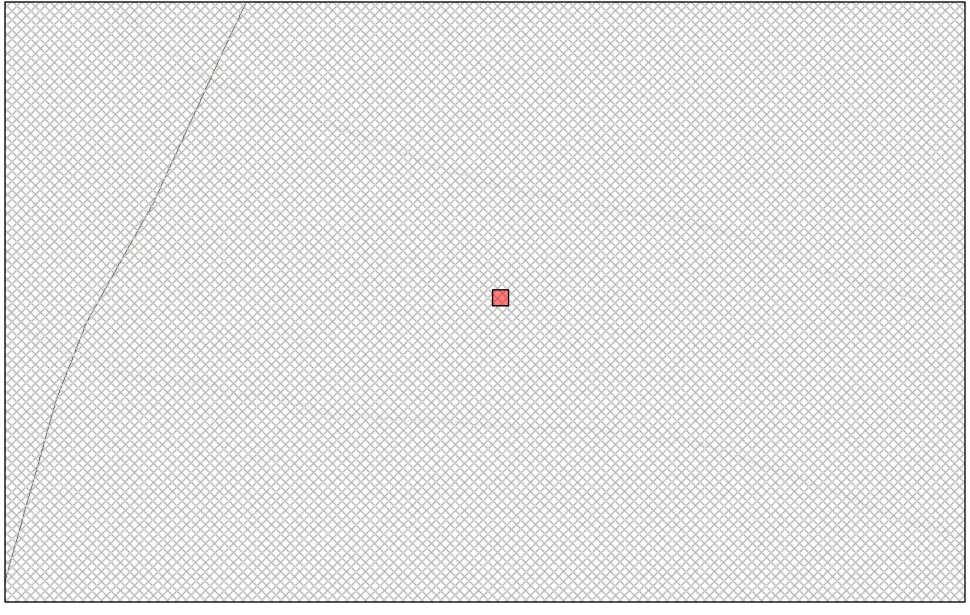
133

Top

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,

APPENDIX E

CARMONA RESOURCES



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/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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 - 1 (0-0.5') (H232468-01)

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.1	% 49.1-14	8						

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Celey D. Keene



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	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.7	% 49.1-14	8						

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Celey D. Keine



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)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.6	% 49.1-14	8						

Applyzod By: 14

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Celey D. Keine



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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

RTFY 8021R

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)

BIEX 8021B	mg	/кд	Anaiyze	a 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.4	% 49.1-14	8						

Applyzod By: 14

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Celey D. Keene



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	Analyze	d 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 5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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Celey D. Keine



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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.5	% 49.1-14	8						

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Celeg D. Freene



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

MODELO 10 FED COM 607 SPILL

Project Name: MOD 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	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.9	% 49.1-14	8						

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Celeg & Freene



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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.9	% 49.1-14	8						

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Celey D. Keene



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

MODELO 10 FED COM 607 SPILL

Project Name: MOD 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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.1	% 49.1-14	8						

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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)

BTEX 8021B	mg/	/kg	Analyze	d 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	105 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.1	% 49.1-14	8						

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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

05/18/2023 MODELO 10 FED COM 607 SPILL

Project Name: MOD 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)

Analyte Re									
Allalyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene* <0	0.050	0.050	05/17/2023	ND	2.12	106	2.00	10.9	
Toluene* <0	0.050	0.050	05/17/2023	ND	2.17	109	2.00	10.4	
Ethylbenzene* <0	0.050	0.050	05/17/2023	ND	2.08	104	2.00	9.48	
Total Xylenes* <0	0.150	0.150	05/17/2023	ND	6.41	107	6.00	8.41	
Total BTEX <0	0.300	0.300	05/17/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 %	6 71.5-13-	4						
Chloride, SM4500CI-B	mg/l	kg	Analyze	d By: AC					
Analyte Re	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/l	kg	Analyze	d By: MS					
Analyte Re	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 %	% 48.2-13-	4						
Surrogate: 1-Chlorooctadecane	86.5 %	6 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.7	% 49.1-14	8						

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Celey D. Keene



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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.7	% 49.1-14	8						

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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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Celey D. Keine

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	Som 1	Comments: Email to N	n-10 (0-0.5)	H-40 (0-0.5)	H-0 (0-0-3)	H-2 (0-0.5)	H-6 (0-0.5')	H-5 (0-0.5')	H-4 (0-0.5')	H-3 (0-0.5')	H-2 (0-0.5')	H-1 (0-0.5')		Sample Identification	Total Containers:	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO#	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone: 43	ate ZIP:		y Name:		
100		Email to Mike Carmona /												a tion		Yes No	Yes No	Yes No	Temp Blank:			Lea Cou		Modelo 10	432-813-6823	Midland, TX 79701	310 VV VVail St Ste 500	Carmona Resources	Conner Moenring	
4	Relinquished by: (Signature)	/ Mcarmona	5/16/2023	5/16/2023	5/16/2023	5/16/2023	5/16/2023	5/16/2023	5/16/2023	5/16/2023	5/16/2023	5/16/2023	Date		L	MA	NIA		Slank:		FV/CRM	Lea County, New Mexico	2027	Modelo 10 Fed Com 607 Spill		-	e 500	ces		
	(Signature)	@carmonan											Time		Corrected Temperature:	Temperature Reading:	Correction Factor.		Yes No			xico		07 Spill						
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	Date/Time												Sample Comments	INACHTASCOIDIC ACID: SAPC	NaOH+Assochic Acid: C	Za Acetatat Nacus	Nanso4 NABIS	Nauso : NABIS	H ₂ SU ₄ : H ₂ NaOH: Na		2		MINDAIA	Bassastina	Other:	ST/UST RRP Level IV		rownfields RC perfund	"	Page 1 of

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Journ M	omments: Email		H-13 (0-0.5')	H-12 (0-0.5")	H-11 (0-0.5')	Sample Identification	cai condiners.	Total Containers	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	70#	Sampler's Name:	Project Location	Project Number:	Project Name:	rione.	Dhoras	ity State 7ID	Address:	Company Name:	Project Manager:	
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	onner Mo		9	9	0	Grab/	30c	34,	30%	(3	Yes) No		S IDOI 174	Ahoure	Rush	ď	s Kenne	City, State ZIP:	388.	Adding Hairig	nany Name	Bill to: (if different)	0
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(mre)			+	+	H				_		_			+	-		EDO [vel II 🗆	ect:	ST/PST [Wor
																				PRP	Work Or		Work Order No:
		+	_	-			Nao	Na ₂	NaH	H ₃ P	720	H C	Coo	Non			ADaPT 🗆	□ST/UST		Program: UST/PST PRP prownfields	Work Order Comments		
					-	Sample	NaOH+Ascorbic Acid:	Na ₂ S ₂ O ₃ : NaSO ₃	NaHSO ₄ : NABIS	H ₃ PO ₄ : HP	H2504: H2	HCL HC	Cool: Cool	None: NO	Preser			RRP		ds RC	nments	Page	H.J.
Date/Time					-	Sample Comments	NaOH+Ascorbic Acid: SAPC	303	Sis		NaOH: Na	NH : ONH	MeOH: Me	DI W	Preservative Codes		. 1			_		2 of	396%
ō					000	250	APC				Na.	NH	: Me	DI Water: H ₂ O	odes			Level IV		perfund		2	Page 17 of 17



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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Celey D. Keene

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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 (0-1') (H232469-01)

BTEX 8021B	mg/	kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	130 9	% 49.1-14	8						

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Celey D. Keene



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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110	% 49.1-14	18						

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Celeg D. Freene



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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	8						

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Celey D. Keine



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	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112	% 49.1-14	8						

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Celey D. Keene



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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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 9	% 71.5-13	4						
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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	855	% 49.1-14	8						

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Celey D. Keene



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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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	% 71.5-13	4							
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	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	% 48.2-13	4							
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8							

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Celeg D. Freene

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



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

MODELO 10 FED COM 607 SPILL

Project Name: MOD 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 9	% 71.5-13	4						
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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	124	% 49.1-14	8						

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Celey D. Keene



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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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	% 71.5-13	4						
Chloride, SM4500CI-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
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	156	100	05/18/2023	ND	161	80.4	200	0.902	
DRO >C10-C28*	15100	100	05/18/2023	ND	175	87.5	200	2.57	
EXT DRO >C28-C36	2170	100	05/18/2023	ND					
Surrogate: 1-Chlorooctane	179	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	355	% 49.1-14	8						

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Celey D. Keene

C-04



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

MODELO 10 FED COM 607 SPILL

Project Name: MOD 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)

RTFY 8021R

BIEX 8021B	тд/кд		Analyzed By: JH/						5-04	
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	% 71.5-13	4							
Chloride, SM4500CI-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	% 48.2-13	4							
Surrogate: 1-Chlorooctadecane	111	% 49.1-14	8							

Applyzod By: 1H /

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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	% 71.5-13	4						
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	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	141	% 49.1-14	8						

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Analytical Results For:

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

05/17/2023

Reported: 05/18/2023

Project Name: MODELO 10 FED COM 607 SPILL

Project Number: 2027

Received:

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 9	% 71.5-13	4							
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 9	% 48.2-13	4							
Surrogate: 1-Chlorooctadecane	475 9	% 49.1-14	8							

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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

MODELO 10 FED COM 607 SPILL

Project Name: MOD 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	Analyze	d 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 9	% 71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121 9	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Name: MOD 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	Analyze	ed 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	% 71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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)

BTEX 8021B	mg,	'kg	Analyze	d 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 9	% 71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	132	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Name: 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	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	468	% 49 1-14	R						

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Celey D. Keine



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

05/18/2023 MODELO 10 FED COM 607 SPILL

Project Name: MOD 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	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 49.1-14	8						

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Celeg D. Freene



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

MODELO 10 FED COM 607 SPILL

Project Name: 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	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500CI-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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	124	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Name: 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	Analyze	d 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 9	% 71.5-13	4						
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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	131 9	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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	Analyze	d 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	% 71.5-13	4						
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	05/17/2023	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	128	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Name: 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 9	% 71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 9	% 49.1-14	8						

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Celey D. Keine



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

MODELO 10 FED COM 607 SPILL

Project Name: MOD 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	Analyze	ed 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	% 71.5-13	4						
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	05/17/2023	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 49.1-14	8						

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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	Analyze	d 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 9	71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102 9	% 49.1-14	8						

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C-04



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
 Sampli

 Reported:
 05/18/2023
 Sampli

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)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	a 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	547	% 49.1-14	8						

Applyzod By: 1H /

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Celeg D. Freene

C-04



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 (1.5') (H232469-25)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	ea By: JH/					5-04
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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	128	% 49.1-14	8						

Applyzod By: 1H /

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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

MODELO 10 FED COM 607 SPILL

Project Name: MOD 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)

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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

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Celey D. Keene



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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Name: MOD 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	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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Celeg D. Freene



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

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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Celey D. Keene

Chain of Custody

Work	Order	No:	H23246	21 of
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Phone:	432-813-68	323				State ZIP:		Mi	dland,	Tx 7970	6								ST/UST RRP Level N
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poler Custody Seals:	Ye	s No (N/A)	Thermometer II		16		ram	8021B	+	4	1 1								H₃PO₄: HP
imple Custody Seals:		s No N/A	Temperature R		1-0,	6c	Pa	BTEX	GRC	Chloride									NaHSO4: NABIS
otal Containers:		1	Corrected Temp	eading:	-1.			8	8015M (GRO	8									Na ₂ S ₂ O ₃ : NaSO ₃
Sample Identif	cation	Date	1000000	Ciature.	-3					1									Zn Acetate+NaOH: Zn
		Date	Time	Soil	Water	Grab/	# of	1	TH.										NaOH+Ascorbic Acid: SAPC
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S-1 (2')		5/16/2023		X		-	1	X	X	X								-	
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S-2 (0-1')		5/16/2023		X		G	1	X	X	Х						1		-	
S-2 (1.5')		5/16/2023		X		G	1	X	X	X						1		-	
S-2 (2')		5/16/2023		X			1	Х	X	X								_	
S-3 (0-1')		5/16/2023		X		G	1	X	Х	X								-	
S-3 (1.5')		5/16/2023		X		G	1	X	X	X								+	
S-3 (2')		5/16/2023			-	G	1	X	X	X							-	-	
ments: Email to I	Aiko Carre	no / 84	na@carmonare			G	1	X	X	X					-	1	-		

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	5/17/23 0905	Received by: (Signature)	Date/Time
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Chain of Custody

Work Order No: #23246

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Sample Identifica	ntion	Date	Time		1-0				TPH 8015M (GRO + DRO											Zn Acetate+NaOH: Zn	
S-4 (0-1')		E/40/0000	Time	Soil	Water	Grab/ Comp	# of Cont		Ē											NaOH+Ascorbic Acid: \$	SAPC
S-4 (1.5')		5/16/2023		X		G	1	-									-			Sample Comme	unto
S-4 (2')		5/16/2023		X		G	-	X	X	X					-	-	+	+	+	Cample Comme	ents
S-5 (0-1')		5/16/2023		X		G	1	X	X	X					+	+	+	+	+		
S-5 (2')	_	5/16/2023		X		G	1	X	X	X					-	-	+	+	-		
S-6 (0-1')		5/16/2023		X		G	1	X	X	X				\rightarrow	+	+	+	+	-		
S-6 (1.5')		5/16/2023		X			1	X	X	X				-	-	+	+	+	-		
S-7 (0-1')		5/16/2023		X		G	1	X	X	X				\rightarrow	-	+	+	-			
S-7 (1.5')		5/16/2023		X	-	G	1	X	X	X				+	+	+	-	-			
S-7 (2')		5/16/2023		X	-	G	1	X	X	X				+	-	-					
ments: Email to Mike		5/16/2023		X	-	G	1	X	X	X			-	+	-	-					
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Chain of Custody

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Sample Identif	fication	Date	Time			Grab/	4 - 1	-	TPH 8015M (GRO + DRO									Zn Acetate+NaO NaOH+Ascorbic	
S-8 (0-1	7)		Time	Soil	Water	Comp	# of Cont	1	=								1 1	THE THY ISCOIDIC	Acid. SAFC
S-8 (1.5	-	5/16/2023		X		G	1	X	X	Х	-	-	+					Sample C	omments
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	-	-	-						
		5/16/2023		X		G	1	X	X	X	-	-	-						
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S-9 (3')																			
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5/17/23 0905

Released to Imaging: 9/20/2023 12:41:02 PM

Date/Time



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/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Celey D. Keene

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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 - 1 (3.5') (H233097-01)

DTEV 0021D

BTEX 8021B	mg,	/kg	Analyze	d 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	99.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.4	% 49.1-14	8						

Analyzed By MC

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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)

BTEX 8021B	mg,	/kg	Analyze	ed 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	99.5	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	58.0	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

RTFY 8021R

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)

BIEX 8021B	mg	/ kg	Anaiyze	а ву: м5					
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.9	% 49.1-14	8						
0									

Applyzod By: MC

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Celey D. Keene



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

MODELO 10 FED COM 607 SPILL

Project Name: MOD 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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.4	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

mg/kg

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)

Project Name:

BTEX 8021B

	9/	9	7111411720						
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.1	% 49.1-14	8						

Analyzed By: MS

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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

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)

Project Name:

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
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	% 71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.3	% 49.1-14	8						

Applyzod By: MC

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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

EOG - LEA CO NM Project Location:

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	Analyze	d 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 5	% 71.5-13	4						
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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106 9	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Name: 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	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.4	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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)

BTEX 8021B	mg/	kg	Analyze	d 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 5	% 71.5-13	4						
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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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)

BTEX 8021B	mg/	kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.0	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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	Analyze	ed 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	% 71.5-13	4						
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	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.8	% 49.1-14	18						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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)

BTEX 8021B	mg/	/kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101 9	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d 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	Analyze	d 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 %	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

RTFY 8021R

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)

BIEX 8021B	тд/кд		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	% 71.5-13	4						
Chloride, SM4500Cl-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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110	% 49.1-14	8						

Applyzod By: MC

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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

MODELO 10 FED COM 607 SPILL

Project Name: MOD 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	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.2	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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	Analyze	d 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	% 71.5-13	4						
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	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	18						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

RTFY 8021R

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)

BIEX 8021B	mg	/ kg	Analyze	a 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	99.8	% 71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110	% 49.1-14	8						

Applyzod By: MC

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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)

BTEX 8021B	mg/	'kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	53.7	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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	Analyze	d 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	% 71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Celey D. Keene



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

MODELO 10 FED COM 607 SPILL

Project Name: MOD 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)

BTEX 8021B	mg/	кд	Analyze	d 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 9	% 71.5-13	4						
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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Name: MOD 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)

BTEX 8021B	mg	/kg	Analyze	ed 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	% 71.5-13	4						
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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.8	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

RTFY 8021R

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)

B1EX 8021B	mg,	/кд	Anaiyze	а ву: м5					
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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	% 49.1-14	8						

Applyzod By: MC

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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)

BTEX 8021B	mg/	kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102 9	% 49.1-14	8						

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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)

BTEX 8021B	mg/	'kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d 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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105 9	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Name: MOD 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	Analyze	ed 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	% 71.5-13	4						
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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.1	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Name: MOD 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)

RTFY 8021R

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	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.9	% 49.1-14	8						

Applyzod By: MC

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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	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.0	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Name: 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	Analyze	d 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 9	% 71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.8	% 49.1-14	8						

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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	Analyze	d 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 %	6 71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.1	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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	Analyze	d 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	% 71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	69.3	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Name: MOD Project Number: 2027

Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023

Sampling Type: Soil Sampling Condition: Coo

Sample Received By:

Cool & Intact Tamara Oldaker

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

BTEX 8021B	mg,	/kg	Analyze	ed 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	% 71.5-13	4						
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	3.64	
TPH 8015M	mg,	/kg	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.7	% 49.1-14	8						

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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)

BTEX 8021B	mg,	/kg	Analyze	d 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	106	% 71.5-13	4						
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	3.64	
TPH 8015M	mg,	/kg	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	61.6	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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)

BTEX 8021B	mg	/kg	Analyze	d 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 BTEX	<0.300	0.300	06/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117	% 49.1-14	8						

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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

06/16/2023 MODELO 10 FED COM 607 SPILL

Project Name: MOD 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)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	а ву: м5					
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	% 71.5-13	4						
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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110	% 49.1-14	8						

Applyzod By: MC

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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)

Analyte Result Reporting Limit Analyzed Method Blank BS Benzene* <0.050 0.050 06/15/2023 ND 2.41 Toluene* <0.050 0.050 06/15/2023 ND 2.38 Ethylbenzene* <0.050 0.050 06/15/2023 ND 2.32	% Recovery 120 119 116 117	True Value QC 2.00 2.00 2.00	RPD 1.96 3.09	Qualifier
Toluene* <0.050 0.050 06/15/2023 ND 2.38	119 116	2.00		
, , ,	116		3.09	
Ethylhenzene* <0.050 0.050 06/15/2023 ND 2.32		2.00		
213/10012010	117		3.10	
Total Xylenes* <0.150 0.150 06/15/2023 ND 7.03	11/	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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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)

BTEX 8021B	mg/	'kg	Analyze	d 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 9	% 71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.3	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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	Analyze	d 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 9	% 71.5-13	4						
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	0.00	
TPH 8015M	mg/	'kg	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

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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

06/16/2023 MODELO 10 FED COM 607 SPILL

Project Name: MOD 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)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	а ву: м5					
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	% 71.5-13	4						
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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

Applyzod By: MC

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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	Analyze	d 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 9	% 71.5-13	4						
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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 9	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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)

BTEX 8021B	mg/	'kg	Analyze	d 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 9	% 71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.4	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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	Analyze	ed 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	% 71.5-13	4						
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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.9	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Name: MOD
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	Analyze	ed 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	% 71.5-13	4						
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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.7	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Name: MOD
Project Number: 2027

Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023

Sampling Type: Soil Sampling Condition: Cool

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

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

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	4						
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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.3	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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	Analyze	d 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	% 71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.1	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Name: 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	Analyze	d 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 9	71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.5	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Name: MOD 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)

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.6	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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	Analyze	d 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 5	71.5-13	4						
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	Analyze	d 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 9	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	125	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Name: MOD
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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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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

06/16/2023 MODELO 10 FED COM 607 SPILL

Project Name: MOD 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	Analyze	ed 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	% 71.5-13	4						
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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Name: MOD
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	Analyze	d 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	% 71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.1	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Name: MOD 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)

BTEX 8021B	mg	/kg	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.0	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Name: 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)

BTEX 8021B	mg/	kg	Analyze	d 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 9	% 71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.4	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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)

Benzene* <0.050 0.050 06/16/2023 ND 2.15 108 2.00 0.120	BTEX 8021B	mg	/kg	Analyze	d By: MS					
Toluene* < 0.050	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
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 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 GRO C6-C10* <10.0 10.0 06/16/2023 ND 163 81.5 200 0.031 DRO >C10-C28* 33.2 10.0 06/16/2023 ND 170 85.1 200 0.165 EXT DRO >C28-C36 <10.0 10.0 06/16/2023 ND Surrogate: 1-Chlorooctane 95.4 % 48.2-134	Benzene*	<0.050	0.050	06/16/2023	ND	2.15	108	2.00	0.127	
Total Xylenes* <0.150	Toluene*	<0.050	0.050	06/16/2023	ND	2.40	120	2.00	0.0336	
Total BTEX	Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.32	116	2.00	1.03	
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 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 GRO C6-C10* <10.0	Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.99	116	6.00	1.00	
Chloride, SM4500Cl-B mg/kg Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS Recovery True Value QC RPD Met	Total BTEX	<0.300	0.300	06/16/2023	ND					
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD 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 GRO C6-C10* <10.0 10.0 06/16/2023 ND 163 81.5 200 0.031 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: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride 208 16.0 06/16/2023 ND 432 108 400 0.00 TPH 8015M mg/kg Analyzed By: MS MS Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0	Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
TPH 8015M mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0 10.0 06/16/2023 ND 163 81.5 200 0.031 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	Chloride	208	16.0	06/16/2023	ND	432	108	400	0.00	
GRO C6-C10* <10.0 10.0 06/16/2023 ND 163 81.5 200 0.031 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	TPH 8015M	mg,	/kg	Analyze	ed By: MS					
DRO >C10-C28* 33.2 10.0 06/16/2023 ND 170 85.1 200 0.16.2 EXT DRO >C28-C36 <10.0	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
EXT DRO >C28-C36 <10.0 10.0 06/16/2023 ND Surrogate: 1-Chlorooctane 95.4 % 48.2-134	GRO C6-C10*	<10.0	10.0	06/16/2023	ND	163	81.5	200	0.0313	
Surrogate: 1-Chlorooctane 95.4 % 48.2-134	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-Chlorooctadecane 101 % 49.1-148	Surrogate: 1-Chlorooctane	95.4	% 48.2-13	4						
	Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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Celey D. Keine



Cool & Intact

Tamara Oldaker

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

 06/15/2023
 Sampling Date:
 06/15/2023

 06/16/2023
 Sampling Type:
 Soil

Sampling Condition:

Sample Received By:

Project Name: MODELO 10 FED COM 607 SPILL Project Number: 2027

Project Location: EOG - LEA CO NM

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

BTEX 8021B

	91	9							
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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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	% 48.2-13	1						

Analyzed By: MS

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Celey D. Keine

Surrogate: 1-Chlorooctadecane

Celey D. Keene, Lab Director/Quality Manager

89.4 %

49.1-148



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

MODELO 10 FED COM 607 SPILL

Project Name: MOD 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)

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.8	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.3	% 49.1-14	18						

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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

MODELO 10 FED COM 607 SPILL

Project Name: MOD 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)

BTEX 8021B	mg	/kg	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	18						

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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

MODELO 10 FED COM 607 SPILL

Project Name: MOD 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	Analyze	d 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	% 71.5-13	4						
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	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	133	% 49.1-14	8						

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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 Sampling Type: MODELO 10 FED COM 607 SPILL Sampling Condition:

Project Name: Project Number: 2027

Project Location: EOG - LEA CO NM Sampling Date: 06/15/2023 Soil

Sample Received By:

Cool & Intact Tamara Oldaker

Sample ID: CS - 59 (3') (H233097-59)

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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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 5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

RTFY 8021R

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)

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
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	% 71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.9	% 49.1-14	8						

Applyzod By: MC

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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 Sampling Type: MODELO 10 FED COM 607 SPILL

Project Name: Project Number: 2027

Project Location: EOG - LEA CO NM Sampling Date: 06/15/2023

Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: CS - 61 (3') (H233097-61)

BTEX 8021B	mg/	kg	Analyze	d 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 9	6 71.5-13	4						
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	Analyze	d 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 9	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107 9	6 49.1-14	8						

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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 Sampling Type: Soil

Project Name: MODELO 10 FED COM 607 SPILL Project Number: 2027

Project Location: EOG - LEA CO NM Sampling Date: 06/15/2023

Sampling Condition:

Sample Received By:

Cool & Intact Tamara Oldaker

Sample ID: CS - 62 (3') (H233097-62)

BTEX 8021B	mg/	kg	Analyze	d 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 9	% 71.5-13	4						
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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	126	% 49.1-14	8						

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Celey D. Keene



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 Sampling Type: Soil

Project Name: MODELO 10 FED COM 607 SPILL Project Number: 2027

Project Location: EOG - LEA CO NM Sampling Date: 06/15/2023

Sampling Condition:

Sample Received By:

Cool & Intact Tamara Oldaker

Sample ID: CS - 63 (3') (H233097-63)

BTEX 8021B	mg/	'kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d 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	Analyze	d 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 5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115 9	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Name: MOD 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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.7	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Name: 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	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.9	% 49.1-14	8						

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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

06/16/2023 Sampling Type:
MODELO 10 FED COM 607 SPILL Sampling Condition:

Applyzod By: MC

Project Name: MODE Project Number: 2027

Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023 Sampling Type: Soil

Sample Received By:

Cool & Intact
Tamara Oldaker

Sample ID: CS - 66 (3') (H233097-66)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: м5					
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

RTFY 8021R

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)

BIEX 8021B	mg	/ kg	Anaiyze	а ву: м5					
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.9	% 49.1-14	8						

Applyzod By: MC

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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

MODELO 10 FED COM 607 SPILL

Project Name: MOD 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)

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Name: MOD 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)

BTEX 8021B	mg,	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.9	% 49.1-14	8						

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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

06/16/2023 Sa MODELO 10 FED COM 607 SPILL Sa

Project Number: 2027

Project Name:

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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115	% 49.1-14	8						

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



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 Sampling Type: MODELO 10 FED COM 607 SPILL Sampling Condition:

Project Name: Project Number: 2027

Project Location: EOG - LEA CO NM Sampling Date: 06/15/2023

Sample Received By:

Soil Cool & Intact

Tamara Oldaker

Sample ID: CS - 71 (3') (H233097-71)

BTEX 8021B	mg,	'kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.8	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Name: 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	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.1	% 49.1-14	8						

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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

06/16/2023 Sampling Type: Soil

Project Name: MODELO 10 FED COM 607 SPILL Project Number: 2027

Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023

Cool & Intact

Sample Received By: Tamara Oldaker

Sampling Condition:

Sample ID: CS - 73 (3') (H233097-73)

BTEX 8021B	mg,	/kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.6	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Name: MOD 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)

Benzene* <0.050 0.050 06/16/2023 ND 2.14 : Toluene* <0.050 0.050 06/16/2023 ND 2.20 : Ethylbenzene* <0.050 0.050 06/16/2023 ND 2.28 :	to Recovery True Value QC RPD Que 107 2.00 1.70 110 2.00 5.58
Toluene* <0.050 0.050 06/16/2023 ND 2.20 : Ethylbenzene* <0.050 0.050 06/16/2023 ND 2.28 : Total Xylenes* <0.150 0.150 06/16/2023 ND 6.69 : Total BTEX <0.300 0.300 06/16/2023 ND	110 2.00 5.58
Ethylbenzene* <0.050 0.050 06/16/2023 ND 2.28 : Total Xylenes* <0.150 0.150 06/16/2023 ND 6.69 : Total BTEX <0.300 0.300 06/16/2023 ND	
Total Xylenes* <0.150 0.150 06/16/2023 ND 6.69 Total BTEX <0.300 0.300 06/16/2023 ND	
Total BTEX <0.300 0.300 06/16/2023 ND	114 2.00 4.25
	112 6.00 3.69
Surrogate: 4-Bromofluorobenzene (PID 113 % 71.5-134	
Chloride, SM4500Cl-B mg/kg Analyzed By: AC	
Analyte Result Reporting Limit Analyzed Method Blank BS % R	Recovery True Value QC RPD Qu
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 % R	Recovery True Value QC RPD Qu
GRO C6-C10* <10.0 10.0 06/16/2023 ND 172 8	86.1 200 3.29
DRO >C10-C28* 13.2 10.0 06/16/2023 ND 159 7	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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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 9	% 71.5-13	4						
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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Name: MOD Project Number: 2027

Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023

Sampling Type: Soil Sampling Condition: Coo

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS - 76 (3') (H233097-76)

BTEX 8021B	mg	/kg	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Name: 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 5	% 71.5-13	4						
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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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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

06/16/2023 Sampling Type:
MODELO 10 FED COM 607 SPILL Sampling Condition:

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

Sample Received By:

Cool & Intact Tamara Oldaker

Sample ID: CS - 78 (3') (H233097-78)

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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.1	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Name: MOD 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	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	18						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Name: MOD 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)

BTEX 8021B	mg,	'kg	Analyze	ed 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 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	18						

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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

06/16/2023 Sampling Type:
MODELO 10 FED COM 607 SPILL Sampling Condition:

Applyzod By: 1H /

Project Name: MODE Project Number: 2027

Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023 Sampling Type: Soil

Sample Received By:

Cool & Intact
Tamara Oldaker

Sample ID: CS - 82 (3') (H233097-82)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

BTEX 8021B

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)

	9/	9	7	1 1 ,					
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 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.9	% 49.1-14	8						

Analyzed By: JH/

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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	Analyze	ed 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	% 71.5-13	14						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	14						
Surrogate: 1-Chlorooctadecane	89.0	% 49.1-14	18						

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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	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.0	% 49.1-14	18						

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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

MODELO 10 FED COM 607 SPILL

Project Name: MOD 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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.6	% 49.1-14	8						

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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

06/16/2023 MODELO 10 FED COM 607 SPILL

Project Name: MOD
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)

BTEX 8021B	mg,	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	128	% 49.1-14	18						
-									

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d 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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 9	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Name: 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)

BTEX 8021B	mg/	'kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Name: MOD 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)

BTEX 8021B	mg,	/kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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 5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118 9	% 49.1-14	18						

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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

*** 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

Samples not received at proper temperature of 6°C or below.

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Page 93 of 101 Work Order No: <u>#23369</u>

Project Manager:	Conn	er Moehr	ring			Bill to: (f different)		Jam	es Ker	nedv					7						of16
Company Name:	Carm	ona Res	ources				ny Name:			Reso					$\overline{}$						Comments	
Address:	310 V	Wall St	Ste 500			Address									-				T PRP	rov	wnfields RC	perfund
City, State ZIP:	Midla	nd, TX 79	9701			City, Sta					npions D				-	State						
Phone:	432-8	13-6823			Ema	il: James		v@enar			79706				-	Deliver					T/UST RRP	Level IV
Project Name:		Modelo	10 Fed Com	607 Spill			TYDITIO	Tue cogn	Caudi	JCS.U	JIII					Deliver	ables	EDD		ADaF	PT Other.	
Project Number:			2027	our opin	Routine	n Around	h	Pres,					Al	NALYSI	SREQ	UEST					Preserva	tive Codes
Project Location		Lea (County, New	Maxico	Due Date:	T		Code		-			-	-	-						None: NO	DI Water: H ₂ O
Sampler's Name:			FV	VICAICO	Due Date:	241	nours		1	6											Cool: Cool	MeOH: Me
0#:										MRO)			- 1		1						HCL: HC	HNO ₃ : HN
SAMPLE RECEI	т	Ten	np Blank:	Yes No	Wet Ice:	.Vac	No	Parameters		DRO +							- 1				H ₂ S0 ₄ : H ₂	NaOH: Na
Received Intact:		Ne	s No	Thermometer ID			3	ame	8021B	+	4500		- 1								H ₃ PO ₄ : HP	
Cooler Custody Seals	_	. Yes	No (N/A)	Correction Facto	r:		bé	Par	×	GRO	Chloride		- 1				- 1				NaHSO ₄ : NABIS	
Sample Custody Seals	S.:	Yes	No (N/A	Temperature Re	ading:	4	7 %		втех	N	S S	1		- 1							Na ₂ S ₂ O ₃ : NaSO ₃	
otal Containers:				Corrected Tempo	erature:	4	1°			8015M (Zn Acetate+NaO	
Sample Ident		on	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH H											NaOH+Ascorbic Sample C	
CS-1 (3	-		6/8/2023		Х		С	1	Х	Х	Х		+	_		-	-	-	+	+	1 2 2 3 2 2 2	
CS-2 (3.	-		6/8/2023		X		С	1	Х	Х	х		+				-	\rightarrow	+	+-		
CS-3 (3.			6/8/2023		Х		С	1	Х	Х	X		1				+	+	-	+		
CS-4 (3.	-		6/8/2023		X		С	1	Х	Х	X		+	_			+	+	+	+		
CS-5 (4	-		6/8/2023		X		С	1	Х	Х	X		+	_		-	+	-	+	+		
CS-6 (4			6/8/2023		X		С	1	Х	Х	X		+	+		-	-	-	-	+		
CS-7 (4			6/8/2023		X		С	1	х	Х	X	_	+	+	\vdash	-	+	+	+	+		
CS-8 (1.	5')		6/15/2023		X		С	1	х	Х	X		+	_		-	+	+	+	+		
CS-9 (1.			6/15/2023		Х		С	1	X	X	X	-	+	+		-	+	-	+	+		
CS-10 (1	.5')		6/15/2023		Х		С	4	X	X	X	_	-	-	-	_						

CS-1 (3.5')	6/8/2023	X	0		1		_	\rightarrow	\rightarrow	-	_	_						
CS-2 (3.5')	6/8/2023	X	C	1	X	X	Х											
CS-3 (3.5')	6/8/2023		С	1	X	Х	Х											
CS-4 (3.5')	6/8/2023	X	С	1	X	Х	X											
CS-5 (4')	6/8/2023	X	С	1	X	X	X											
CS-6 (4')		Х	С	1	X	Х	X											
CS-7 (4')	6/8/2023	X	С	1	X	Х	X											
	6/8/2023	X	C	1	X	X	X					\top					\rightarrow	
CS-8 (1.5')	6/15/2023	X	C	1	X	Х	X				\top		+			-	_	
00 0 /4 88					-		_		_	$\overline{}$	_	-	-	-				
CS-9 (1.5')	6/15/2023	X	C	1	X	X	X	- 1		- 1								
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Work Order No: H23309

Project Manager:	Conner Mo	ehring			Bill to:	if different)		Jan	nes Ker	nedv							- 11		0.570	Page2	of
Company Name:	Carmona F	Resources	-1			ny Name:			G Reso					-						omments	
Address:	310 W Wal	I St Ste 500			Address						n-			-				PRP []	rownfi	ields [RC	☐ per
City, State ZIP:	Midland, TX				City, Sta				9 Chan					$\overline{}$		of Projec					
Phone:	432-813-68	23		Emai		Kenned	lv@ena		land, To					-			_			ST RRP	Leve
Project Name:	Mod	delo 10 Fed Com	n 607 Spill		Around		Tureout	CSUUI	ces.cc	111			Vale			ables: E	DD [A	DaPT	☐ Other	:
Project Number:		2027	от орш	Routine	✓ Rus		Pres.		_			Al	VALYS	IS REC	UEST		_			Preserva	tive Co
Project Location	Le	ea County, New	Mexico	Due Date:	T		Code	-	+			-	+	+	+	_	_		N	lone: NO	DI Wat
Sampler's Name:		FV	WICKIGO	Due Date.	24	hours			6										C	cool: Cool	MeOH:
PO#:									MRO)										н	CL: HC	HNO ₃ :
SAMPLE RECE	IPT	Temp Blank:	Yes No	Wet Ice:	Yes	No	Parameters	l _	8						1 1				Н	2S04: H2	NaOH:
Received Intact:		Yes No	Thermometer ID:		11		am	BTEX 8021B	+	4500										3PO ₄ : HP	
Cooler Custody Seal	ustody Seals: Yes No tainers:	es No (N/A)	Correction Factor		-0	600	Par	EX 8	GRO	Chloride					1 1					aHSO₄: NABIS	
Sample Custody Sea	Custody Seals: Yes ontainers:	es No AN/A	Temperature Rea	ading:	14.	7:		E	W	Chic					1 1					a ₂ S ₂ O ₃ : NaSO	
Total Containers:	Custody Seals: Ye ontainers: Sample Identification		Corrected Tempe	erature:	4.	1:			8015M (GRO + DRO +											Acetate+NaC	
		Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH										IN	Sample C	
CS-11		6/15/2023		X		С	1	X	X	х		+	+	+	+	+	-	-	-	ommpie o	- Citilities
CS-12		6/15/2023		X		С	1	X	Х	X			+	+	+	-	+	-	-		
CS-13		6/15/2023		Х	, 1	С	1	X	Х	х			+	+	++	-	+	-	-		
CS-14		6/15/2023		Х		С	1	X	Х	X		-	+	+	-	_	+	-	+		
CS-15	-	6/15/2023		Х		С	1	Х	Х	X		+	+	+	-	-	+		+		
CS-16 (6/15/2023		X		С	1	Х	х	X		_	+	+		+	+	-	+		
CS-17 (1.5')	6/15/2023		Х		С	1	Х	х	X	-	+	+	+	-	+	+	-	+		
CS-18 (6/15/2023		Х		С	1	Х	X	X	-	+	-	+	-	+	+	-	-		
CS-19 (6/15/2023		X		С	1	Х	-	_	-		+	+	-	-	+-+		-		
CS-20 (1.5')	6/15/2023		Х		С	1			_	-+	-	+	+		-	+				
CS-19 (1.5') 1.5')	6/15/2023 6/15/2023	na@carmonare:	X	and Con	C	1	X	X	X	monare	esource	s.com								
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Released to Imaging: 9/20/2023 12:41:02 PM

Chain of Custody

Work Order No

Page 95 of

Sample Carmona Resources	Project Manager:	Conner	Moehring			Bill to:	(if different)	Jan	nes Ke	nnedy													3 of _
Address: 310 W Wall St Ste 500	Company Name:	Carmon	a Resources													\dashv		_).
City State Zip Midland, TX 79701 City State Zip Midland, Tx 79705 City State Zip Midland, Tx 79705 City State Zip Midland, Tx 79705 City	Address:	310 W \	Wall St Ste 500					0,					_		_	-	Progra	am: U	ST/PS	T PR	P D	rownfi	elds [t	RC Dpe
Phone:	City, State ZIP:	Midland	, TX 79701			100	3.000	-								-								
Project Name: Modelo 10 Fed Com 607 Spill Turn Around Project Name: Project Name: Project Location Les Courty, New Mexico Due Date: 24 hours Sampler's Name: FV PO #: Project Location Project Location Project Location Les Courty, New Mexico Due Date: 24 hours Project Location Project Location Project Location Les Courty, New Mexico Due Date: 24 hours Project Location Project Lo	Phone:	432-813	-6823		Ema			4.0				06				_					ım []ST/U	ST RE	RP Lev
Project Number: 2027 Routine Rush Pres. Code	Project Name:		Madala 40 F. 10		Cilia	ii. Janies	Kenne	eay@eogi	resou	rces.c	om						Deliver	rables	EDD		АГ	DaPT	□ o	her:
Project Location				n 607 Spill										ANAL	YSIS	REQL	JEST						Desar	
Sample received intact:		-			Routine	✓ Ru	sh											T		T	T	-	The state of the s	
SAMPLE RECEIPT Temp Blank: Yes No Wet Ice: Yes No Corrected Temperature Reading: H.7 E				Mexico	Due Date:	24	hours														+			DI Wa
Sample Content Temp Blank: Yes No Wet Ice: Ces No Thermometer ID: I/3 Sample Coustody Seals: Yes No N/A Temperature Reading: H.76 Total Containers: Corrected Temperature: H.76 Content Time Soil Water Content Water Content Water Content Content Content Water Wa			FV							80									- 1					
Sample Custody Seals: Yes No (N/A) Temperature Reading:		DT						2		+								- 1		- 1				
Na ₂ S ₂ O ₃ : NaSO ₃		PI		STATE OF THE PARTY		Yes	No	ete	<u>_</u>	1 %	8			1		4								NaOH:
Sample Custody Seals: Yes No (N/A) Temperature Reading:		2.				11	3	ran	802	1 0	6 48			1				- 1						Lio
CS-21 (1.5') 6/15/2023						1-0,	(ec	4	Ě	GR	loric	1	1		1 1				- 1	- 1				
CS-21 (1.5') 6/15/2023			TES NO (N/A)			14.	76	-	100	N N	5		1					- 1						
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CS-22 (1.5) 6/15/2023			Date	Time	Soil	Water				Ė														
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CS-23 (1.5') 6/15/2023			6/15/2023		X		С	1	-	-	_				-	-	-	+	-	-	_	_		
CS-24 (1.5') 6/15/2023			6/15/2023		Х		С	1	-	_	-					-	+	+	-	-		+		
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	CS-30 (1	.5')	6/15/2023					- 1	-					\rightarrow										
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Chain of Custody

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No The No N/A Com Com Com		Turn Routine Due Date: Wet Ice:	Address City, Sta James Around Rus	Kenne	Pres.	550 Midl	and, To	pions (ANA	LYSIS		State of Reportin Deliveral	Project	PST []P : 	RP [ST/US DaPT [Other:	DI Water:
701 10 Fed Com 607 2027 ounty, New Mexic FV D Blank: No No The No N/A Com Com	Yes No ermometer ID: rrection Factor: mperature Read	Turn Routine Due Date: Wet Ice:	Around Rus 24 I	Kenne	Pres. Code	550 Midl	9 Chan and, To ces.co	pions (ANA	LYSIS		State of Reportin Deliveral	Project: g:Level I	: IILeve	el III [DaPT D	Other: Preserval One: NO	Level IV
10 Fed Com 607 2027 ounty, New Mexic FV D Blank: No No The No NA Com No NA Tem Com	Yes No ermometer ID: rrection Factor: mperature Read	Turn Routine Due Date: Wet Ice:	Around Rus 24	Kenne	Pres. Code	Midl	and, Ta	79706		ANA	LYSIS		Reportin	g:Level I	Leve		DaPT [Other: Preserva	tive Codes
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No N/A Con Con	rrection Factor:				ete	l	8					- 1			1 1		H ₂	S0 ₄ : H ₂	NaOH: N
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Corr			-0		Par	×	380	ride			1 1		- 1		1 1		Na	HSO4: NABIS	
dy Seals: Yes No (N/A) Temp rs: Correct e Identification Date			4.			ET B	W	Chic			1 1						Na	2S2O3: NaSO3	
ly Seals: Yes No N/A Tempi rs: Correct			4.	1º			3015				1 1							Acetate+NaO	
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6/15/2023		Х		С	1	Х	Х	_	-	+	\vdash	_	_					Sample C	omment
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Chain of Custody

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City, State ZIP:	Midland, TX	79701			City, Stat										\dashv		e of Pro				_			
Phone:	432-813-682	23		Ema	il: James		v@eons			79706				-	\dashv							JST RR	P Le	vel IV
Project Name:	Mod	lelo 10 Fed Com	607 Spill			rtoinicu	yuzeogi	CSOUI	ces.co	OITI						Deliv	erables	s: EDI	В□	P	ADaPT	□ Ot	her:	
Project Number:		2027	1007 Opiii	Routine	rn Around Rush		Pres.	-	_				ANAL	YSIS	REQ	UEST						Prese	rvative C	odes
Project Location	le.	a County, New I	Mevico				Code	-	-	-											N	None: NO	DIW	
Sampler's Name:	20	FV	HICARCO	Due Date:	24 h	ours			6												c	Cool: Cool	MeOl	
PO#:				1				1	MRO)												н	HCL: HC	HNO	
SAMPLE RECEIP	PT T	Temp Blank:	Yes No	Wet Ice:	Yes	No	ters	_	+												Н	H ₂ SO ₄ : H ₂	NaOH	l: Na
Received Intact:		Yes No	Thermometer ID		1//3		Parameters	BTEX 8021B	TPH 8015M (GRO + DRO	4500											Н	I₃PO₄: HP		
Cooler Custody Seals:	ACCOUNT OF THE PARTY OF THE PAR	s No (N/A)	Correction Facto		-0.	62	Par	EX 8	GRO	Chloride												laHSO ₄ : NA		
Sample Custody Seals Total Containers:	s: Ye	s No N/A	Temperature Re		14.	7:		F8	SM (유					1							la ₂ S ₂ O ₃ : Na		
Total Containers.			Corrected Tempe	erature:	14	1ê			801								Ш					n Acetate+N aOH+Ascor		400
Sample Identi	tification	Date	Time	Soil	Water	Grab/	# of	1	TP.				- 1								14	BOTTASCO	DIC ACIO: S	APC
CS-41 (3	3')	6/15/2023		X	1/25/24	Comp	Cont															Sampl	e Comme	nts
		6/15/2023		X	-	C	1	X	Х	Х														
CS-43 (3	3')	6/15/2023		X	-	C	1	Х	Х	Х														
CS-44 (3	3')	6/15/2023		X		C	1	X	X	X		-						-						
CS-45 (3	3')	6/15/2023		Х		C	1	X	X	X	-	-	-	-										
CS-46 (3	3')	6/15/2023		Х		C	1	X	X	X	-	\rightarrow	\rightarrow	-										
CS-42 (3 CS-43 (3 CS-45 (3 CS-46 (3 CS-47 (3 CS-48 (3) CS-49 (3)	3')	6/15/2023		X	\vdash	C	1	X	X	X	-	+	-	-	-		_							
CS-48 (3	-	6/15/2023		Х	1	C	1	x	X	X	-	+	+	-	-	-	\rightarrow		1					
CS-49 (3°		6/15/2023		Х		С	1	X	X	X	-	+	+	-	-	-	_							
CS-50 (3'	3')	6/15/2023		Х		C	1	X	X	x	-	-	-	-	\rightarrow	-	-	-						

5 Dr 06	ANAL	LYSIS RE	Stat Rep Deli	te of Pro porting:Le verables		PRP	□ro	Preservative Code
Dr Dr	ANAL	YSIS RE	Stat Rep Deli	te of Pro porting:Le verables	oject: evel II 🗌	Level III	ıı ⊡s	ST/UST RRP Level
	ANAI	YSIS RE	Rep	orting:Le	evel II			Preservative Code
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	ANAL	YSIS RE	EQUEST			T	I	The Control of the Control
						1		The Control of the Control
								None: NO DI Water
								Cool: Cool MeOH: N
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		HEX 8021B BTEX 8021B Parameters (GRO + DRO						H ₃ PO ₄ : HP
				1 1		- 1		NaHSO ₄ : NABIS
		1 1						Na ₂ S ₂ O ₃ : NaSO ₃
								Zn Acetate+NaOH; Zn
								NaOH+Ascorbic Acid: SAP(
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	Carmona R	esources				ny Name:			es Ker						4 1						Comments		
Address:	310 W Wal				Address				Reso						- P	rogran	n: UST/	PST [PRP	rov	vnfields RC	perfund	
City, State ZIP:	Midland, TX	79701			City, Sta			100		pions D)r			_	- 1		Projec			_			
Phone:	432-813-68	23		Ema	il: James		dv@ss=			79706												Level IV	
Project Name:	Mod	lelo 10 Fed Con	0 607 Ceill		X		J (weod)	esour	ces.co	om						eliveral	oles: E	DD [1	ADaF	PT Other.		
Project Number:	14100	2027	1 OU/ SPIII		n Around		Pres.		-			-	ANAL	YSIS R	EQUE	ST					Preservative	Codes	
Project Location	10		Mauian	Routine	✓ Rus		Code														The state of the s	Water: H	
Sampler's Name:	Le	a County, New FV	IVIEXICO	Due Date:	24	hours			-									-				eOH; Me	
00#:		1.4		-					MRO												CONTRACT.	NO ₃ : HN	
SAMPLE RECEI	PT	Temp Blank:	Yes No	Wet Ice:	1	1	ters		0													aOH: Na	
eceived Intact:		(es) No	Thermometer ID		1/3	No	Parameters	BTEX 8021B	+ DR	Chloride 4500											H₃PO₄: HP		
ooler Custody Seals:		s No (N/A)	Correction Factor			6c	Pari	1 × 8	88	ride				- 1			ш			NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃			
ample Custody Seals	s: Ye	s No MA	Temperature Re	ading:	14	7c		B 8	M (왕				- 1									
otal Containers:			Corrected Temp	erature:	4	1:			8015M (GRO + DRO + MRO)		- 1										Zn Acetate+NaOH: 2		
Sample Ident		Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH 8												NaOH+Ascorbic Acid		
CS-61 (6/15/2023		X		C	1	Х	Х	X	-	-	-	-		+	-				Sample Com	ments	
CS-62 (3		6/15/2023		Х		C	1	X	X	x	-	-	-	-	-	+	-	-					
CS-63 (3		6/15/2023		Х		С	1	X	X	X	-	-	-	-	-	_	+	-					
CS-64 (3		6/15/2023		Х		С	1	X	X	x	-	\rightarrow	\dashv	-	+	+	-	-					
CS-65 (3		6/15/2023		Х		С	1	X	X	X	-	+	-	-	-	+	+	-			-		
CS-66 (3	-	6/15/2023		X		С	1	X	X	X	+	+	+	+	+	+	+						
CS-67 (3	-	6/15/2023		Х		С	1	X	X	X	-	+	-	+	-	+	-						
CS-68 (3		6/15/2023		Х		С	1	X	X	X	+	+	+	+	+	+	-						
CS-69 (3		6/15/2023		Х		С	1	X	X	X	+	+	+	+	+	+	+						
CS-70 (3		6/15/2023	na@carmonare	Х		С	1	x	x	x	-	-	+	+	+	+	-						

Address: 310 City, State ZIP: Mic	o W Wall St Ste 500 dland, TX 79701			Bill to: (if			Jam											1811	0-4-				
City, State ZIP: Mic					w Nama				inedy					- I	_		-			er Comments			
	dland, TX 79701			Address	7 T T T T T			Reso										PRP	Pro	wnfields RC perfund			
Phone: 432				City, Sta					pions D					- 1		Projec			_				
	2-813-6823		Fma	il: James		w@ooa			79706		_									ST/UST RRP Level IV			
Project Name:	Modelo 10 Fed Con	- CO7 C-111			Kermeu	yweogi	esour	ces.co	<u>m</u>						elivera	bles: E	DD [ADa	APT Other:			
Project Number:	2027	1607 Spill		n Around		Pres.	-	_			A	NALY	SIS R	EQUE	ST					Preservative Codes			
Project Location		Marria	Routine	✓ Rusi		Code		-												None: NO DI Water: H			
Sampler's Name:	Lea County, New FV	IVIEXICO	Due Date:	24 h	nours	-		·												Cool: Cool MeOH: Me			
0#:	1.4					1		+ MRO)										1		HCL: HC HNO ₃ : HN			
SAMPLE RECEIPT	Temp Blank:	Yes (No	Wet Ice:	1 4/	344	ters		0												H ₂ SO ₄ : H ₂ NaOH: Na			
eceived Intact:	(es) No	Thermometer ID		O'es		Parameters	1218	+ DR	4500							1				H₃PO₄: HP			
ooler Custody Seals:	Yes No (N/A)	Correction Factor		-0.	-	Para	BTEX 8021B	SRO .	ride											NaHSO ₄ : NABIS			
ample Custody Seals:	Yes No N/A	Temperature Re	ading:	4	7°		BTE	W (S	Chloride											Na ₂ S ₂ O ₃ : NaSO ₃			
otal Containers:		Corrected Temp	erature:	H.				3015												Zn Acetate+NaOH: Zn			
Sample Identifica	ation Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH 8015M (GRO + DRO												NaOH+Ascorbic Acid: SAPC			
CS-71 (3')	6/15/2023		X		С	1	Х	Х	_	-	+	-	-	1	-	\perp	_			Sample Comments			
CS-72 (3')	6/15/2023		Х		С	1	X	X	X	-	-	-	+	_	\perp	\perp							
CS-73 (3')	6/15/2023		X		С	1	X	X	X	-	+	+	+	\perp	1	\perp	_						
CS-74 (3')	6/15/2023		Х		C	1	X	X	x	-	+	+	-	+	_	\perp	-						
CS-75 (3')	6/15/2023		Х		C	1	X	X	X	-	+	-	-	+	+	1	-						
CS-76 (3')	6/15/2023	7	Х		C	1	X	X	x	-	+	+	+	+	+	-	-	_		11			
CS-77 (3')	6/15/2023		X		C	1	X	X	X	-	+	+	+	+	1	-	-	-					
CS-78 (3')	6/15/2023		Х		C	1	X	X	X	-	+	+	+	+	-	1							
CS-79 (3')	6/15/2023		X		C	1	X	X	X		+	+	-	-	-	-	-	-					
CS-80 (3')	6/15/2023		X		C	1	X	X	x	-	+	+	+	-	-	-	-						

Chain of Custody

Work Order No: <u>H 23 3097</u>

	Conner	Moehr	ing			Bill to:	(if different)		Jan	es Ke	nedy									THE RESERVE AND ADDRESS OF THE PARTY OF THE	of16
Company Name:	Carmon	na Res	ources				ny Name:									-	_			ler Comments	
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roject Location		Lea	County, New	Mavina	10 TO			Code	-	-	\vdash									None: NO	DI Water: H
ampler's Name:		LUG	FV FV	WIEXICO	Due Date:	24	hours			1 2										Cool: Cool	MeOH: Me
0#:					-				1	MRO)	1 1							1 1		HCL: HC	HNO ₃ : HN
AMPLE RECEIF	PT	Ten	p Blank:	Yes No	Wet Ice:	Yes) No	Parameters	l	+							1	1 1		H ₂ S0 ₄ : H ₂	NaOH: Na
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ooler Custody Seals:		Yes	No (N/A)	Correction Fact	or:		6c	Par	BTEX 8021B	380	Chloride			1 1				1 1		NaHSO ₄ : NABIS	
ample Custody Seals	s:	Yes	No (N/A)	Temperature R	eading:	4	7c		E	W	방			1/1				1 1		Na ₂ S ₂ O ₃ : NaSO	
otal Containers:			,	Corrected Temp	perature:	1 4	16			TPH 8015M (GRO + DRO				1 1				1 1		Zn Acetate+NaC	
Sample Identi	ification		Date	Time	Soil	Water	Grab/ Comp	# of Cont		TH										NaOH+Ascorbic Sample C	
CS-81 (3')		6/15/2023		X		С	1	Х	X	x	-	+	+	-	-	-			Sample	omments
CS-82 (3	3')		6/15/2023		X		С	1	X	X	X	-	+	+ +	+	-		\vdash			
CS-83 (3	-		6/15/2023		X		С	1	X	X	X	-	+	+	-	+	-	\vdash	_		
CS-84 (3	3')		6/15/2023		X		С	1	X	X	X	+	+	+	-	+		\vdash	-		
CS-85 (3	3')		6/15/2023		X		С	1	Х	Х	X	-	-	+	_	+			_		
CS-86 (3			6/15/2023		X		С	1	Х	X	X	+	+	+	-	-			-		
CS-87 (3			6/15/2023		X		С	1	X	Х	X	+	+	+ +	-	-		-	-		
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CS-90 (3	')		6/15/2023		X		С	1	х		_	+	+	+	+	-			-		
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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/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Celey D. Keene

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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 - 91 (3') (H233098-01)

BTEX 8021B	mg/	kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d 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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.0	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

RTFY 8021R

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)

B1EX 8021B	mg	/ kg	Anaiyze	ea 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

Applyzod By: 1H /

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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 - 93 (3') (H233098-03)

BTEX 8021B	mg	/kg	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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 :	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	18						

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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

EOG - LEA CO NM Project Location:

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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115 9	% 49.1-14	18						

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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

MODELO 10 FED COM 607 SPILL

Project Name: 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	Analyze	d 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 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108 9	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.4	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Name: MOD 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)

BTEX 8021B	mg,	/kg	Analyze	d 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	110 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Name: MOD
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	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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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

06/16/2023 MODELO 10 FED COM 607 SPILL

Project Name: MOD
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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	130	% 49.1-14	18						

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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

MODELO 10 FED COM 607 SPILL

Project Name: MOD
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)

Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD 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 5.75 95.8 6.00 3.30 Chloride, SM4500Cl-B mg/kg Analyzed By: AC Chloride, SM4500Cl-B 112 16.0 06/16/2023 ND 432 108 400 3.64 Chloride 112 16.0 06/16/2023 ND 432 108 400 3.64 TPH 8015M <td ro<="" th=""><th>BTEX 8021B</th><th>mg</th><th>/kg</th><th>Analyze</th><th>d By: MS</th><th></th><th></th><th></th><th></th><th></th></td>	<th>BTEX 8021B</th> <th>mg</th> <th>/kg</th> <th>Analyze</th> <th>d By: MS</th> <th></th> <th></th> <th></th> <th></th> <th></th>	BTEX 8021B	mg	/kg	Analyze	d By: MS					
Toluene* <0.050	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
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 5.75 95.8 6.00 3.30 Surrogate: 4-Bromofluorobenzene (PID 108 % 71.5-134 Chloride, SM4500Cl-B mg/s Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Analyzed By: MS Chloride 112 16.0 06/16/2023 ND 432 108 400 3.64 TPH 8015M mg/s Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD BRO > C6-C10*	Benzene*	<0.050	0.050	06/16/2023	ND	1.63	81.5	2.00	24.3		
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/ky Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Chloride 112 16.0 06/16/2023 ND 432 108 400 3.64 TPH 8015M mg/ky Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD 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-Chloroctane 78.9 % 48.2-134	Toluene*	<0.050	0.050	06/16/2023	ND	1.78	88.8	2.00	9.80		
Total BTEX <0.300 0.300 06/16/2023 ND Surrogate: 4-Bromofluorobenzene (PID 108 % 71.5-134 Chloride, SM4500Cl-B mg/ky Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Chloride 112 16.0 06/16/2023 ND 432 108 400 3.64 TPH 8015M mg/ky Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0	Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.88	94.0	2.00	3.35		
Surrogate: 4-Bromofluorobenzene (PID 108 % 71.5-134 Chloride, SM4500Cl-B mg/kg Analyzed Method Blank BS % Recovery True Value QC RPD 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 GRO C6-C10* <10.0	Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.75	95.8	6.00	3.30		
Chloride, SM4500Cl-B mg/kg Analyzed By: AC Method Blank BS % Recovery True Value QC RPD 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 GRO C6-C10* <10.0	Total BTEX	<0.300	0.300	06/16/2023	ND						
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD 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 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: 4-Bromofluorobenzene (PID	108	% 71.5-13	4							
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 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 **	Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC						
TPH 8015M mg/kg Analyzed by: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD 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	Chloride	112	16.0	06/16/2023	ND	432	108	400	3.64		
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	TPH 8015M	mg,	/kg	Analyze	d By: MS						
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 ND Surrogate: 1-Chlorooctane 78.9 % 48.2-134	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
EXT DRO >C28-C36 95.2 10.0 06/16/2023 ND Surrogate: 1-Chlorooctane 78.9 % 48.2-134	GRO C6-C10*	<10.0	10.0	06/16/2023	ND	181	90.7	200	8.77		
Surrogate: 1-Chlorooctane 78.9 % 48.2-134	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-Chlorooctadecane 81.5 % 49.1-148	Surrogate: 1-Chlorooctane	78.9	% 48.2-13	4							
	Surrogate: 1-Chlorooctadecane	81.5	% 49.1-14	8							

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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)

BTEX 8021B	mg,	/kg	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.4	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.3	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Name: MOD 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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Name: MOD
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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.5	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

RTFY 8021R

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)

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 49.1-14	8						

Applyzod By: MC

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Celey D. Keine



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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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)

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	122	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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)

BTEX 8021B	mg,	'kg	Analyze	d 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	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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 9	% 71.5-13	4						
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	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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115 9	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Name: MOD 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	Analyze	ed 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	% 71.5-13	4						
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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

RTFY 8021R

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)

B1EX 8021B	mg	/кд	Anaiyze	а ву: м5					
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	% 71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114	% 49.1-14	8						

Applyzod By: MC

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Celey D. Keene



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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

EOG - LEA CO NM Project Location:

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	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d 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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116 9	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Name: MOD 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)

RTFY 8021R

B1EX 8021B	mg/	ky	Allalyze	а ву: мѕ					
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	% 71.5-13	4						
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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	122 9	% 49.1-14	8						

Applyzod By: MC

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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	Analyze	d 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	% 71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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)

BTEX 8021B	mg/	kg	Analyze	d 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	104 9	71.5-13	4						
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	Analyze	d 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 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	128 9	6 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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)

BTEX 8021B	mg/	kg	Analyze	d 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	104 %	6 71.5-13	4						
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	Analyze	d 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 %	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	135 %	6 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

RTFY 8021R

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)

B1EX 8021B	mg/	кg	Апануге	а ву: мѕ					
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 9	% 71.5-13	4						
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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	124 9	% 49.1-14	8						

Applyzod By: MC

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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

06/16/2023 Sampling Type: Soil

Project Name: MODELO 10 FED COM 607 SPILL Project Number: 2027

Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023

Sampling Condition:

Sample Received By:

Cool & Intact Tamara Oldaker

Sample ID: SW - 14 (1.5') (H233098-30)

RTFY 8021R

B1EX 8021B	mg/	ку	Allalyze	а ву: мѕ					
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 9	% 71.5-13	4						
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	Analyze	d 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 %	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	135 9	% 49.1-14	8						

Applyzod By: MC

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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)

BTEX 8021B	mg/	kg	Analyze	d 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	104 %	6 71.5-13	4						
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	Analyze	d 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 %	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	138 %	6 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Name: Project Number: 2027

Project Location: EOG - LEA CO NM Sampling Date: 06/15/2023

Sampling Type: Sampling Condition:

Sample Received By:

Cool & Intact Tamara Oldaker

Soil

Sample ID: SW - 16 (1.5') (H233098-32)

BTEX 8021B	mg/	kg	Analyze	d 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 %	6 71.5-13	4						
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	Analyze	d 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 %	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	136 %	6 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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	Analyze	d 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 %	6 71.5-13	4						
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	Analyze	d 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 %	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	129 %	6 49.1-14	8						

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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

06/16/2023 MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

RTFY 8021R

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)

B1EX 8021B	mg/	кg	Allalyze	а ву: м5					
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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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	Analyze	d 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 %	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	133 9	% 49.1-14	8						

Applyzod By: MC

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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

MODELO 10 FED COM 607 SPILL

Project Name: MOD 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)

RTFY 8021R

B1EX 8021B	mg/	ку	Allalyze	а ву: мѕ					
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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	130 9	% 49.1-14	8						

Applyzod By: MC

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

RTFY 8021R

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)

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	132	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

RTFY 8021R

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)

B1EX 8021B	mg/	ку	Allalyze	а ву: мѕ					
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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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	Analyze	d 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 5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	129	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

RTFY 8021R

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)

B1EX 8021B	mg/	кg	Allalyze	а ву: мѕ					
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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123 9	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

RTFY 8021R

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)

B1EX 8021B	mg/	кg	Allalyze	а ву: мѕ					
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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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	Analyze	d 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 5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	127	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	125 9	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Name: MOD 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)

RTFY 8021R

B1EX 8021B	mg,	кg	Anaiyze	а ву: мѕ					
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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	143	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Name: MOD 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)

RTFY 8021R

B1EX 8021B	mg/	ky	Allalyze	а ву: мѕ					
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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	132 9	% 49.1-14	8						

Applyzod By: MC

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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

MODELO 10 FED COM 607 SPILL

Project Name: 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	Analyze	d 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 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 %	6 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Name: MOD 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)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: м5					
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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	125	% 49.1-14	8						

Applyzod By: MC

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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)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
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 BTEX	<0.300	0.300	06/16/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	143	% 49.1-14	8						

Applyzod By: MC

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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

MODELO 10 FED COM 607 SPILL

Project Name: MOD 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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	131	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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)

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Name: 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	Analyze	d 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 9	% 71.5-13	4						
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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106 9	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Name: MOD Project Number: 2027

Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023

Sampling Type: Soil
Sampling Condition: Cool

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 33 (3') (H233098-49)

RTFY 8021R

BIEX 8021B	mg,	^и кд	Anaiyze	а ву: м5					
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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	139	% 49.1-14	8						

Applyzod By: MC

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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

MODELO 10 FED COM 607 SPILL

Project Name: MOD 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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	138	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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 - 35 (3') (H233098-51)

BTEX 8021B	mg/	'kg	Analyze	d 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 9	% 71.5-13	4						
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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116 9	% 49.1-14	8						

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Celey D. Keene



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

MODELO 10 FED COM 607 SPILL

Project Name: MOD 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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	134	% 49.1-14	8						

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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

06/16/2023 Sampling Type: MODELO 10 FED COM 607 SPILL Sampling Condit

Project Name: MODELO 10 Project Number: 2027

Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023

ampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 37 (3') (H233098-53)

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	128	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Name: MOD 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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Name: MOD Project Number: 2027

Project Location: EOG - LEA CO NM

Sampling Date: 06/15/2023

Sampling Type: Soil Sampling Condition: Cool

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 39 (3') (H233098-55)

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	128	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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)

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	136	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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)

BTEX 8021B	mg/	kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d 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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	137 9	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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)

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	133	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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)

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	136	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Name: MOD
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)

BTEX 8021B	mg	/kg	Analyze	d 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	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	135	% 49.1-14	8						

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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)

BTEX 8021B	mg/	kg	Analyze	d 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 9	71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyze	d 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	Analyze	d 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 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	133 9	6 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Name: MOD 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)

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	135	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	131	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Name: 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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d 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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	127 9	% 49.1-14	8						

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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

MODELO 10 FED COM 607 SPILL

Project Number: 2027

Project Name:

RTFY 8021R

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)

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	142	% 49.1-14	8						

Applyzod By: MC

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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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Address: 3 City, State ZIP: M Phone: 4		ources			Company	Name:		EOG	Resou	ces					Progra	m: US	ST/PST	PRE	Prov	wnfields RC	perfund
City, State ZIP: N	310 W Wall S	t Ste 500			Address:			5509	Chami	ions Dr					State o				_	_	
Phone: 4	Midland, TX 7	100			City, Stat	e ZIP:			nd, Tx						Reporti	ing:Le	vel II	Level	III 🗆s	T/UST RRP	Level IV
	432-813-6823			Ema	I: James		@eogre	•							Deliver	ables:	EDD		ADal	PT Other:	
			207.0 11																	1	
Project Name:	Model	o 10 Fed Com	607 Spill	Routine	Around Rust		Pres.					ANA	ALYSIS	REQ	UEST					Preservati	
Project Number:	-	2027					Code		-	-	-	+	+	-		\rightarrow	-	+	-	None: NO	DI Water: H ₂ C
Project Location	Lea	County, New I	Mexico	Due Date:	24 h	ours			6											Cool: Cool	MeOH: Me
Sampler's Name: PO #:		FV		-					MRO)											HCL: HC H ₂ S0 ₄ : H ₂	HNO ₃ : HN NaOH: Na
SAMPLE RECEIP	от т.	mp Blank:	Yes No	Wet Ice:	Yes	No	ters	_	RO +											H ₃ PO ₄ : HP	NaOn. Na
Received Intact:		es) No	Thermometer ID		1/2		Parameters	BTEX 8021B	+	Chloride 4500										NaHSO ₄ : NABIS	
Cooler Custody Seals:		No NA	Correction Factor		-0.0	7 2	Par	EX 8	GRO	oride										Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals			Temperature Re		14,	78		B	SM (E G										Zn Acetate+NaOl	d: Zn
Total Containers:			Corrected Temp	erature:	14	4.10			TPH 8015M (GRO + DRO +											NaOH+Ascorbic	Acid: SAPC
Sample Identi	tification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		ТРН											Sample C	omments
CS-91 (3	3')	6/15/2023		Х		С	1	Х	Х	X					\Box						
CS-92 (3	(3')	6/15/2023		Х		С	1	Х	Х	Х											
	(3')	6/15/2023		X		С	1	Х	Х	X											
CS-93 (3				X		С	1	Х	Х	X											
CS-93 (3 CS-94 (3	3')	6/15/2023														-	-				
		6/15/2023		X		C	1	X	Х	X											
CS-94 (3	3')	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				C	1	X	X	X						-		+			
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CS-94 (3 CS-95 (3 CS-96 (3	(3') (3') (3')	6/15/2023 6/15/2023		X		С		Х	Х	Х											
CS-94 (3 CS-95 (3 CS-96 (3 CS-97 (3	3') 3') 3') 3')	6/15/2023 6/15/2023 6/15/2023		X X X		C	1	X	X	X											

Chain of Custody

Work Order No: <u>H233098</u>

Company Name:	Conner Moeh	ring			Bill to: (if	different)		Jame	s Ken	nedy								Wo	ork Ord	der C	omments	
	Carmona Res	sources			Compan	y Name:		EOG	Resou	irces					Progra	am: U	ST/PS	т 🗀 РЕ	RP D	rown	fields R	perfund
ddress:	310 W Wall S	t Ste 500			Address:			5509	Cham	pions Dr					State	of Pro	ject:					
City, State ZIP:	Midland, TX 7	9701			City, Star	te ZIP:		Midla	nd, Tx	79706					Report	ting:Le	evel II	Leve	el III []st/l	JST RR	Level IV
	432-813-6823	3		Emai	I: James		@eogr	sourc	ces.co	m					Delive	rables	: EDD		A	DaPT	□ Oth	er:
	Made	- 40 Fed Com	007 C-III				888	T				ANI	AL VOIC	BEOL	IEST						Donne	unthus Condon
roject Name:	Mode	lo 10 Fed Com 2027	607 Spill	Routine	n Around	h	Pres.				T	AN	ALYSIS	REQU	JEST				T			vative Codes
roject Number:					T	-	Code	-	-	\vdash	-	-	+	+	\vdash	-			\rightarrow		None: NO	DI Water: H ₂
roject Location	Lea	County, New N	Nexico	Due Date:	241	ours			6								1			- 1	Cool: Cool	MeOH: Me
ampler's Name: O#:		FV		-				1	MRO)											- 1	HCL: HC	HNO ₃ : HN NaOH: Na
AMPLE RECEI	DT T	- Dii	V 10	Wet Ice:	16	1	ters		9	。							1				H ₂ S0 ₄ : H ₂	NaOH. Na
Received Intact:		emp Blank:	Yes No		Yes No		Parameters	021B	4	4500										- 1	H ₃ PO ₄ : HP	DIC
cooler Custody Seals		No (N/A)	Correction Fact		-	6°	Par	BTEX 8021B	SRO SRO	Chloride										- 1	NaHSO ₄ : NA Na ₂ S ₂ O ₃ : Na	
ample Custody Sea		No NA	Temperature R			7°		BTB	N N	망				1						- 1	Zn Acetate+l	A comme
otal Containers:	100	110	Corrected Tem		14				8015											- 1		bic Acid: SAPC
Sample Iden	ntification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH 8015M (GRO + DRO											1	Sampl	e Comments
CS-101	(3')	6/15/2023		X		C	1	X	X	X	_	_	_									
CS-102		6/15/2023		X		С	1	X	X	X	1	\neg										
CS-103		6/15/2023		Х		С	1	X	X	Х												
CS-104	(3')	6/15/2023		X		С	1	X	X	Х												
CS-105	(3')	6/15/2023		X		С	1	X	X	Х		\neg										
CS-106	3 (3')	6/15/2023		X	1	С	1	X	Х	Х												
SW-1 (3.5')	6/15/2023		Х		С	1	X	X	Х												
SW-2 (3.5')	6/15/2023		Х		С	1	X	X	Х												
SW-3 (3.5')	6/15/2023		X		С	1	X	Х	Х												
	3.5')	6/15/2023		X		С	1	X	X	X		_	_	_						\rightarrow		

Received by OCD: 6/26/2023 1:22:57 PM Seceived 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: <u>H233098</u>

Project Manager:	Conner Moel	hring			Bill to: (if	different)		Jame	s Kenr	nedy								V	Vork (Order	Comments	
Company Name:	Carmona Re	sources			Compan	y Name:		EOG	Resou	irces						rogran	n: UST	PST	PRP	row	nfields RC	perfund
Address:	310 W Wall 8	St Ste 500			Address			5509	Cham	pions D	r					State of	Projec	et:				
City, State ZIP:	Midland, TX	79701			City, Sta	te ZIP:		Midla	nd, Tx	79706					F	Reportir	g:Leve	III 🗆 Le	evel III	□st	/UST RRP	Level IV
Phone:	432-813-682	3		Emai	I: James	Kenned	v@eogr	esourc	es.co	m						Delivera	bles: E	DD []	ADaP	T Other	ri .
Project Name:	Mode	elo 10 Fed Com	607 Spill	Tur	n Around							A	NAL	YSIS F	REQUI	ST					Preserv	ative Codes
Project Number:		2027		Routine	✓ Rus	h	Pres. Code														None: NO	DI Water:
Project Location	Lea	County, New N	/lexico	Due Date:	24 h	nours															Cool: Cool	MeOH: M
Sampler's Name:		FV							TPH 8015M (GRO + DRO + MRO)												HCL: HC	HNO3: HN
PO #:							2	1	+										1		H ₂ S0 ₄ : H ₂	NaOH: Na
SAMPLE RECE	IPT T	emp Blank:	Yes (No)	Wet Ice:	Yes) No	Parameters	18	DRC	200											H ₃ PO ₄ : HP	
Received Intact:		(es No	Thermometer ID	:	11/		Iran	BTEX 8021B	÷	Chloride 4500						- 1					NaHSO ₄ : NABI	IS
Cooler Custody Sea	ils: Ye	s No N/A	Correction Facto	or:		60	4	EX	GR	loric											Na ₂ S ₂ O ₃ : NaSO	03
Sample Custody Sea	als: Ye	s No N/A	Temperature Re	ading:	4	7c		0	15M	5											Zn Acetate+Na	OH: Zn
Total Containers:			Corrected Temp	erature:	14.	1c			1 80												NaOH+Ascorbi	ic Acid: SAP
Sample Ide	entification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		Į.												Sample	Comments
SW-5	(3.5')	6/15/2023		Х		С	1	Х	X	Х												
SW-6	(0.5')	6/15/2023		X		С	1	Х	X	Х												
SW-7	7 (4')	6/15/2023		Х		С	1	X	Х	Х												
SW-8	3 (4')	6/15/2023		Х		С	1	X	Х	X												
SW-9	9 (4')	6/15/2023		Х		С	1	X	Х	Х												
SW-1	0 (4')	6/15/2023		×		С	1	X	Х	Х						-						
SW-11	(2.5')	6/15/2023		Х		С	1	X	Х	Х												
SW-12	(1.5')	6/15/2023		Х		С	1	Х	Х	Х												
SW-13	3 (1.5')	6/15/2023		X		С	1	X	Х	Х												
SW-14	(1.5')	6/15/2023		Х		С	1	X	Х	Х												
Comments: Ema		mona / Mcarmo		esources.cor	n and Co	nner Mo		/ Cmo		g@car	mona	resour	rces.c	1	Receiv	ed by:	(Signa	trire)	11			Date/Tim
~	1. 1	AND THE RESERVE TO SERVE THE RESERVE TO SERVE THE RESERVE THE RESE	y, (Signature)				1. 10	7		-2		1	11	11	///	60 by.	(Signa	die	1/2	1	100	Date/Time
a al	van L	Targas					10-13	-6	2/	500)	-	14	M	10	a	4	la	190			
		-							- 8											7		

Chain of Custody

Work Order No: <u>H233098</u>

Project Manager:	Conner Mo	pehring			Bill to: (if	different)		Jame	es Kenr	nedy					-11				Work (Order	Comments	
Company Name:	Carmona F	Resources			Compan	y Name:		EOG	Resou	irces						Progra	m: US			_	nfields k	
Address:	310 W Wa	II St Ste 500			Address	:		5509	Cham	pions D	г				7	State o	f Proje	ct:		3		
City, State ZIP:	Midland, T.	X 79701			City, Sta	te ZIP:				79706					7 1	Reporti	ng:Lev	el II 🔲 L	evel III	□st	T/UST RE	RP Level IV
Phone:	432-813-6			Email:		Kenned	v@eogr								-	Deliver	ables:	EDD [ADaP	т 🗆 О	ther:
Project Name:	Mo	delo 10 Fed Com	607 Spill	Turn	Around							-	ANAL	YSIS	REQU	EST					Presc	rvative Codes
Project Number:		2027		Routine	✓ Rus	h	Pres. Code										T			T	None: NO	DI Water:
Project Location	1	ea County, New M	/lexico	Due Date:	24 1	nours	-									\neg					Cool: Cool	MeOH: Me
Sampler's Name:		FV	NOXIGO	Duo Duto.		iouio			MRO)												HCL: HC	HNO ₃ : HN
PO#:		* 1		1			90		¥									- 1			H ₂ S0 ₄ : H ₂	NaOH: Na
SAMPLE RECE	IPT	Temp Blank:	Yes No	Wet Ice:	Yes	No	Parameters	m	TPH 8015M (GRO + DRO	8											H ₃ PO ₄ : HP	
Received Intact:		Yes No	Thermometer ID		11-		E	BTEX 8021B	+	Chloride 4500											NaHSO ₄ : NA	ABIS
Cooler Custody Sea	als:	Yes No N/A	Correction Facto	ir.	-0.	lec	Ра	EX	GRO	orid							. 1				Na ₂ S ₂ O ₃ : Na	
Sample Custody Se	als:	Yes No N/A	Temperature Re	ading:		7 i		E	5M (5											Zn Acetate+	
Total Containers:			Corrected Temp	erature:	4	1/è			801			1 1		1							NaOH+Asc	orbic Acid: SAPC
Sample Ide	entification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		ТРН												Samp	le Comments
SW-15	5 (1.5')	6/15/2023		Х		С	1	X	X	Х						1						
SW-16	6 (1.5')	6/15/2023		Х		С	1	X	X	Х												
SW-17	(1.5')	6/15/2023		Х		С	1	X	X	Х						\neg						
SW-18	3 (2.5')	6/15/2023		Х		С	1	X	Х	Х							_					
SW-19	(2.5')	6/15/2023		Х		С	1	X	X	Х						\rightarrow	\neg					
SW-2	0 (1')	6/15/2023		Х		С	1	X	Х	Х							\neg					
SW-21	(1.5')	6/15/2023		X		С	1	X	Х	Х						\neg	\perp		+			
SW-22		6/15/2023		×		С	1	X	X	X						\neg	\neg					
SW-23	3 (1.5')	6/15/2023		×		С	1	X	Х	X							\top	_				
SW-24	(1.5')	6/15/2023		Х		С	1	X	Х	Х						\neg		+	_	+		
Comments: Ema	il to Mike C	armona / Mcarmo	ona@carmonar	esources.com	and Co	nnet Mo	ehring	/ Cmo	ehrin	g@car	mona	resou	rces,	1								
# al	lian -	Relinquished b	by: (Signature)				6-1	Date/		150)		1/1	ul	Receiv	ed by:	(Signa	ature)	A	XX.	9	Date/Time
		0															-	-	1	-		

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Address: City, State ZIP:		ring			Bill to: (if	different)		Jame	s Kenr	edy								W	ork O	rder	Comments			
City, State ZIP:	Carmona Res	ources			Company	y Name:		EOG	Resou	rces					Pr	ogram:	UST/P	ST D	PRP [row	nfields RC	perfund		
	310 W Wall S	t Ste 500			Address:			5509	Cham	oions Di					St	ate of P	roject:							
	Midland, TX 7	9701			City, Stat	te ZIP:		Midland, Tx 79706								Reporting:Level II Level III ST/UST RRP Level IV								
Phone:	432-813-6823			Emai	l: James		@eogre	esourc	es.co	m					De	eliverable	s: ED	D 🗌	-	ADaP	T Other:			
Project Name:	Model	o 10 Fed Com	607 Spill	Tur	n Around							A	NALY	SIS RE	QUE	ST					Preservativ	ve Codes		
Project Number:		2027		Routine	✓ Rush	h	Pres. Code														None: NO	DI Water: H ₂ C		
Project Location	Lea	County, New N	Mexico	Due Date:	24 h	nours															Cool: Cool	MeOH: Me		
Sampler's Name:		FV						1	+ MRO)									18				HNO ₃ : HN		
PO#:							و	1	+												H ₂ S0 ₄ : H ₂	NaOH: Na		
SAMPLE RECEI	PT Te	mp Blank:	Yes No	Wet Ice:	Yes	No	Parameters	<u>_</u>	DRO	000											H ₃ PO ₄ : HP			
Received Intact:	4	es No	Thermometer ID		110	5	ıraıı	BTEX 8021B	0	Chloride 4500											NaHSO ₄ : NABIS			
Cooler Custody Seals	s: Yes	No (N/A)	Correction Factor	or:	-0.	lec	4	¥	GR	loric	.										Na ₂ S ₂ O ₃ : NaSO ₃	6		
Sample Custody Seal	ils: Yes	No (N/A)	Temperature Re		4	7é		m	15M	ō											Zn Acetate+NaOH	ł: Zn		
Total Containers:		-	Corrected Temp	erature:	14	/c	1 8 H 8 H 8 H								NaOH+Ascorbic A	cid: SAPC								
Sample Iden	ntification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		F												Sample Co	mments		
SW-25 ((1.5')	6/15/2023		X		С	1	Х	Х	Х														
SW-26 ((1.5')	6/15/2023		Х		С	1	X	Х	X														
SW-27 ((1.5')	6/15/2023		X		С	1	X	X	Х														
SW-28 ((1.5')	6/15/2023		X		С	1	Х	X	Х														
SW-29 ((1.5')	6/15/2023		X		С	1	X	X	X														
SW-30 ((1.5')	6/15/2023		X		С	1	X	X	X														
SW-31	(2')	6/15/2023		X		С	1	X	X	X														
0111	(1.5')	6/15/2023		Х		С	1	Х	Х	Х	-				-1									
SW-32 ((3')	6/15/2023		X		С	1	X	X	X														
SW-32 (SW-33	(3')	6/15/2023		X	_	C	1	X	X	Х							1							

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Chain of Custody

Work Order No: <u>H2330 98</u>

	Conner Moeh	ring			Bill to: (if	different)		Jame	s Kenn	edy					_				Wo	ork Or	rder (comments		
ddress:	Carmona Res	sources			Company	y Name:		EOG	Resou	rces						Progr	am: U	ST/PS	т ПРЕ	RP [rown	fields 📑	RC 🖸	perfund
	310 W Wall S	St Ste 500			Address:			5509	Champ	oions D	r					State	of Pro	oject:						
ity, State ZIP:	Midland, TX 7	9701			City, Stat	te ZIP:		Midla	nd, Tx	79706						Repor	ting:L	evel II	Leve	el III [□st/	UST RE	RP DL	evel IV
hone:	432-813-6823	3		Emai	il: James	Kennedy	y@eogre	esourc	es.co	m						Delive	rables	EDE		A	ADaP1	0	ther:	
roject Name:	Mode	lo 10 Fed Com	607 Spill	Tur	n Around							A	ANAL	YSIS F	REQU	EST						Prese	rvative	Codes
roject Number:		2027		Routine	✓ Rusi	h	Pres. Code															None: NO		Water: H ₂
roject Location	Lea	County, New N	lexico	Due Date:	24 h	ours																Cool: Cool	Me	OH: Me
ampler's Name:		FV						1	MRO)													HCL: HC		O ₃ : HN
O#:							و		+													H ₂ S0 ₄ : H ₂	Na	OH: Na
AMPLE RECEIP	PT Te	emp Blank:	Yes (No)	Wet Ice:	Yes		Parameters	8	TPH 8015M (GRO + DRO	4500												H₃PO₄: HP		
eceived Intact:	6	Yes No	Thermometer ID):	TT.		aran	BTEX 8021B	0													NaHSO ₄ : N	ABIS	
ooler Custody Seals:	: Yes	No N/A	Correction Factor	or.	7	60	0	Ĭ,	(GR	Chloride												Na ₂ S ₂ O ₃ : N	aSO ₃	
ample Custody Seals	s: Yes	No MA	Temperature Re			76		"	15M	ō					- 1							Zn Acetate		
otal Containers:			Corrected Temp	perature:	141	10		1	Н 80													NaOH+Asc	orbic Acid	: SAPC
Sample Ident	tification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		T T													Samp	le Com	ments
SW-35 ((3')	6/15/2023		Х		С	1	X	Х	Х														
SW-36 ((3')	6/15/2023		X		С	1	X	X	Х														
SW-37 ((3')	6/15/2023		X		С	1	X	X	Х														
SW-38 ((3')	6/15/2023		Х		С	1	X	X	Х														
SW-39 ((3')	6/15/2023		Х		С	1	X	X	Х														
SW-40 ((3')	6/15/2023		Х		С	-1	X	X	Х														
SW-41 ((3')	6/15/2023		X		С	1	X	X	Х														
SW-42 ((3')	6/15/2023		Х		С	1	X	X	X														
SW-43 (, ,	6/15/2023		Х		С	1	X	Х	Х														
SW-44 ((3')	6/15/2023		X		С	1	X	X	X														

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Chain of Custody

		+								. 44						_							Page _	_16	of16_	
Project Manager:	Conne	er Moehri	ng			Bill to: (if	different)		Jame	s Kenr	nerly									Wo	ork Or	rder C	Comments			
Company Name:	Carmo	ona Reso	urces			Company	y Name:		EOG	Resou	rces						Progra	am: U	ST/PS	T DPF	RP [rown	fields R	c [perfund	
Address:	310 W	/ Wall St	Ste 500			Address:			5509	Cham	pions D	r				State of Project:										
City, State ZIP:	Midlar	nd, TX 79	701			City, Stat	te ZIP:		Midla	nd, Tx	79706						Reporting:Level II Level III ST/UST RRP Level IV									
Phone:		13-6823			Email:			/@eogre	esour	ces.co	m						Delive	rables	EDD		A	ADaPT	r 🗆 Ot	her:		
Project Name:		Modelo	10 Fed Com	607 Spill	Turn	Around							А	NAL	YSIS I	REQL	EST						Prese	rvative	Codes	
Project Number:			2027		Routine	✓ Rusi	h	Pres. Code															None: NO	D	Water: H	20
Project Location		Lea	County, New N	Mexico	Due Date:	24 h	nours																Cool: Cool	М	eOH: Me	
Sampler's Name:			FV							MRO)													HCL: HC	Н	NO ₃ : HN	
PO#:								2		+													H ₂ S0 ₄ : H ₂	N	aOH: Na	
SAMPLE RECEI	PT	Ten	p Blank:	Yes Mo	Wet Ice:	Yes	No	Parameters	18	DRG	200												H₃PO₄: HP			
Received Intact:		(Ye	No No	Thermometer ID	2	16	3	aran	BTEX 8021B	o to	Chloride 4500												NaHSO ₄ : NA	ABIS		
Cooler Custody Seal:	S:	Yes		Correction Factor	or:	-0,	loc	à	¥	GB (GR	lori		Ξ										Na ₂ S ₂ O ₃ : Na	SO ₃		
Sample Custody Sea	ls:	Yes	No N/A	Temperature Re		4,	70		"	15M	0												Zn Acetate+			
Total Containers:				Corrected Temp	erature:	4/6				TPH 8015M (GRO + DRO +											NaOH+Asco	rbic Aci	d: SAPC			
Sample Ider	tification	on	Date	Time	Soil	Water	Grab/ Comp	# of Cont		₽													Samp	le Con	nments	
SW-45	(3')		6/15/2023		Х		С	1	X	X	Х															
SW-46	(3')		6/15/2023		X		С	1	X	X	Х															
SW-47	(3')		6/15/2023		×		С	1	Х	X	Х															
SW-48	(3')		6/15/2023		X		С	1	X	X	Х															
SW-49	(3')		6/15/2023		Х		С	1	Х	Х	Х															
									-	-				-				-	-	\dashv	\dashv					-
														= 11												
																1.0										
Comments: Emai	I to Mi	ke Carmo	ona / Mcarmo	na@carmona	esources.com	and Co	nner Mo	ehring	/ Cmc	ehrin	g@ca	rmona	resour	ces.c	com											
		F	Relinquished b	y: (Signature)					Date/	Time		۸	/	1		Rece	ved by	/ (Sig	nature	1) /	/			Date	e/Time	
Fal	ian	-0	argas					le-13	5-2	3 /	SOL		14	elle	10	4g	16	la	Res	K	Sa					
			0																		/					

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

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

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

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

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

CONDITIONS

Action 232836

CONDITIONS

Operator:	OGRID:
EOG RESOURCES INC	7377
P.O. Box 2267	Action Number:
Midland, TX 79702	232836
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By		Condition Date
nvelez	None	9/20/2023