

SITE INFORMATION

Closure Report
Merciless 13 Fed Com #508H
Lea County, New Mexico
Unit B Sec 13 T25S R32E
Incident #: NAPP2228547127
32.136623°, -103.626102°

Produced Water Release

Point of Release: Unauthorized Release from a Truck

Release Date: 07/12/2022

Volume Released: >5 barrels of Produced Water Volume Recovered: 0 barrels of Produced Water

CARMONA RESOURCES

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

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



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310 West Wall Street, Suite 415 Midland TX, 79701 432.813.1992 October 12, 2022

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

Re: Closure Report

Merciless 13 Fed Com #508H

EOG Resources, Inc

Site Location: Unit B, S13, T25S, R32E (Lat 32.136623°, Long -103.626102°)

Lea County, New Mexico

To whom it may concern:

On behalf of EOG Resources Inc. (EOG), Carmona Resources, LLC has prepared this letter to document site assessment activities for the Merciless 13 Fed Com #508H. The site is located at 32.136515°, -103.626218° within Unit B, S13, T25S, R32E, and in Lea County, New Mexico (Figures 1 and 2).

1.0 Site information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on July 12, 2022, caused by an unauthorized release from a truck. The release was originally internally reported as three (3) barrels; after assessment, the release was approximated to be greater than five (5) barrels. There were zero (0) barrels recovered. The initial C-141 form is attached in Appendix C. See Figure 3, sheets 1-5.

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 monitoring well is within a 0.50-mile radius of the location. The nearest identified well is located approximately 1.56 miles Northeast of the site in S05, T25S, R33E, and was drilled in 1948. The well has a reported depth to groundwater of 90' feet below the ground surface (ft bgs). A copy of the associated Summary Report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

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



4.0 Site Assessment Activities

Initial Assessment/Trenches

On July 20, 2022, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of thirty-three (33) trenches (T-1 through T-33) and twenty-four (24) horizontal sample points (H-1 through H-24) were installed to total depths ranging from surface to 2.0 ft below the surface. Soil samples were collected and submitted to the laboratory 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 appendix E. The sample locations are shown in Figure 3.

All areas were delineated vertically and horizontally. Refer to Table 1.

5.0 Remediation Activities

Carmona Resources personnel was onsite to oversee excavation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via email on August 5, 2022, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The areas of T-1, T-3, T-6, and T-33 were excavated to a depth of 1.5' below the surface. A total of eighteen (18) confirmation floor samples were collected (CS-1 through CS-18), and twenty-six (26) sidewall samples (SW-1 through SW-26) 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, sheets 1-4.

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

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 260 cubic yards of material were excavated and transported offsite for proper disposal.

6.0 Conclusions

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

Sincerely,

Carmona Resources, LLC

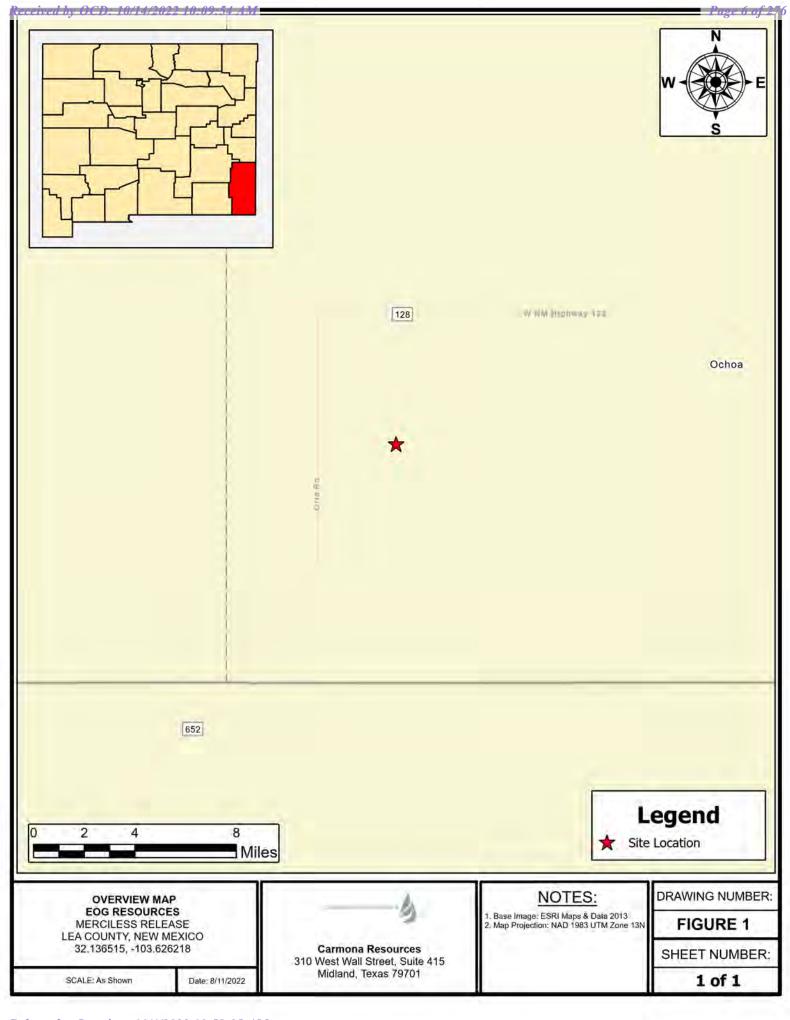
Mike Carmona

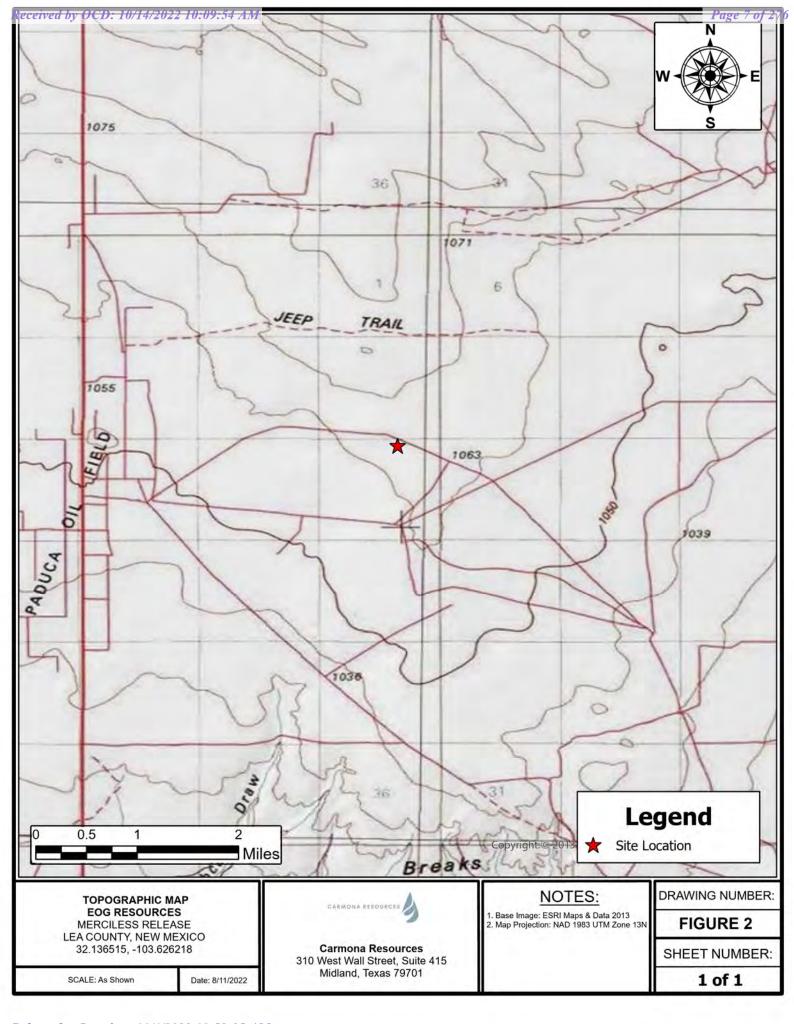
Environmental Manager

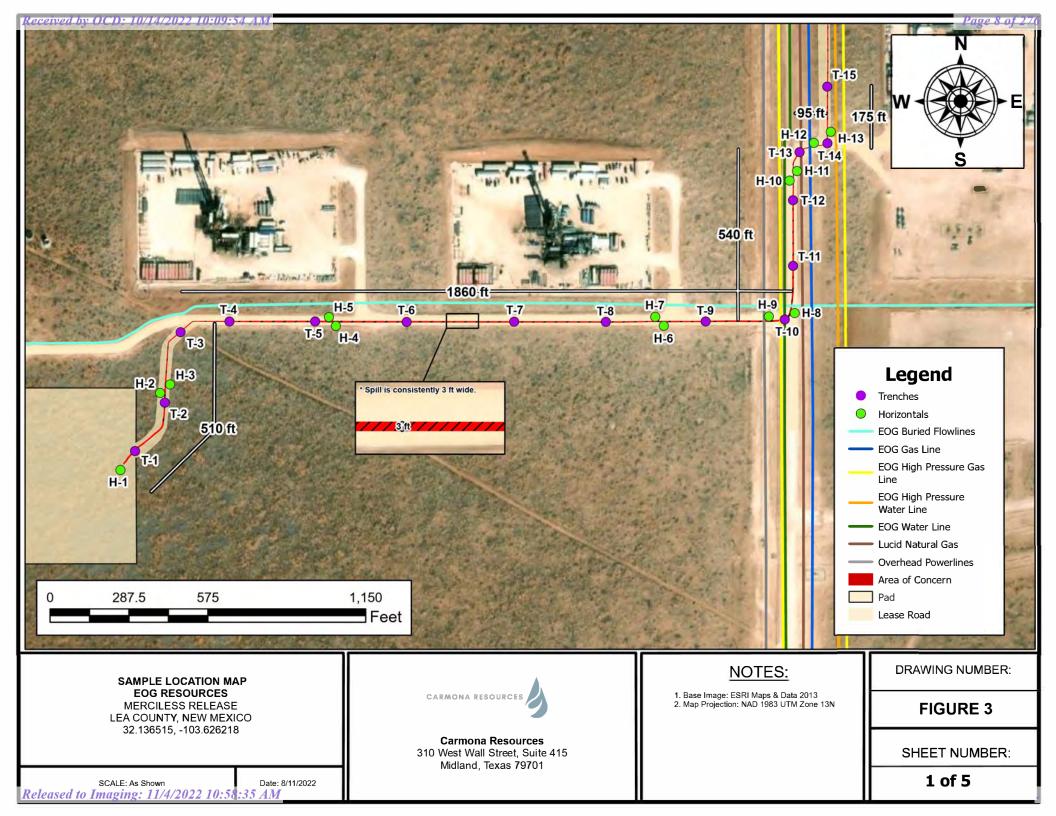
Conner Moehring Sr. Project Manager

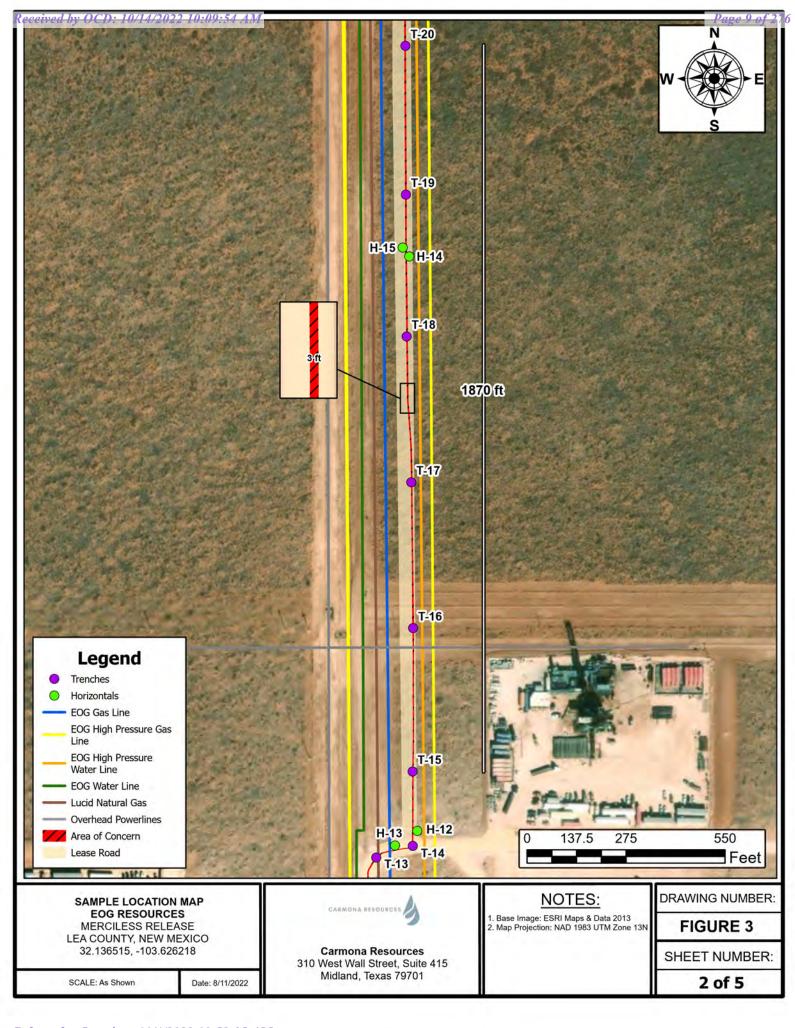
FIGURES

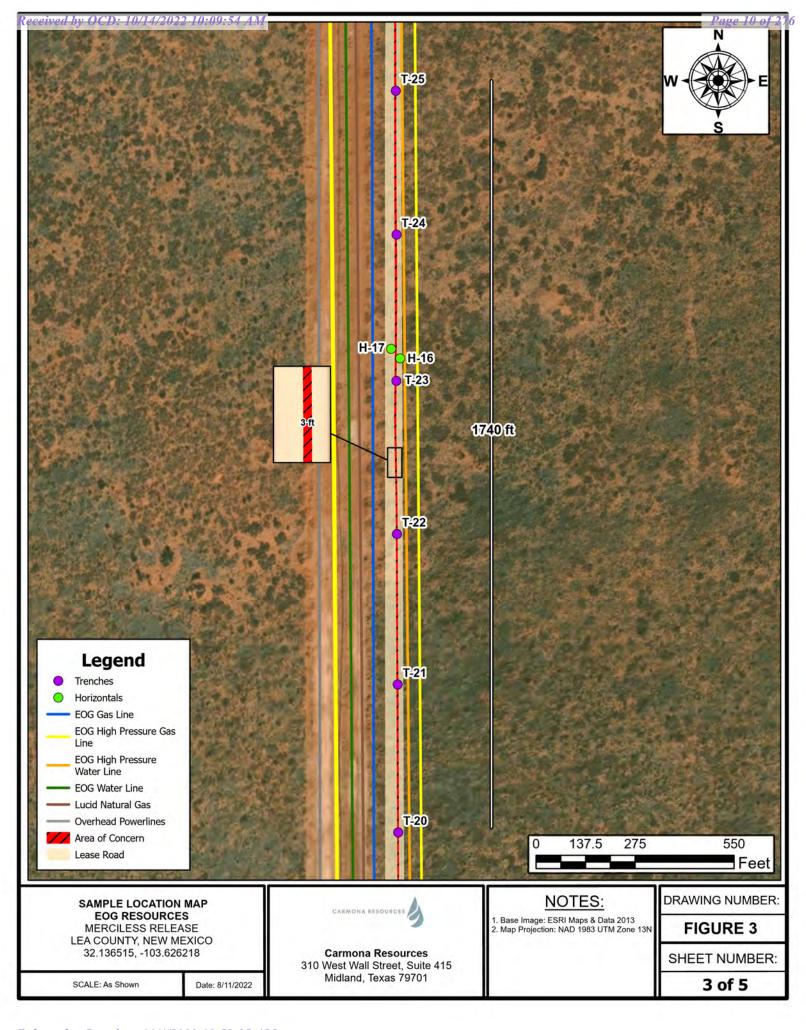
CARMONA RESOURCES

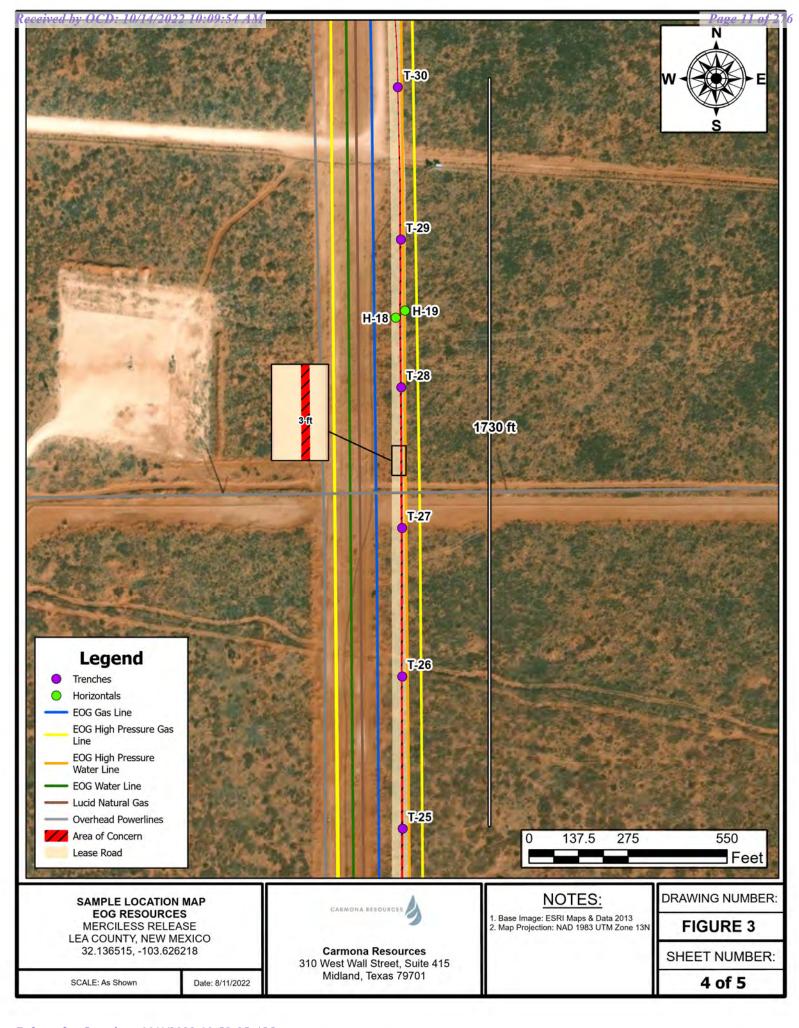


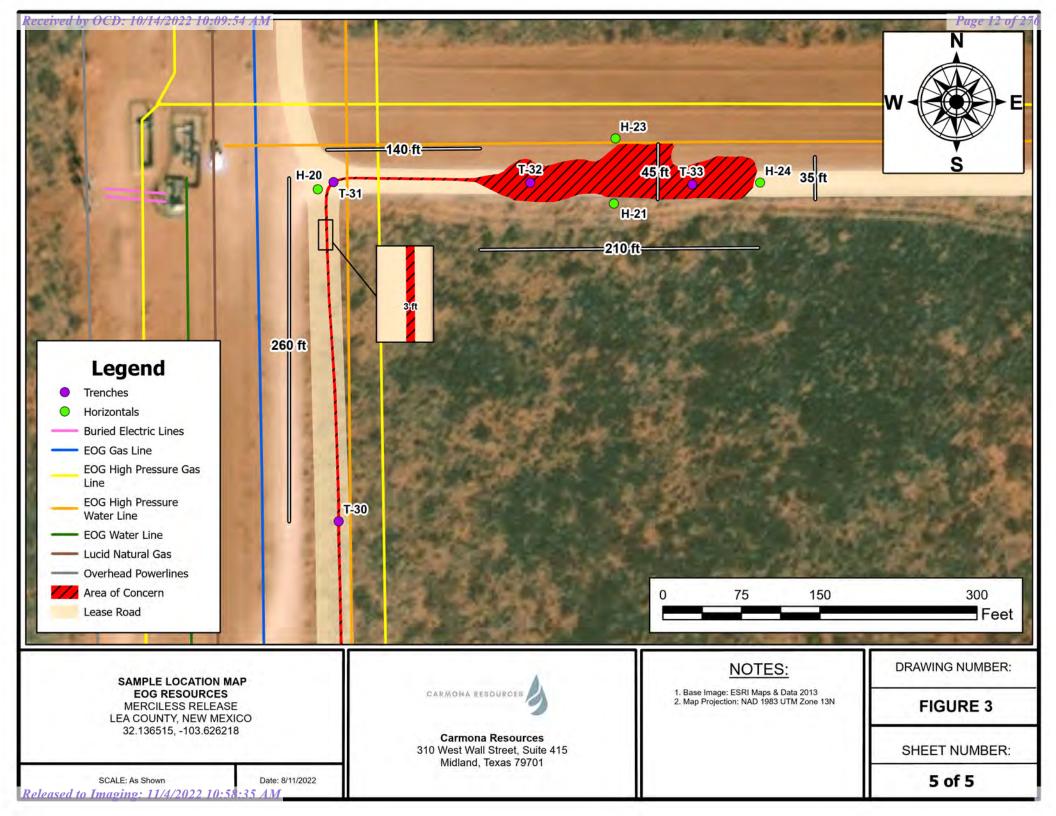


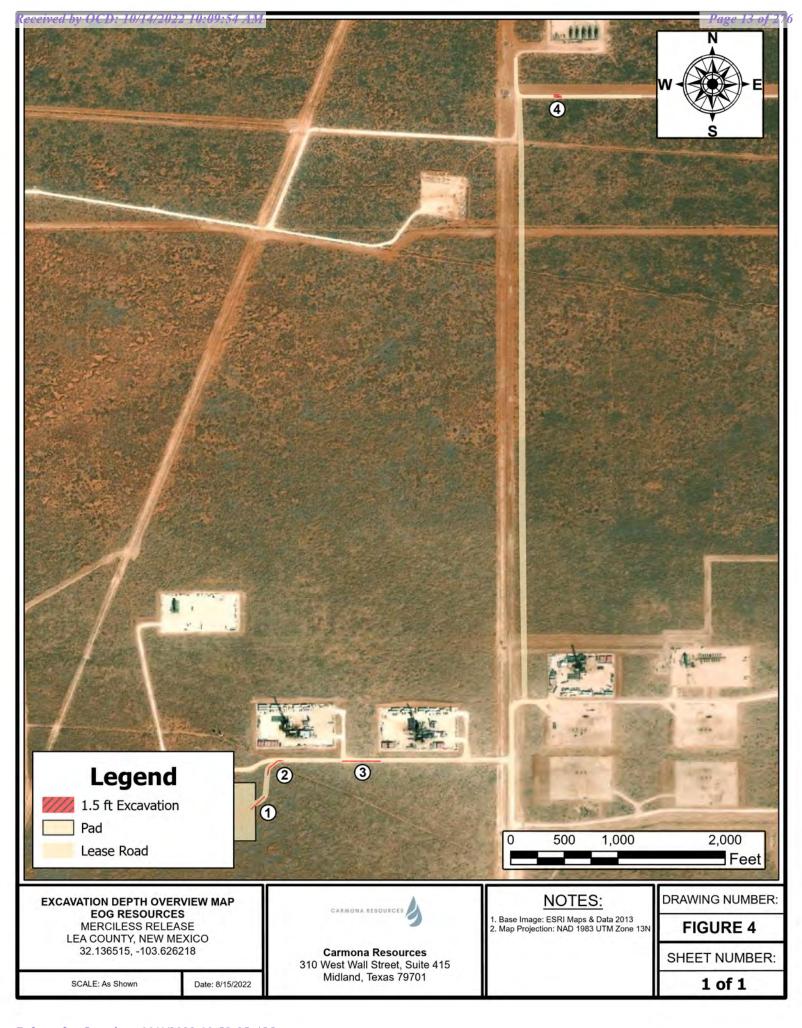


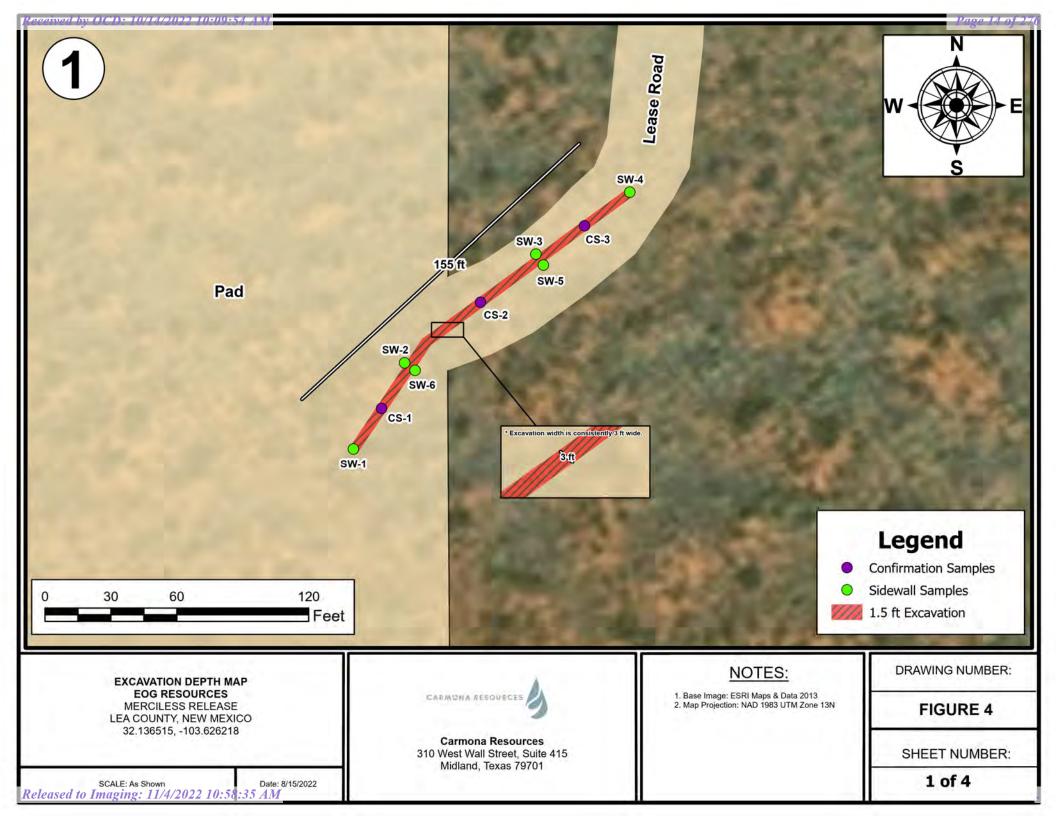


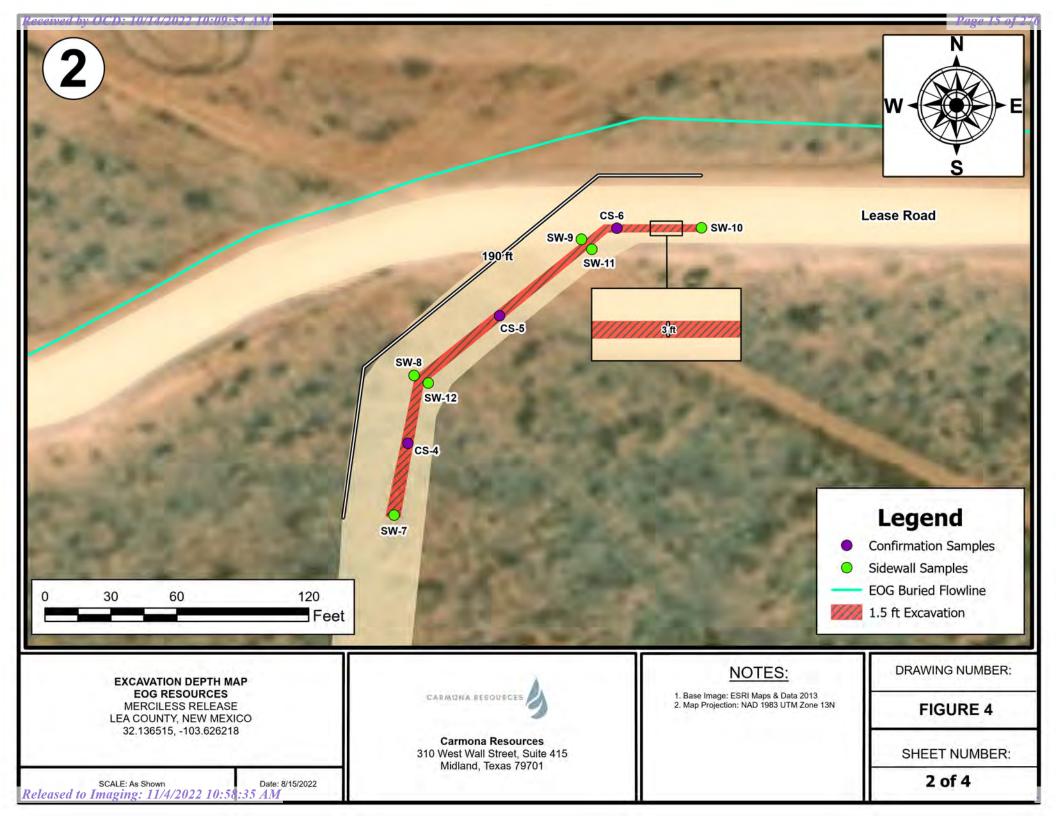


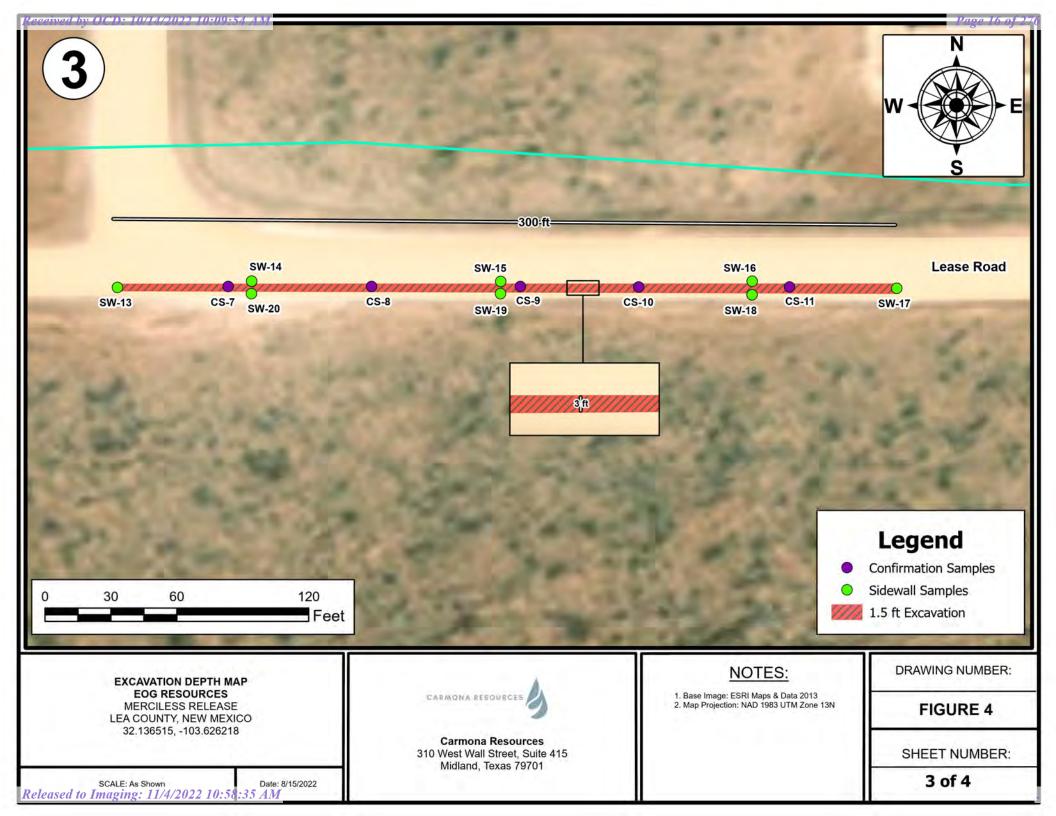


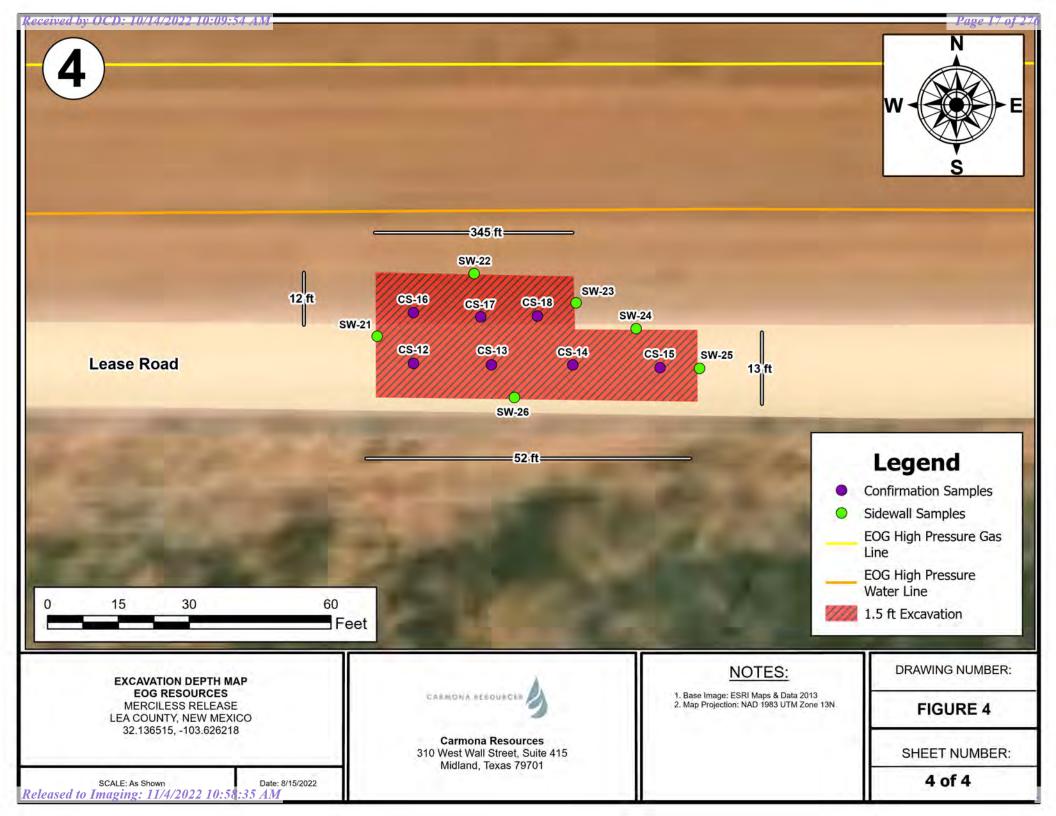












APPENDIX A

CARMONA RESOURCES

Table 1 EOG Merciless Release Lea County, New Mexico

0 1 10	5.4	D (1.00)	TPH (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)
	7/20/2022	0-1	<10.0	34.4	12.6	47.0	<0.050	<0.050	<0.050	<0.150	<0.300	624
T-1	"	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
1-1	"	1.5	<10.0	14.2	<10.0	14.2	<0.050	<0.050	<0.050	<0.150	<0.300	304
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	7/20/2022	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304
T-2	"	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
1-2	"	1.5	<10.0	10.4	<10.0	10.4	<0.050	<0.050	<0.050	<0.150	<0.300	432
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	7/20/2022	0-1	<10.0	20.6	<10.0	20.6	<0.050	<0.050	<0.050	<0.150	<0.300	768
T-3	"	1.0	<10.0	23.7	<10.0	23.7	<0.050	<0.050	<0.050	<0.150	<0.300	896
1-3	"	1.5	<10.0	18.9	<10.0	18.9	<0.050	<0.050	<0.050	<0.150	<0.300	464
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	7/20/2022	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
T-4	"	1.0	<10.0	26.3	<10.0	26.3	<0.050	<0.050	<0.050	<0.150	<0.300	464
1-4	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	7/20/2022	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
T-5	"	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
1-5	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
	7/20/2022	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	944
T-6	"	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	912
1-0	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	7/20/2022	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
T-7	"	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	352
'-'	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
Regulato	ry Criteria ^A					100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

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

(T) Trench

Removed

Table 1 EOG Merciless Release Lea County, New Mexico

Commis ID	Data	Donath (f4)		TPI	H (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)
	7/20/2022	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
T-8	"	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
1-0	"	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	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	7/20/2022	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	560
T-9	"	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	528
1-9	"	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	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	7/20/2022	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
T-10	"	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
1-10	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	7/20/2022	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
T-11	"	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	368
1-11	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
	7/20/2022	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	384
T-12	"	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	480
1-12	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
	7/20/2022	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	0.075	0.510	0.585	192
T-13	"	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
1-13	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	7/20/2022	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	288
T-14	"	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
1-14	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	ry Criteria A					100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

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

(T) Trench

Table 1 EOG Merciless Release Lea County, New Mexico

Commis ID	Data	Donath (f4)		TPI	H (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)
	7/20/2022	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304
T-15	"	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
1-13	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
	7/20/2022	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
T-16	"	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
1-10	"	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	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	7/20/2022	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
T-17	"	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
1-17	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	7/20/2022	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
T-18	"	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
1-10	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	7/20/2022	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
T-19	"	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
1-13	"	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	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	7/20/2022	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
T-20	"	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
1-20	"	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	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	7/20/2022	0-1	<10.0	10.4	<10.0	10.4	<0.050	<0.050	<0.050	<0.150	<0.300	160
T-21	"	1.0	<10.0	14.0	<10.0	14.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
1-21	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
	ry Criteria A					100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

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

(T) Trench

Table 1 EOG **Merciless Release** Lea County, New Mexico

0 1 15		D (1 (6)	TPH (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)
	7/20/2022	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
T-22	"	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
1-22	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
	7/20/2022	0-1	<10.0	18.6	<10.0	18.6	<0.050	<0.050	<0.050	<0.150	<0.300	128
T-23	"	1.0	<10.0	24.3	<10.0	24.3	<0.050	<0.050	<0.050	<0.150	<0.300	160
1-23	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
	7/20/2022	0-1	<10.0	29.0	<10.0	29.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
T-24	"	1.0	<10.0	31.0	<10.0	31.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
1-24	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
	7/20/2022	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
T-25	"	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	< 0.050	<0.150	<0.300	96.0
1-23	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	< 0.050	<0.150	<0.300	48.0
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	7/20/2022	0-1	<10.0	10.6	<10.0	10.6	<0.050	<0.050	<0.050	<0.150	<0.300	112
T-26	"	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
1 20	"	1.5	<10.0	10.7	<10.0	10.7	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	7/20/2022	0-1	<10.0	41.8	<10.0	41.8	<0.050	<0.050	<0.050	<0.150	<0.300	112
T-27	"	1.0	<10.0	31.0	<10.0	31.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
1-21	"	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	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
	7/20/2022	0-1	<10.0	49.9	<10.0	49.9	<0.050	<0.050	<0.050	<0.150	<0.300	128
T-28	"	1.0	<10.0	68.3	<10.0	68.3	<0.050	<0.050	<0.050	<0.150	<0.300	112
1-20	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
Regulato	ry Criteria ^A					100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

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

(T) Trench

Table 1 EOG Merciless Release Lea County, New Mexico

Commis ID	Date	Donath (ft)		TPH (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)
	7/20/2022	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
T-29	"	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	< 0.050	<0.150	<0.300	112
1-23	"	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	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
	7/20/2022	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
T-30	"	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
1-30	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	< 0.050	<0.150	<0.300	<16.0
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	7/20/2022	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
T-31	"	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
1-31	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
	7/20/2022	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
T 00	"	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
T-32	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	7/20/2022	0-1	<10.0	4,010	485	4,495	<0.050	<0.050	<0.050	<0.150	<0.300	384
T 22	"	1.0	<10.0	1,260	142	1,402	<0.050	<0.050	<0.050	<0.150	<0.300	288
T-33	"	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	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
Regulator	ry Criteria ^A					100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

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

Removed

Table 1 EOG Merciless Release Lea County, New Mexico

0 1 10	5.	D (1 (6)		TPI	H (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	7/20/2022	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
H-2	7/20/2022	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-3	7/20/2022	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	7/20/2022	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	7/20/2022	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-6	7/20/2022	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	7/20/2022	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	7/20/2022	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	7/20/2022	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	7/20/2022	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	7/20/2022	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	7/20/2022	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					100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

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

Table 1 **EOG Merciless Release** Lea County, New Mexico

OI- ID	D-1-	D(l- (6)		TPH (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-13	7/20/2022	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-14	7/20/2022	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-15	7/20/2022	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-16	7/20/2022	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-17	7/20/2022	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-18	7/20/2022	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-19	7/20/2022	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-20	7/20/2022	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-21	7/20/2022	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-22	7/20/2022	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-23	7/20/2022	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-24	7/20/2022	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					100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

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

Table 2 EOG Merciless Release Lea County, New Mexico

Sample ID	Date	Donth (ft)	TPH (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	8/8/2022	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-2	8/8/2022	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-3	8/8/2022	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-4	8/8/2022	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-5	8/8/2022	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-6	8/8/2022	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-7	8/10/2022	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-8	8/10/2022	1.5	<10.0	28.4	15.9	44.3	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-9	8/10/2022	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-10	8/10/2022	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-11	8/10/2022	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-12	8/10/2022	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-13	8/10/2022	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-14	8/10/2022	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-15	8/10/2022	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-16	8/10/2022	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-17	8/10/2022	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-18	8/8/2022	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
Regulato	ry Criteria ^A					100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

Table 2
EOG
Merciless Release
Lea County, New Mexico

Sample ID	Date	Depth (ft)		TPH (mg/kg)			Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Deptii (it)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SW-1	8/8/2022	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-2	8/8/2022	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-3	8/8/2022	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-4	8/8/2022	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-5	8/8/2022	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-6	8/8/2022	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-7	8/8/2022	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-8	8/8/2022	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-9	8/8/2022	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-10	8/8/2022	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-11	8/8/2022	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-12	8/8/2022	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-13	8/10/2022	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
SW-14	8/10/2022	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
SW-15	8/10/2022	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-16	8/10/2022	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
SW-17	8/10/2022	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-18	8/10/2022	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-19	8/10/2022	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-20	8/10/2022	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
SW-21	8/10/2022	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-22	8/10/2022	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-22	8/10/2022	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-23	8/10/2022	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-24	8/10/2022	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-25	8/10/2022	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-26	8/10/2022	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					100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(SW) Sidewall Sample

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

APPENDIX B

CARMONA RESOURCES

PHOTOGRAPHIC LOG

EOG Resources

Photograph No. 1

Facility: Merciless Release

Lea County, New Mexico County:

Description:

View Northeast, area of confirmation samples

(1-3).



Photograph No. 2

Facility: Merciless Release

Lea County, New Mexico County:

Description:

View Southeast, area of confirmation samples

(4-6).



Photograph No. 3

Facility: Merciless Release

County: Lea County, New Mexico

Description:

View South, area of confirmation samples (4-6).





PHOTOGRAPHIC LOG

EOG Resources

Photograph No. 4

Facility: Merciless Release

Lea County, New Mexico County:

Description:

View West, area of confirmation samples (7-11).



Photograph No. 5

Facility: Merciless Release

Lea County, New Mexico County:

Description:

View Northwest, area of confirmation samples

(12-18).



Photograph No. 6

Facility: Merciless Release

County: Lea County, New Mexico

Description:

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





APPENDIX C

CARMONA RESOURCES

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party EOG Resources				OGRID 73	7377		
Contact Name James Kennedy				Contact Telephone 432-848-9146			
Contact email james_kennedy@eogresources.com				Incident # (assigned by OCD) nAPP2228547127			
Contact mail 79706	ing address	5509 Champions	Drive Midland, T	ГХ	l		
			Location	n of R	telease So	Source	
Latitude 32.136623 L (NAD 83 in decimal degree						-103.626102	
		E 1.G #500T	(11115 05 111 0				
		Fed Com #508H			Site Type Well site		
Date Release	Discovered	07/12/2022			API# (if app	pplicable) 30-025-47447	
Unit Letter	Section	Township	Range		Coun	inty	
В	13	25S	32E	Lea	-		
		Federal Ti	Nature an	d Vo	lume of I	Release c justification for the volumes provided below)	
Crude Oi		Volume Release	ed (bbls)			Volume Recovered (bbls)	
Produced	Water	Volume Release	ed (bbls) >5			Volume Recovered (bbls) 0	
		Is the concentration produced water	tion of dissolved >10,000 mg/l?	chloride	e in the	☐ Yes ☐ No	
Condensa	ite	Volume Release	ed (bbls)			Volume Recovered (bbls)	
☐ Natural Gas Volume Released (Mcf)				Volume Recovered (Mcf)			
Other (describe) Volume/Weight Released (provide units		de units))	Volume/Weight Recovered (provide units)			
Appears to be 5 bbls.	e an unautho	l orized release fron	n a truck. Origina	ılly inter	nally reporte	ted as 3 bbls, after assessment appears to be greater than	

Received by OCD:	10/14/2022 10:09:54 AM
Form C-141	State of New Mexico
Dage ?	Oil Conservation Division

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Page	~ ~	വ	. ,	7	Α.
1 426	JJ	v_I	-	/	v

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by	If YES, for what reason(s) does the responsible party consider this a major release? Unknown volume
19.15.29.7(A) NMAC?	
⊠ Yes □ No	
-	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? eportable until we assessed, and did the calculation for the soil.
,	
	Initial Response
The responsible p	party must undertake the following actions immediately unless they could create a safety hazard that would result in injury
The source of the rele	ease has been stonned
	s been secured to protect human health and the environment.
_ *	eve been contained via the use of berms or dikes, absorbent pads, or other containment devices.
	ecoverable materials have been removed and managed appropriately.
If all the actions described	d above have <u>not</u> been undertaken, explain why:
	AC the responsible party may commence remediation immediately after discovery of a release. If remediation a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred
	at area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
regulations all operators are public health or the environr failed to adequately investig	rmation given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and required to report and/or file certain release notifications and perform corrective actions for releases which may endanger nent. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have at and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In f a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws
Printed Name: _James F.	Kennedy Title:Env Specialist
Signature: James	Date: _10/12/2022
•	### Geogresources.com Telephone: 432-258-4346
OCD Only	
Received by:	Date:

e of New Mexico

Incident ID	NAPP2228547127
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	(ft bgs)		
Did this release impact groundwater or surface water?	☐ Yes ☐ No		
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☐ No		
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☐ No		
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☐ No		
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☐ No		
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☐ No		
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☐ No		
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☐ No		
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☐ No		
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☐ No		
Are the lateral extents of the release within a 100-year floodplain?			
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.

Received by OCD: 10/14/2022 10:09:54 AM Form C-141 State of New Mexico Page 4 Oil Conservation Division

Page 35 of 276

Incident ID	NAPP2228547127
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the regulations all operators are required to report and/or file certain release not public health or the environment. The acceptance of a C-141 report by the failed to adequately investigate and remediate contamination that pose a the addition, OCD acceptance of a C-141 report does not relieve the operator of and/or regulations.	tifications 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:	
Signature: James Kennedy	Date:10.13.2022 Telephone:
email:	Telephone:
OCD Only	
Received by:	Date:10/14/2022

Page 36 of 276

Incident ID	NAPP2228547127
District RP	
Facility ID	
Application ID	

Closure

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

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

☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC				
Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)				
☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)				
☐ Description of remediation activities				
and regulations all operators are required to report and/or file certai may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and rer human health or 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 NMAC including no	ntions. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in OCD when reclamation and re-vegetation are complete.			
Printed Name:				
Signature: James Kennedy email:	Date:10.13.2022			
email:	Telephone:			
OCD Only				
Received by: Jocelyn Harimon	Date:10/14/2022			
Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.				
Closure Approved by:	Date: _11/04/2022			
Printed Name: Jennifer Nobui	Title: _ Environmental Specialist A			

From: Conner Moehring

Sent: Friday, August 5, 2022 9:56 AM

To: OCD.Enviro@state.nm.us

Cc: Mike Carmona

Subject: EOG - Merciless Release - Sampling Notification

Good Morning,

On behalf of EOG, Carmona Resources will be collecting confirmation samples at the below-referenced site on 08/08/22 around 12:00 pm Mountain Time. Please let me know if you have any questions.

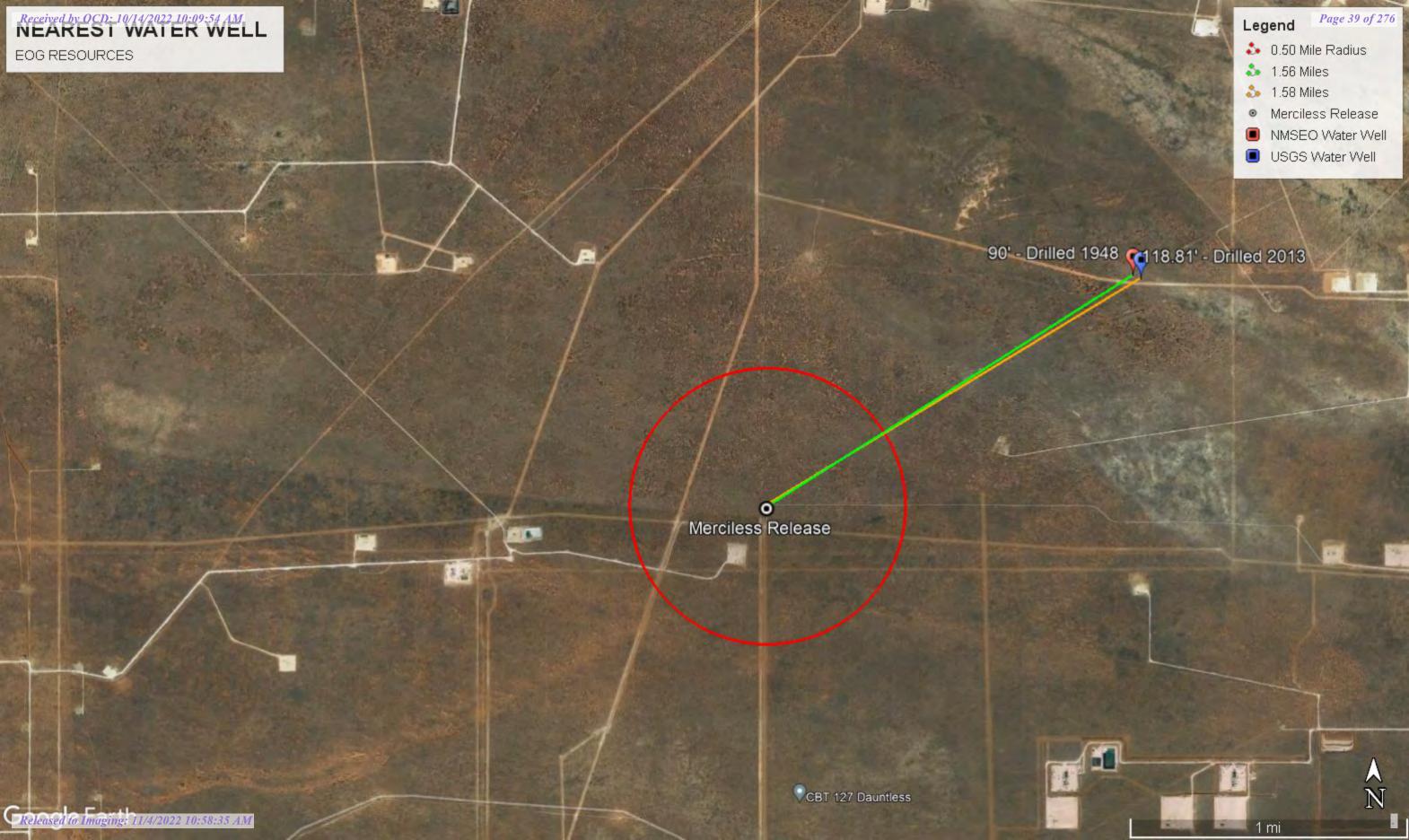
Merciless Release Sec 6 T25S R33E Unit M 32.154650, -103.619380 Lea County, New Mexico

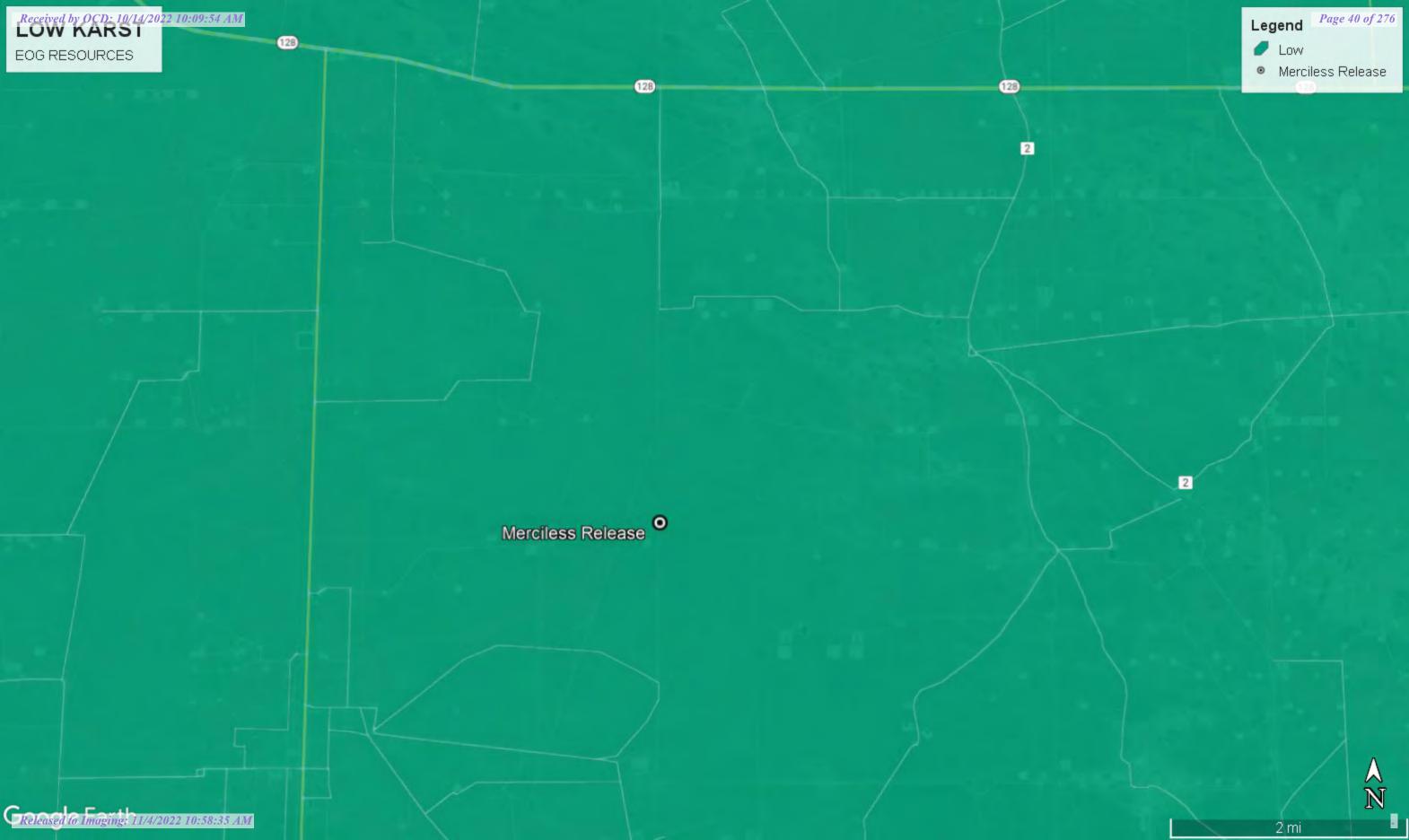
Conner R. Moehring 310 West Wall Street, Suite 415 Midland Texas, 79701 M: 432-813-6823 Cmoehring@carmonaresources.com



APPENDIX D

CARMONA RESOURCES







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)

3 ,	,	\ I			5 , (,	`	,
	POD								
	Sub-	QQ	Q					Depth	Depth Water
POD Number	Code basin C	ounty 64 16	6 4 Sec	Tws Rng	X	Y	Distance	Well	Water Column
C 02312	CUB	LE 1 2	1 05	25S 33E	632292	3559772 🌍	2500	150	90 60
C 04627 POD1	CUB	LE 3 3	4 08	25S 33E	632665	3556725 🎒	2993		

Average Depth to Water: 90 feet

Minimum Depth: 90 feet

Maximum Depth: 90 feet

Record Count: 2

UTMNAD83 Radius Search (in meters):

Easting (X): 630193 **Northing (Y):** 3558412.6 **Radius:** 4000

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



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)

POD Number Q64 Q16 Q4 Sec Tws Rng

05 25S 33E X

632292 3559772

Driller License:

Well Tag

NA

Driller Company:

Driller Name:

UNKNOWN 01/01/1948

C 02312

Drill Finish Date:

06/30/1948

Plug Date:

Drill Start Date: Log File Date:

PCW Rcv Date:

Pump Type:

Source:

Pipe Discharge Size:

Estimated Yield: 20 GPM

Casing Size:

6.38

Depth Well:

150 feet

Depth Water:

90 feet

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

7/25/22 8:22 AM

POINT OF DIVERSION SUMMARY



USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources



Click to hideNews Bulletins

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

Groundwater levels for New Mexico

Click to hide state-specific text

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs site_no list =

• 320956103353801

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 320956103353801 25S.33E.05.12122

Lea County, New Mexico

Table of data

Latitude 32°09'59.4", Longitude 103°35'47.2" NAD83

Land-surface elevation 3,473.00 feet above NGVD29

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

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

Output formats

<u>ab-separate</u>										
<u>Braph of dat</u> Reselect peri										
kesereet per	<u>lou</u>									
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
1981-03-25		D	62610		3365.17	NGVD29	1	Z		
1981-03-25		D	62611		3366.84	NAVD88	1	Z		
1981-03-25		D	72019	107.83			1	Z		
1986-03-12		D	62610		3363.66	NGVD29	1	Z		
1986-03-12		D	62611		3365.33	NAVD88	1	Z		
1986-03-12		D	72019	109.34			1	Z		
1991-06-06		D	62610		3365.42	NGVD29	1	Z		
1991-06-06		D	62611		3367.09	NAVD88	1	Z		
1991-06-06		D	72019	107.58			1	Z		
1996-03-07		D	62610		3364.11	NGVD29	Р	S		
1996-03-07		D	62611		3365.78	NAVD88	Р	S		
1996-03-07		D	72019	108.89			Р	S		
2013-01-17	16:00 UTC	m	62610		3354.19	NGVD29	Р	S	USGS	;
2013-01-17	16:00 UTC	m	62611		3355.86	NAVD88	Р	S	USGS	;
2013-01-17	16:00 UTC	m	72019	118.81			Р	S	USGS	;

Explanation

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

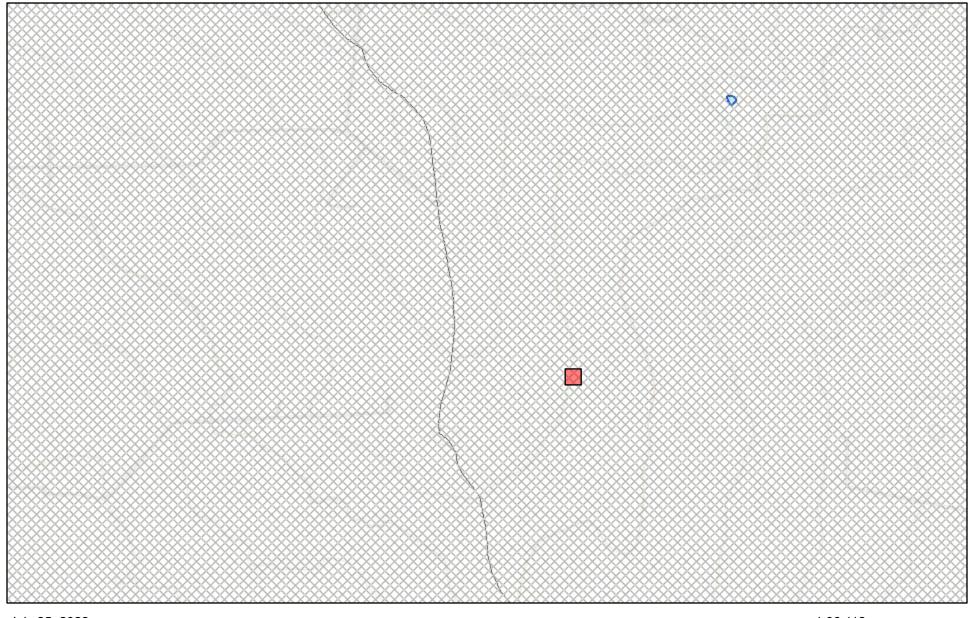
URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?

Page Contact Information: <u>New Mexico Water Data Maintainer</u> Page Last Modified: 2022-07-25 10:24:01 EDT

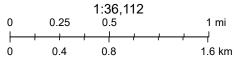
0.29 0.24 nadww02



New Mexico NFHL Data



July 25, 2022



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

APPENDIX E

CARMONA RESOURCES



July 26, 2022

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

RE: MERCILESS RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 07/20/22 17:25.

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: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 1 (0-1') (H223180-01)

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	07/22/2022	ND	2.07	103	2.00	6.03	
Toluene*	<0.050	0.050	07/22/2022	ND	2.14	107	2.00	6.31	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.18	109	2.00	6.08	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.70	112	6.00	5.92	
Total BTEX	<0.300	0.300	07/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	07/22/2022	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	07/22/2022	ND	213	107	200	4.72	
DRO >C10-C28*	34.4	10.0	07/22/2022	ND	191	95.5	200	0.784	
EXT DRO >C28-C36	12.6	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	69.7	% 43-149)						
Surrogate: 1-Chlorooctadecane	76.7	% 42.5-16	1						

A I J D. ... 711

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg & Freene



Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 1 (1') (H223180-02)

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	07/22/2022	ND	2.07	103	2.00	6.03	
Toluene*	<0.050	0.050	07/22/2022	ND	2.14	107	2.00	6.31	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.18	109	2.00	6.08	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.70	112	6.00	5.92	
Total BTEX	<0.300	0.300	07/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/22/2022	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	07/22/2022	ND	213	107	200	4.72	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	191	95.5	200	0.784	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	76.5	% 43-149)						
Surrogate: 1-Chlorooctadecane	83.3	% 42.5-16	71						

Cardinal Laboratories *=Accredited Analyte

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 1 (1.5') (H223180-03)

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	07/22/2022	ND	2.07	103	2.00	6.03	
Toluene*	<0.050	0.050	07/22/2022	ND	2.14	107	2.00	6.31	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.18	109	2.00	6.08	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.70	112	6.00	5.92	
Total BTEX	<0.300	0.300	07/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 %	6 69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	07/22/2022	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	07/22/2022	ND	213	107	200	4.72	
DRO >C10-C28*	14.2	10.0	07/22/2022	ND	191	95.5	200	0.784	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	75.3 9	% 43-149	1						
Surrogate: 1-Chlorooctadecane	76.6 9	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

ma/ka

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 1 (2') (H223180-04)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/22/2022	ND	2.07	103	2.00	6.03	
Toluene*	<0.050	0.050	07/22/2022	ND	2.14	107	2.00	6.31	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.18	109	2.00	6.08	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.70	112	6.00	5.92	
Total BTEX	<0.300	0.300	07/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/22/2022	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	07/22/2022	ND	213	107	200	4.72	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	191	95.5	200	0.784	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	92.9	% 43-149)						
Surrogate: 1-Chlorooctadecane	93.5	% 42.5-16	1						

Applyzod By: 14

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 2 (0-1') (H223180-05)

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	07/22/2022	ND	2.07	103	2.00	6.03	
Toluene*	<0.050	0.050	07/22/2022	ND	2.14	107	2.00	6.31	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.18	109	2.00	6.08	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.70	112	6.00	5.92	
Total BTEX	<0.300	0.300	07/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	07/22/2022	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	07/22/2022	ND	213	107	200	4.72	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	191	95.5	200	0.784	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	81.9	% 43-149	1						
Surrogate: 1-Chlorooctadecane	81.6	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 2 (1') (H223180-06)

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	07/22/2022	ND	2.07	103	2.00	6.03	
Toluene*	<0.050	0.050	07/22/2022	ND	2.14	107	2.00	6.31	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.18	109	2.00	6.08	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.70	112	6.00	5.92	
Total BTEX	<0.300	0.300	07/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	07/22/2022	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	07/22/2022	ND	213	107	200	4.72	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	191	95.5	200	0.784	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	79.5	% 43-149)						
Surrogate: 1-Chlorooctadecane	77.5	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 2 (1.5') (H223180-07)

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	07/22/2022	ND	2.07	103	2.00	6.03	
Toluene*	<0.050	0.050	07/22/2022	ND	2.14	107	2.00	6.31	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.18	109	2.00	6.08	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.70	112	6.00	5.92	
Total BTEX	<0.300	0.300	07/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	07/22/2022	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	07/22/2022	ND	213	107	200	4.72	
DRO >C10-C28*	10.4	10.0	07/22/2022	ND	191	95.5	200	0.784	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	74.5	% 43-149)						
Surrogate: 1-Chlorooctadecane	74.6	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 2 (2') (H223180-08)

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	07/22/2022	ND	2.07	103	2.00	6.03	
Toluene*	<0.050	0.050	07/22/2022	ND	2.14	107	2.00	6.31	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.18	109	2.00	6.08	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.70	112	6.00	5.92	
Total BTEX	<0.300	0.300	07/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/22/2022	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	07/22/2022	ND	213	107	200	4.72	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	191	95.5	200	0.784	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	82.4	% 43-149)						
Surrogate: 1-Chlorooctadecane	83.1	% 42.5-16	1						

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 3 (0-1') (H223180-09)

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	07/22/2022	ND	2.07	103	2.00	6.03	
Toluene*	<0.050	0.050	07/22/2022	ND	2.14	107	2.00	6.31	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.18	109	2.00	6.08	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.70	112	6.00	5.92	
Total BTEX	<0.300	0.300	07/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	768	16.0	07/22/2022	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	07/22/2022	ND	213	107	200	4.72	
DRO >C10-C28*	20.6	10.0	07/22/2022	ND	191	95.5	200	0.784	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	79.9	% 43-149)						
Surrogate: 1-Chlorooctadecane	79.7	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

ma/ka

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 3 (1') (H223180-10)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/22/2022	ND	2.07	103	2.00	6.03	
Toluene*	<0.050	0.050	07/22/2022	ND	2.14	107	2.00	6.31	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.18	109	2.00	6.08	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.70	112	6.00	5.92	
Total BTEX	<0.300	0.300	07/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	896	16.0	07/22/2022	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	07/22/2022	ND	213	107	200	4.72	
DRO >C10-C28*	23.7	10.0	07/22/2022	ND	191	95.5	200	0.784	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	86.1	% 43-149)						
Surrogate: 1-Chlorooctadecane	86.8	% 42.5-16	1						

Applyzod By: 14

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 3 (1.5') (H223180-11)

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	07/22/2022	ND	2.07	103	2.00	6.03	
Toluene*	<0.050	0.050	07/22/2022	ND	2.14	107	2.00	6.31	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.18	109	2.00	6.08	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.70	112	6.00	5.92	
Total BTEX	<0.300	0.300	07/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	07/22/2022	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	07/22/2022	ND	213	107	200	4.72	
DRO >C10-C28*	18.9	10.0	07/22/2022	ND	191	95.5	200	0.784	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	84.7	% 43-149	1						
Surrogate: 1-Chlorooctadecane	85.2	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 3 (2') (H223180-12)

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	07/22/2022	ND	2.07	103	2.00	6.03	
Toluene*	<0.050	0.050	07/22/2022	ND	2.14	107	2.00	6.31	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.18	109	2.00	6.08	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.70	112	6.00	5.92	
Total BTEX	<0.300	0.300	07/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/22/2022	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	07/22/2022	ND	213	107	200	4.72	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	191	95.5	200	0.784	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	84.8	% 43-149							
Surrogate: 1-Chlorooctadecane	89.3	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 4 (0-1') (H223180-13)

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	07/22/2022	ND	2.07	103	2.00	6.03	
Toluene*	<0.050	0.050	07/22/2022	ND	2.14	107	2.00	6.31	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.18	109	2.00	6.08	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.70	112	6.00	5.92	
Total BTEX	<0.300	0.300	07/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	07/22/2022	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	07/22/2022	ND	213	107	200	4.72	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	191	95.5	200	0.784	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	92.9	% 43-149	1						
Surrogate: 1-Chlorooctadecane	96.3	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 4 (1') (H223180-14)

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	07/22/2022	ND	2.07	103	2.00	6.03	
Toluene*	<0.050	0.050	07/22/2022	ND	2.14	107	2.00	6.31	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.18	109	2.00	6.08	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.70	112	6.00	5.92	
Total BTEX	<0.300	0.300	07/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	07/22/2022	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	07/22/2022	ND	213	107	200	4.72	
DRO >C10-C28*	26.3	10.0	07/22/2022	ND	191	95.5	200	0.784	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	76.8	% 43-149	1						
Surrogate: 1-Chlorooctadecane	77.3	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 4 (1.5') (H223180-15)

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	07/22/2022	ND	2.07	103	2.00	6.03	
Toluene*	<0.050	0.050	07/22/2022	ND	2.14	107	2.00	6.31	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.18	109	2.00	6.08	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.70	112	6.00	5.92	
Total BTEX	<0.300	0.300	07/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	07/22/2022	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	07/22/2022	ND	213	107	200	4.72	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	191	95.5	200	0.784	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	77.3	% 43-149	1						
Surrogate: 1-Chlorooctadecane	79.5	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 4 (2') (H223180-16)

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	07/22/2022	ND	2.07	103	2.00	6.03	
Toluene*	<0.050	0.050	07/22/2022	ND	2.14	107	2.00	6.31	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.18	109	2.00	6.08	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.70	112	6.00	5.92	
Total BTEX	<0.300	0.300	07/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/22/2022	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	07/22/2022	ND	213	107	200	4.72	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	191	95.5	200	0.784	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	85.0	% 43-149	1						
Surrogate: 1-Chlorooctadecane	85.8	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 5 (0-1') (H223180-17)

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	07/22/2022	ND	2.07	103	2.00	6.03	
Toluene*	<0.050	0.050	07/22/2022	ND	2.14	107	2.00	6.31	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.18	109	2.00	6.08	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.70	112	6.00	5.92	
Total BTEX	<0.300	0.300	07/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	07/22/2022	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	07/22/2022	ND	213	107	200	4.72	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	191	95.5	200	0.784	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	99.0	% 43-149	1						
Surrogate: 1-Chlorooctadecane	99.7	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 5 (1') (H223180-18)

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	07/22/2022	ND	2.07	103	2.00	6.03	
Toluene*	<0.050	0.050	07/22/2022	ND	2.14	107	2.00	6.31	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.18	109	2.00	6.08	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.70	112	6.00	5.92	
Total BTEX	<0.300	0.300	07/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/22/2022	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	07/22/2022	ND	213	107	200	4.72	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	191	95.5	200	0.784	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	95.2	% 43-149	1						
Surrogate: 1-Chlorooctadecane	94.7	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 5 (1.5') (H223180-19)

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	07/22/2022	ND	2.07	103	2.00	6.03	
Toluene*	<0.050	0.050	07/22/2022	ND	2.14	107	2.00	6.31	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.18	109	2.00	6.08	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.70	112	6.00	5.92	
Total BTEX	<0.300	0.300	07/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/22/2022	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	07/22/2022	ND	213	107	200	4.72	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	191	95.5	200	0.784	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	99.7	% 43-149	1						
Surrogate: 1-Chlorooctadecane	96.9	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 5 (2') (H223180-20)

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	07/22/2022	ND	2.07	103	2.00	6.03	
Toluene*	<0.050	0.050	07/22/2022	ND	2.14	107	2.00	6.31	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.18	109	2.00	6.08	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.70	112	6.00	5.92	
Total BTEX	<0.300	0.300	07/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/22/2022	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	07/22/2022	ND	210	105	200	0.359	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	199	99.5	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	96.9	% 43-149)						
Surrogate: 1-Chlorooctadecane	106	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 6 (0-1') (H223180-21)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/22/2022	ND	2.14	107	2.00	7.01	
Toluene*	<0.050	0.050	07/22/2022	ND	2.21	111	2.00	6.88	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.26	113	2.00	7.21	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.94	116	6.00	7.45	
Total BTEX	<0.300	0.300	07/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	944	16.0	07/22/2022	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	07/22/2022	ND	210	105	200	0.359	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	199	99.5	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	105	% 43-149)						
Surrogate: 1-Chlorooctadecane	108	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 6 (1') (H223180-22)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/22/2022	ND	2.14	107	2.00	7.01	
Toluene*	<0.050	0.050	07/22/2022	ND	2.21	111	2.00	6.88	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.26	113	2.00	7.21	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.94	116	6.00	7.45	
Total BTEX	<0.300	0.300	07/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	912	16.0	07/22/2022	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	07/22/2022	ND	210	105	200	0.359	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	199	99.5	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	84.9	% 43-149							
Surrogate: 1-Chlorooctadecane	90.6	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 6 (1.5') (H223180-23)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/22/2022	ND	2.14	107	2.00	7.01	
Toluene*	<0.050	0.050	07/22/2022	ND	2.21	111	2.00	6.88	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.26	113	2.00	7.21	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.94	116	6.00	7.45	
Total BTEX	<0.300	0.300	07/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/22/2022	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	07/22/2022	ND	210	105	200	0.359	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	199	99.5	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	90.9 9	% 43-149	1						
Surrogate: 1-Chlorooctadecane	96.3 9	42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 6 (2') (H223180-24)

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	07/23/2022	ND	2.14	107	2.00	7.01	
Toluene*	<0.050	0.050	07/23/2022	ND	2.21	111	2.00	6.88	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.26	113	2.00	7.21	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.94	116	6.00	7.45	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/22/2022	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	07/22/2022	ND	210	105	200	0.359	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	199	99.5	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	85.7	% 43-149	1						
Surrogate: 1-Chlorooctadecane	92.0	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 7 (0-1') (H223180-25)

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	07/23/2022	ND	2.14	107	2.00	7.01	
Toluene*	<0.050	0.050	07/23/2022	ND	2.21	111	2.00	6.88	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.26	113	2.00	7.21	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.94	116	6.00	7.45	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	07/22/2022	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	07/22/2022	ND	210	105	200	0.359	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	199	99.5	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	76.3 9	% 43-149	1						
Surrogate: 1-Chlorooctadecane	79.9 9	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 7 (1') (H223180-26)

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	07/23/2022	ND	2.14	107	2.00	7.01	
Toluene*	<0.050	0.050	07/23/2022	ND	2.21	111	2.00	6.88	
Ethylbenzene*	< 0.050	0.050	07/23/2022	ND	2.26	113	2.00	7.21	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.94	116	6.00	7.45	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	07/22/2022	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	07/22/2022	ND	210	105	200	0.359	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	199	99.5	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	79.7	% 43-149)						
Surrogate: 1-Chlorooctadecane	82.0	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 7 (1.5') (H223180-27)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2022	ND	2.14	107	2.00	7.01	
Toluene*	<0.050	0.050	07/23/2022	ND	2.21	111	2.00	6.88	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.26	113	2.00	7.21	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.94	116	6.00	7.45	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/22/2022	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	07/22/2022	ND	210	105	200	0.359	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	199	99.5	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	104	% 43-149)						
Surrogate: 1-Chlorooctadecane	109	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 7 (2') (H223180-28)

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	07/23/2022	ND	2.14	107	2.00	7.01	
Toluene*	<0.050	0.050	07/23/2022	ND	2.21	111	2.00	6.88	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.26	113	2.00	7.21	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.94	116	6.00	7.45	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/22/2022	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	07/22/2022	ND	210	105	200	0.359	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	199	99.5	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	88.7	% 43-149)						
Surrogate: 1-Chlorooctadecane	92.1	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 8 (0-1') (H223180-29)

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	07/23/2022	ND	2.14	107	2.00	7.01	
Toluene*	<0.050	0.050	07/23/2022	ND	2.21	111	2.00	6.88	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.26	113	2.00	7.21	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.94	116	6.00	7.45	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	07/22/2022	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	07/22/2022	ND	210	105	200	0.359	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	199	99.5	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	73.0	% 43-149	1						
Surrogate: 1-Chlorooctadecane	76.9	% 42.5-16	1						

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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: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

ma/ka

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 8 (1') (H223180-30)

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	07/23/2022	ND	2.14	107	2.00	7.01	
Toluene*	<0.050	0.050	07/23/2022	ND	2.21	111	2.00	6.88	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.26	113	2.00	7.21	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.94	116	6.00	7.45	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	07/22/2022	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	07/22/2022	ND	210	105	200	0.359	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	199	99.5	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	90.9	% 43-149)						
Surrogate: 1-Chlorooctadecane	94.8	% 42.5-16	1						

Applyzod By: 14

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 8 (1.5') (H223180-31)

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	07/23/2022	ND	2.14	107	2.00	7.01	
Toluene*	<0.050	0.050	07/23/2022	ND	2.21	111	2.00	6.88	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.26	113	2.00	7.21	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.94	116	6.00	7.45	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/22/2022	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	07/22/2022	ND	210	105	200	0.359	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	199	99.5	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	92.9 9	% 43-149)						
Surrogate: 1-Chlorooctadecane	98.2 9	42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 8 (2') (H223180-32)

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	07/23/2022	ND	2.14	107	2.00	7.01	
Toluene*	<0.050	0.050	07/23/2022	ND	2.21	111	2.00	6.88	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.26	113	2.00	7.21	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.94	116	6.00	7.45	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/22/2022	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	07/22/2022	ND	210	105	200	0.359	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	199	99.5	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	98.5	% 43-149	1						
Surrogate: 1-Chlorooctadecane	104 9	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 9 (0-1') (H223180-33)

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	07/23/2022	ND	2.14	107	2.00	7.01	
Toluene*	<0.050	0.050	07/23/2022	ND	2.21	111	2.00	6.88	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.26	113	2.00	7.21	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.94	116	6.00	7.45	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	07/22/2022	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	07/22/2022	ND	210	105	200	0.359	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	199	99.5	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	85.7	% 43-149	1						
Surrogate: 1-Chlorooctadecane	90.7	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 9 (1') (H223180-34)

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	07/23/2022	ND	2.14	107	2.00	7.01	
Toluene*	<0.050	0.050	07/23/2022	ND	2.21	111	2.00	6.88	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.26	113	2.00	7.21	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.94	116	6.00	7.45	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	07/22/2022	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	07/22/2022	ND	210	105	200	0.359	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	199	99.5	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	75.1	% 43-149)						
Surrogate: 1-Chlorooctadecane	78.2	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

MERCILESS RELEASE

Project Name: MERC Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 9 (1.5') (H223180-35)

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	07/23/2022	ND	2.14	107	2.00	7.01	
Toluene*	<0.050	0.050	07/23/2022	ND	2.21	111	2.00	6.88	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.26	113	2.00	7.21	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.94	116	6.00	7.45	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/22/2022	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	07/22/2022	ND	210	105	200	0.359	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	199	99.5	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	78.8	% 43-149)						
Surrogate: 1-Chlorooctadecane	82.8	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 9 (2') (H223180-36)

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	07/23/2022	ND	2.14	107	2.00	7.01	
Toluene*	<0.050	0.050	07/23/2022	ND	2.21	111	2.00	6.88	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.26	113	2.00	7.21	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.94	116	6.00	7.45	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/22/2022	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	07/22/2022	ND	210	105	200	0.359	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	199	99.5	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	77.4	% 43-149)						
Surrogate: 1-Chlorooctadecane	83.1	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 10 (0-1') (H223180-37)

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	07/23/2022	ND	2.14	107	2.00	7.01	
Toluene*	<0.050	0.050	07/23/2022	ND	2.21	111	2.00	6.88	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.26	113	2.00	7.21	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.94	116	6.00	7.45	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	07/22/2022	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	07/22/2022	ND	210	105	200	0.359	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	199	99.5	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	93.6	% 43-149)						
Surrogate: 1-Chlorooctadecane	99.1	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 10 (1') (H223180-38)

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	07/23/2022	ND	2.14	107	2.00	7.01	
Toluene*	<0.050	0.050	07/23/2022	ND	2.21	111	2.00	6.88	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.26	113	2.00	7.21	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.94	116	6.00	7.45	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	07/22/2022	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	07/22/2022	ND	210	105	200	0.359	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	199	99.5	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	85.6	% 43-149	1						
Surrogate: 1-Chlorooctadecane	91.8	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

MERCILESS RELEASE

Project Number: 1086

Project Name:

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 10 (1.5') (H223180-39)

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	07/23/2022	ND	2.14	107	2.00	7.01	
Toluene*	<0.050	0.050	07/23/2022	ND	2.21	111	2.00	6.88	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.26	113	2.00	7.21	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.94	116	6.00	7.45	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/22/2022	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	07/22/2022	ND	210	105	200	0.359	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	199	99.5	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	86.7	% 43-149)						
Surrogate: 1-Chlorooctadecane	94.5	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 10 (2') (H223180-40)

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	07/23/2022	ND	2.14	107	2.00	7.01	
Toluene*	<0.050	0.050	07/23/2022	ND	2.21	111	2.00	6.88	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.26	113	2.00	7.21	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.94	116	6.00	7.45	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/22/2022	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	07/22/2022	ND	233	117	200	1.44	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	234	117	200	0.0240	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	73.8	% 43-149	1						
Surrogate: 1-Chlorooctadecane	85.3	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 11 (0-1') (H223180-41)

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	07/23/2022	ND	2.06	103	2.00	3.69	
Toluene*	<0.050	0.050	07/23/2022	ND	2.12	106	2.00	2.09	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.11	106	2.00	3.53	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.40	107	6.00	3.71	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	07/22/2022	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	07/22/2022	ND	233	117	200	1.44	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	234	117	200	0.0240	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	63.8	% 43-149	1						
Surrogate: 1-Chlorooctadecane	70.5	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 11 (1') (H223180-42)

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	07/23/2022	ND	2.06	103	2.00	3.69	
Toluene*	<0.050	0.050	07/23/2022	ND	2.12	106	2.00	2.09	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.11	106	2.00	3.53	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.40	107	6.00	3.71	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	07/22/2022	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	07/22/2022	ND	233	117	200	1.44	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	234	117	200	0.0240	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	59.6	% 43-149	1						
Surrogate: 1-Chlorooctadecane	67.5	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 11 (1.5') (H223180-43)

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	07/23/2022	ND	2.06	103	2.00	3.69	
Toluene*	<0.050	0.050	07/23/2022	ND	2.12	106	2.00	2.09	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.11	106	2.00	3.53	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.40	107	6.00	3.71	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/22/2022	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	07/22/2022	ND	233	117	200	1.44	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	234	117	200	0.0240	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	72.7	% 43-149)						
Surrogate: 1-Chlorooctadecane	81.9	% 42.5-16	1						

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Analytical Results For:

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

Fax To:

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 11 (2') (H223180-44)

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	07/23/2022	ND	2.06	103	2.00	3.69	
Toluene*	<0.050	0.050	07/23/2022	ND	2.12	106	2.00	2.09	
Ethylbenzene*	< 0.050	0.050	07/23/2022	ND	2.11	106	2.00	3.53	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.40	107	6.00	3.71	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/22/2022	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	07/22/2022	ND	233	117	200	1.44	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	234	117	200	0.0240	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	74.3	% 43-149)						
Surrogate: 1-Chlorooctadecane	83.4	% 42.5-16	71						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 12 (0-1') (H223180-45)

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	07/23/2022	ND	2.06	103	2.00	3.69	
Toluene*	<0.050	0.050	07/23/2022	ND	2.12	106	2.00	2.09	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.11	106	2.00	3.53	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.40	107	6.00	3.71	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	07/22/2022	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	07/22/2022	ND	233	117	200	1.44	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	234	117	200	0.0240	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	66.7	% 43-149)						
Surrogate: 1-Chlorooctadecane	73.7	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 12 (1') (H223180-46)

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	07/23/2022	ND	2.06	103	2.00	3.69	
Toluene*	<0.050	0.050	07/23/2022	ND	2.12	106	2.00	2.09	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.11	106	2.00	3.53	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.40	107	6.00	3.71	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	07/22/2022	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	07/22/2022	ND	233	117	200	1.44	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	234	117	200	0.0240	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	68.2	% 43-149	1						
Surrogate: 1-Chlorooctadecane	75.8	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 12 (1.5') (H223180-47)

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	07/23/2022	ND	2.06	103	2.00	3.69	
Toluene*	<0.050	0.050	07/23/2022	ND	2.12	106	2.00	2.09	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.11	106	2.00	3.53	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.40	107	6.00	3.71	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/22/2022	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	07/22/2022	ND	233	117	200	1.44	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	234	117	200	0.0240	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	64.9	% 43-149	1						
Surrogate: 1-Chlorooctadecane	69.6	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 12 (2') (H223180-48)

RTFY 8021R

BIEX 8021B	mg,	^и кд	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2022	ND	2.06	103	2.00	3.69	
Toluene*	<0.050	0.050	07/23/2022	ND	2.12	106	2.00	2.09	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.11	106	2.00	3.53	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.40	107	6.00	3.71	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-140	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	07/22/2022	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	07/22/2022	ND	233	117	200	1.44	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	234	117	200	0.0240	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	63.4	% 43-149							
Surrogate: 1-Chlorooctadecane	71.7	% 42.5-16.	1						

Analyzed 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: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 13 (0-1') (H223180-49)

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	07/23/2022	ND	2.06	103	2.00	3.69	
Toluene*	<0.050	0.050	07/23/2022	ND	2.12	106	2.00	2.09	
Ethylbenzene*	0.075	0.050	07/23/2022	ND	2.11	106	2.00	3.53	
Total Xylenes*	0.510	0.150	07/23/2022	ND	6.40	107	6.00	3.71	
Total BTEX	0.585	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	07/22/2022	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	07/22/2022	ND	233	117	200	1.44	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	234	117	200	0.0240	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	66.9	% 43-149	1						
Surrogate: 1-Chlorooctadecane	72.0	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 13 (1') (H223180-50)

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	07/23/2022	ND	2.06	103	2.00	3.69	
Toluene*	<0.050	0.050	07/23/2022	ND	2.12	106	2.00	2.09	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.11	106	2.00	3.53	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.40	107	6.00	3.71	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/22/2022	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	07/22/2022	ND	233	117	200	1.44	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	234	117	200	0.0240	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	71.4	% 43-149	1						
Surrogate: 1-Chlorooctadecane	75.6	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 13 (1.5') (H223180-51)

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	07/23/2022	ND	2.06	103	2.00	3.69	
Toluene*	<0.050	0.050	07/23/2022	ND	2.12	106	2.00	2.09	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.11	106	2.00	3.53	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.40	107	6.00	3.71	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/22/2022	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	07/22/2022	ND	233	117	200	1.44	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	234	117	200	0.0240	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	77.0	% 43-149)						
Surrogate: 1-Chlorooctadecane	84.3	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 13 (2') (H223180-52)

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	07/23/2022	ND	2.06	103	2.00	3.69	
Toluene*	<0.050	0.050	07/23/2022	ND	2.12	106	2.00	2.09	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.11	106	2.00	3.53	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.40	107	6.00	3.71	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/22/2022	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	07/22/2022	ND	176	88.2	200	3.10	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	189	94.7	200	0.114	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	69.7	% 43-149)						
Surrogate: 1-Chlorooctadecane	75.0	% 42.5-16	1						

Analyzed 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: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 14 (0-1') (H223180-53)

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	07/23/2022	ND	2.06	103	2.00	3.69	
Toluene*	<0.050	0.050	07/23/2022	ND	2.12	106	2.00	2.09	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.11	106	2.00	3.53	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.40	107	6.00	3.71	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	07/22/2022	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	07/22/2022	ND	176	88.2	200	3.10	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	189	94.7	200	0.114	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	61.8	% 43-149)						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 14 (1') (H223180-54)

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	07/23/2022	ND	2.06	103	2.00	3.69	
Toluene*	<0.050	0.050	07/23/2022	ND	2.12	106	2.00	2.09	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.11	106	2.00	3.53	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.40	107	6.00	3.71	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	07/22/2022	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	07/22/2022	ND	176	88.2	200	3.10	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	189	94.7	200	0.114	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	65.9	% 43-149	1						
Surrogate: 1-Chlorooctadecane	72.1	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 14 (1.5') (H223180-55)

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	07/23/2022	ND	2.06	103	2.00	3.69	
Toluene*	<0.050	0.050	07/23/2022	ND	2.12	106	2.00	2.09	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.11	106	2.00	3.53	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.40	107	6.00	3.71	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/22/2022	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	07/22/2022	ND	176	88.2	200	3.10	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	189	94.7	200	0.114	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	64.5	% 43-149)						
Surrogate: 1-Chlorooctadecane	70.3	% 42.5-16	1						

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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: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 14 (2') (H223180-56)

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	07/23/2022	ND	2.06	103	2.00	3.69	
Toluene*	<0.050	0.050	07/23/2022	ND	2.12	106	2.00	2.09	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.11	106	2.00	3.53	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.40	107	6.00	3.71	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/22/2022	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	07/22/2022	ND	176	88.2	200	3.10	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	189	94.7	200	0.114	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	68.3	% 43-149)						
Surrogate: 1-Chlorooctadecane	73.9	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 15 (0-1') (H223180-57)

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	07/23/2022	ND	2.06	103	2.00	3.69	
Toluene*	<0.050	0.050	07/23/2022	ND	2.12	106	2.00	2.09	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.11	106	2.00	3.53	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.40	107	6.00	3.71	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	07/22/2022	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	07/22/2022	ND	176	88.2	200	3.10	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	189	94.7	200	0.114	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	58.5	% 43-149)						
Surrogate: 1-Chlorooctadecane	61.6	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

07/26/2022

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Project Name: MERCILESS RELEASE
Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 15 (1') (H223180-58)

RTFY 8021R

BIEX 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	07/23/2022	ND	2.06	103	2.00	3.69	
Toluene*	<0.050	0.050	07/23/2022	ND	2.12	106	2.00	2.09	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.11	106	2.00	3.53	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.40	107	6.00	3.71	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	07/22/2022	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	07/22/2022	ND	176	88.2	200	3.10	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	189	94.7	200	0.114	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	61.4	% 43-149	1						
Surrogate: 1-Chlorooctadecane	64.0	% 42.5-16	1						

Analyzed 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: 07/20/2022 Reported:

07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 15 (1.5') (H223180-59)

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	07/23/2022	ND	2.06	103	2.00	3.69	
Toluene*	<0.050	0.050	07/23/2022	ND	2.12	106	2.00	2.09	
Ethylbenzene*	< 0.050	0.050	07/23/2022	ND	2.11	106	2.00	3.53	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.40	107	6.00	3.71	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/22/2022	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	07/22/2022	ND	176	88.2	200	3.10	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	189	94.7	200	0.114	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	68.6	% 43-149)						
Surrogate: 1-Chlorooctadecane	74.1	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 15 (2') (H223180-60)

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	07/23/2022	ND	2.06	103	2.00	3.69	
Toluene*	<0.050	0.050	07/23/2022	ND	2.12	106	2.00	2.09	
Ethylbenzene*	< 0.050	0.050	07/23/2022	ND	2.11	106	2.00	3.53	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.40	107	6.00	3.71	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/22/2022	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	07/22/2022	ND	176	88.2	200	3.10	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	189	94.7	200	0.114	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	65.4	% 43-149)						
Surrogate: 1-Chlorooctadecane	70.7	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 16 (0-1') (H223180-61)

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	07/22/2022	ND	2.09	104	2.00	8.36	
Toluene*	<0.050	0.050	07/22/2022	ND	2.17	109	2.00	9.11	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.18	109	2.00	7.85	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.61	110	6.00	6.60	
Total BTEX	<0.300	0.300	07/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	07/22/2022	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	07/22/2022	ND	176	88.2	200	3.10	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	189	94.7	200	0.114	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	58.0	% 43-149	1						
Surrogate: 1-Chlorooctadecane	62.0	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 16 (1') (H223180-62)

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	07/22/2022	ND	2.09	104	2.00	8.36	
Toluene*	<0.050	0.050	07/22/2022	ND	2.17	109	2.00	9.11	
Ethylbenzene*	< 0.050	0.050	07/22/2022	ND	2.18	109	2.00	7.85	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.61	110	6.00	6.60	
Total BTEX	<0.300	0.300	07/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	07/22/2022	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	07/22/2022	ND	176	88.2	200	3.10	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	189	94.7	200	0.114	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	54.2	% 43-149)						
Surrogate: 1-Chlorooctadecane	57.0	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 16 (1.5') (H223180-63)

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	07/22/2022	ND	2.09	104	2.00	8.36	
Toluene*	<0.050	0.050	07/22/2022	ND	2.17	109	2.00	9.11	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.18	109	2.00	7.85	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.61	110	6.00	6.60	
Total BTEX	<0.300	0.300	07/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/22/2022	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	07/22/2022	ND	176	88.2	200	3.10	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	189	94.7	200	0.114	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	66.0	% 43-149)						
Surrogate: 1-Chlorooctadecane	71.6	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 16 (2') (H223180-64)

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	07/22/2022	ND	2.09	104	2.00	8.36	
Toluene*	<0.050	0.050	07/22/2022	ND	2.17	109	2.00	9.11	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.18	109	2.00	7.85	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.61	110	6.00	6.60	
Total BTEX	<0.300	0.300	07/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	120 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/22/2022	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	07/22/2022	ND	176	88.2	200	3.10	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	189	94.7	200	0.114	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	66.5	% 43-149	1						
Surrogate: 1-Chlorooctadecane	72.1	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 17 (0-1') (H223180-65)

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	07/22/2022	ND	2.09	104	2.00	8.36	
Toluene*	<0.050	0.050	07/22/2022	ND	2.17	109	2.00	9.11	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.18	109	2.00	7.85	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.61	110	6.00	6.60	
Total BTEX	<0.300	0.300	07/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/22/2022	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	07/22/2022	ND	176	88.2	200	3.10	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	189	94.7	200	0.114	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	55.3	% 43-149)						
Surrogate: 1-Chlorooctadecane	58.8	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 17 (1') (H223180-66)

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	07/22/2022	ND	2.09	104	2.00	8.36	
Toluene*	<0.050	0.050	07/22/2022	ND	2.17	109	2.00	9.11	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.18	109	2.00	7.85	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.61	110	6.00	6.60	
Total BTEX	<0.300	0.300	07/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/22/2022	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	07/22/2022	ND	176	88.2	200	3.10	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	189	94.7	200	0.114	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	83.0 9	% 43-149)						
Surrogate: 1-Chlorooctadecane	91.79	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 17 (1.5') (H223180-67)

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	07/22/2022	ND	2.09	104	2.00	8.36	
Toluene*	<0.050	0.050	07/22/2022	ND	2.17	109	2.00	9.11	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.18	109	2.00	7.85	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.61	110	6.00	6.60	
Total BTEX	<0.300	0.300	07/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/22/2022	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	07/22/2022	ND	176	88.2	200	3.10	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	189	94.7	200	0.114	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	77.3	% 43-149)						
Surrogate: 1-Chlorooctadecane	83.9	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported:

07/26/2022 MERCILESS RELEASE

Project Name: Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 17 (2') (H223180-68)

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	07/22/2022	ND	2.09	104	2.00	8.36	
Toluene*	<0.050	0.050	07/22/2022	ND	2.17	109	2.00	9.11	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.18	109	2.00	7.85	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.61	110	6.00	6.60	
Total BTEX	<0.300	0.300	07/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/22/2022	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	07/22/2022	ND	176	88.2	200	3.10	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	189	94.7	200	0.114	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	74.6 9	% 43-149)						
Surrogate: 1-Chlorooctadecane	80.4	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 18 (0-1') (H223180-69)

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	07/22/2022	ND	2.09	104	2.00	8.36	
Toluene*	<0.050	0.050	07/22/2022	ND	2.17	109	2.00	9.11	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.18	109	2.00	7.85	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.61	110	6.00	6.60	
Total BTEX	<0.300	0.300	07/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/22/2022	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	07/22/2022	ND	176	88.2	200	3.10	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	189	94.7	200	0.114	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	63.7	% 43-149	1						
Surrogate: 1-Chlorooctadecane	68.0	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 18 (1') (H223180-70)

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	07/22/2022	ND	2.09	104	2.00	8.36	
Toluene*	<0.050	0.050	07/22/2022	ND	2.17	109	2.00	9.11	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.18	109	2.00	7.85	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.61	110	6.00	6.60	
Total BTEX	<0.300	0.300	07/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/22/2022	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	07/22/2022	ND	176	88.2	200	3.10	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	189	94.7	200	0.114	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	74.4	% 43-149)						
Surrogate: 1-Chlorooctadecane	80.3	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 18 (1.5') (H223180-71)

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	07/22/2022	ND	2.09	104	2.00	8.36	
Toluene*	<0.050	0.050	07/22/2022	ND	2.17	109	2.00	9.11	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.18	109	2.00	7.85	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.61	110	6.00	6.60	
Total BTEX	<0.300	0.300	07/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/22/2022	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	07/22/2022	ND	176	88.2	200	3.10	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	189	94.7	200	0.114	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	75.0	% 43-149)						
Surrogate: 1-Chlorooctadecane	81.4	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 18 (2') (H223180-72)

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	07/22/2022	ND	2.09	104	2.00	8.36	
Toluene*	<0.050	0.050	07/22/2022	ND	2.17	109	2.00	9.11	
Ethylbenzene*	<0.050	0.050	07/22/2022	ND	2.18	109	2.00	7.85	
Total Xylenes*	<0.150	0.150	07/22/2022	ND	6.61	110	6.00	6.60	
Total BTEX	<0.300	0.300	07/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/22/2022	ND	448	112	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	07/22/2022	ND	215	107	200	3.69	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	218	109	200	5.07	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	95.7	% 43-149	1						
Surrogate: 1-Chlorooctadecane	90.3	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

MERCILESS RELEASE

Project Name: MERC Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 19 (0-1') (H223180-73)

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	07/23/2022	ND	2.11	106	2.00	0.481	
Toluene*	<0.050	0.050	07/23/2022	ND	2.17	109	2.00	0.165	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.20	110	2.00	0.337	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.80	113	6.00	0.0336	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/22/2022	ND	448	112	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	07/22/2022	ND	215	107	200	3.69	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	218	109	200	5.07	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	76.8	% 43-149)						
Surrogate: 1-Chlorooctadecane	72.2	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 19 (1') (H223180-74)

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	07/23/2022	ND	2.11	106	2.00	0.481	
Toluene*	<0.050	0.050	07/23/2022	ND	2.17	109	2.00	0.165	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.20	110	2.00	0.337	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.80	113	6.00	0.0336	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	07/22/2022	ND	448	112	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	07/22/2022	ND	215	107	200	3.69	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	218	109	200	5.07	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	83.2 9	% 43-149	1						
Surrogate: 1-Chlorooctadecane	77.7 9	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

MERCILESS RELEASE

Project Name: MERC Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 19 (1.5') (H223180-75)

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	07/23/2022	ND	2.11	106	2.00	0.481	
Toluene*	<0.050	0.050	07/23/2022	ND	2.17	109	2.00	0.165	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.20	110	2.00	0.337	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.80	113	6.00	0.0336	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/22/2022	ND	448	112	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	07/22/2022	ND	215	107	200	3.69	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	218	109	200	5.07	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	92.5	% 43-149)						
Surrogate: 1-Chlorooctadecane	85.0	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 19 (2') (H223180-76)

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	07/23/2022	ND	2.11	106	2.00	0.481	
Toluene*	<0.050	0.050	07/23/2022	ND	2.17	109	2.00	0.165	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.20	110	2.00	0.337	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.80	113	6.00	0.0336	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/22/2022	ND	448	112	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	07/22/2022	ND	215	107	200	3.69	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	218	109	200	5.07	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	87.3	% 43-149	1						
Surrogate: 1-Chlorooctadecane	80.2	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 20 (0-1') (H223180-77)

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	07/23/2022	ND	2.11	106	2.00	0.481	
Toluene*	<0.050	0.050	07/23/2022	ND	2.17	109	2.00	0.165	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.20	110	2.00	0.337	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.80	113	6.00	0.0336	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/22/2022	ND	448	112	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	07/22/2022	ND	215	107	200	3.69	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	218	109	200	5.07	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	77.5	% 43-149	1						
Surrogate: 1-Chlorooctadecane	70.0	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 20 (1') (H223180-78)

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	07/23/2022	ND	2.11	106	2.00	0.481	
Toluene*	<0.050	0.050	07/23/2022	ND	2.17	109	2.00	0.165	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.20	110	2.00	0.337	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.80	113	6.00	0.0336	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	07/22/2022	ND	448	112	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	07/22/2022	ND	215	107	200	3.69	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	218	109	200	5.07	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	81.0	% 43-149	1						
Surrogate: 1-Chlorooctadecane	73.6	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 20 (1.5') (H223180-79)

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	07/23/2022	ND	2.11	106	2.00	0.481	
Toluene*	<0.050	0.050	07/23/2022	ND	2.17	109	2.00	0.165	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.20	110	2.00	0.337	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.80	113	6.00	0.0336	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/22/2022	ND	448	112	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	07/22/2022	ND	215	107	200	3.69	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	218	109	200	5.07	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	88.3	% 43-149	1						
Surrogate: 1-Chlorooctadecane	82.1	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 20 (2') (H223180-80)

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	07/23/2022	ND	2.11	106	2.00	0.481	
Toluene*	<0.050	0.050	07/23/2022	ND	2.17	109	2.00	0.165	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.20	110	2.00	0.337	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.80	113	6.00	0.0336	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/22/2022	ND	448	112	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	07/22/2022	ND	215	107	200	3.69	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	218	109	200	5.07	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	88.0	% 43-149	1						
Surrogate: 1-Chlorooctadecane	80.2	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 21 (0-1') (H223180-81)

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	07/23/2022	ND	2.11	106	2.00	0.481	
Toluene*	<0.050	0.050	07/23/2022	ND	2.17	109	2.00	0.165	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.20	110	2.00	0.337	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.80	113	6.00	0.0336	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	07/22/2022	ND	448	112	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	07/22/2022	ND	215	107	200	3.69	
DRO >C10-C28*	10.4	10.0	07/22/2022	ND	218	109	200	5.07	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	84.1	% 43-149	1						
Surrogate: 1-Chlorooctadecane	77.8	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 21 (1') (H223180-82)

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	07/23/2022	ND	2.11	106	2.00	0.481	
Toluene*	<0.050	0.050	07/23/2022	ND	2.17	109	2.00	0.165	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.20	110	2.00	0.337	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.80	113	6.00	0.0336	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	07/22/2022	ND	448	112	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	07/22/2022	ND	215	107	200	3.69	
DRO >C10-C28*	14.0	10.0	07/22/2022	ND	218	109	200	5.07	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	83.7	% 43-149)						
Surrogate: 1-Chlorooctadecane	78.8	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 21 (1.5') (H223180-83)

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	07/23/2022	ND	2.11	106	2.00	0.481	
Toluene*	<0.050	0.050	07/23/2022	ND	2.17	109	2.00	0.165	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.20	110	2.00	0.337	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.80	113	6.00	0.0336	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/22/2022	ND	448	112	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	07/22/2022	ND	215	107	200	3.69	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	218	109	200	5.07	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	86.4	% 43-149	1						
Surrogate: 1-Chlorooctadecane	80.1	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086
Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022 Sampling Type: Soil

Sampling Type: Sampling Condition:

Sample Received By:

Cool & Intact Tamara Oldaker

Sample ID: T - 21 (2') (H223180-84)

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	07/23/2022	ND	2.11	106	2.00	0.481	
Toluene*	<0.050	0.050	07/23/2022	ND	2.17	109	2.00	0.165	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.20	110	2.00	0.337	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.80	113	6.00	0.0336	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/22/2022	ND	448	112	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	07/22/2022	ND	215	107	200	3.69	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	218	109	200	5.07	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	84.4	% 43-149)						
Surrogate: 1-Chlorooctadecane	77.9	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 22 (0-1') (H223180-85)

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	07/23/2022	ND	2.11	106	2.00	0.481	
Toluene*	<0.050	0.050	07/23/2022	ND	2.17	109	2.00	0.165	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.20	110	2.00	0.337	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.80	113	6.00	0.0336	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	07/22/2022	ND	448	112	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	07/22/2022	ND	215	107	200	3.69	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	218	109	200	5.07	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	64.2	% 43-149)						
Surrogate: 1-Chlorooctadecane	58.7	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 22 (1') (H223180-86)

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	07/23/2022	ND	2.11	106	2.00	0.481	
Toluene*	<0.050	0.050	07/23/2022	ND	2.17	109	2.00	0.165	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.20	110	2.00	0.337	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.80	113	6.00	0.0336	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	07/22/2022	ND	448	112	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	07/22/2022	ND	215	107	200	3.69	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	218	109	200	5.07	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	81.0	% 43-149)						
Surrogate: 1-Chlorooctadecane	74.4	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 22 (1.5') (H223180-87)

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	07/25/2022	ND	2.15	107	2.00	2.93	
Toluene*	<0.050	0.050	07/25/2022	ND	2.18	109	2.00	2.02	
Ethylbenzene*	<0.050	0.050	07/25/2022	ND	2.24	112	2.00	2.88	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.85	114	6.00	2.57	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/22/2022	ND	448	112	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	07/22/2022	ND	215	107	200	3.69	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	218	109	200	5.07	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	88.8	% 43-149)						
Surrogate: 1-Chlorooctadecane	82.5	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 22 (2') (H223180-88)

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	07/25/2022	ND	2.15	107	2.00	2.93	
Toluene*	<0.050	0.050	07/25/2022	ND	2.18	109	2.00	2.02	
Ethylbenzene*	<0.050	0.050	07/25/2022	ND	2.24	112	2.00	2.88	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.85	114	6.00	2.57	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/22/2022	ND	448	112	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	07/22/2022	ND	215	107	200	3.69	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	218	109	200	5.07	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	85.9	% 43-149)						
Surrogate: 1-Chlorooctadecane	80.4	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

MERCILESS RELEASE

Project Name: MERC Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 23 (0-1') (H223180-89)

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	07/25/2022	ND	2.15	107	2.00	2.93	
Toluene*	<0.050	0.050	07/25/2022	ND	2.18	109	2.00	2.02	
Ethylbenzene*	<0.050	0.050	07/25/2022	ND	2.24	112	2.00	2.88	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.85	114	6.00	2.57	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/22/2022	ND	448	112	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	07/23/2022	ND	215	107	200	3.69	
DRO >C10-C28*	18.6	10.0	07/23/2022	ND	218	109	200	5.07	
EXT DRO >C28-C36	<10.0	10.0	07/23/2022	ND					
Surrogate: 1-Chlorooctane	82.8	% 43-149)						
Surrogate: 1-Chlorooctadecane	79.4	% 42.5-16	71						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 23 (1') (H223180-90)

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	07/25/2022	ND	2.15	107	2.00	2.93	
Toluene*	<0.050	0.050	07/25/2022	ND	2.18	109	2.00	2.02	
Ethylbenzene*	<0.050	0.050	07/25/2022	ND	2.24	112	2.00	2.88	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.85	114	6.00	2.57	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	07/22/2022	ND	448	112	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	07/23/2022	ND	215	107	200	3.69	
DRO >C10-C28*	24.3	10.0	07/23/2022	ND	218	109	200	5.07	
EXT DRO >C28-C36	<10.0	10.0	07/23/2022	ND					
Surrogate: 1-Chlorooctane	80.9	% 43-149	1						
Surrogate: 1-Chlorooctadecane	75.8	% 42.5-16	1						

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Notes and Definitions

QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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1	7/20	D												Sample Comments	NaOH+Ascorbic Acid: SAPC	Zn Acetate+NaOH: Zn	Na ₂ S ₂ O ₃ : NaSO ₃	NaHSO ₄ : NABIS	H	÷ (2 0	3 6	NO DI Water I	evroso	Other:	RRP		RC	nts	Page
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	Caller	Relinquished by: (Signature)	Mcarmona@	7/20/2022	7/20/2022	7/20/2022	7/20/2022	7/20/2022			7/20/2022		7/20/2022	ation Date	/	Yes No N/A	No	Yes No	Temp Blank:		CCM	Lea Co, NM	1086	Merciless Release	432-813-6823	Midland, TX 79701	310 W Wall St Ste 415	Carmona Resources	Conner Mohering			
		y: (Signature)	carmonaresources.com and Conner Moehring											Time	Corrected Temperature	Temperature Reading:	Correction Factor:		Yes No					ease								
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	Dromay	Rec																						ANALYSIS REQUEST		9706	Dr.					
	Matakee	Received by: (Signature)																						OUEST	Deliverables: EDD	Reporting:Level II Level III	State of Project:	Program: UST/PST PRP	Work		Work Order No:	
	7-20-22 1728	Date/Time												Sample Comments	NaOH+Ascorbic Acid: SAPC	Zn Acetate+NaOH- Zn	Nanso, Naso	Nouso Maris	H-BO - HB		9		INPAIR	Dronn Cala	ADaPT Other:	ST/UST RRP Level IV	[rownfields RC Sperfund		Page of	der No: H223180	



July 26, 2022

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

RE: MERCILESS RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 07/20/22 17:25.

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. Keene

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: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 23 (1.5') (H223181-01)

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	07/25/2022	ND	2.15	107	2.00	2.93	
Toluene*	<0.050	0.050	07/25/2022	ND	2.18	109	2.00	2.02	
Ethylbenzene*	<0.050	0.050	07/25/2022	ND	2.24	112	2.00	2.88	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.85	114	6.00	2.57	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/22/2022	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	07/23/2022	ND	215	107	200	3.69	
DRO >C10-C28*	<10.0	10.0	07/23/2022	ND	218	109	200	5.07	
EXT DRO >C28-C36	<10.0	10.0	07/23/2022	ND					
Surrogate: 1-Chlorooctane	86.0	% 43-149)						
Surrogate: 1-Chlorooctadecane	79.8	% 42.5-16	1						

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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: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 23 (2') (H223181-02)

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	07/25/2022	ND	2.15	107	2.00	2.93	
Toluene*	<0.050	0.050	07/25/2022	ND	2.18	109	2.00	2.02	
Ethylbenzene*	<0.050	0.050	07/25/2022	ND	2.24	112	2.00	2.88	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.85	114	6.00	2.57	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/22/2022	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	07/22/2022	ND	200	100	200	4.24	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	190	95.1	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	105	% 43-149)						
Surrogate: 1-Chlorooctadecane	108	% 42.5-16	1						

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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: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 24 (0-1') (H223181-03)

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	07/23/2022	ND	1.99	99.7	2.00	4.84	
Toluene*	<0.050	0.050	07/23/2022	ND	2.06	103	2.00	4.34	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.10	105	2.00	4.90	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.49	108	6.00	4.60	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	07/22/2022	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	07/22/2022	ND	200	100	200	4.24	
DRO >C10-C28*	29.0	10.0	07/22/2022	ND	190	95.1	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	102 9	% 43-149	1						
Surrogate: 1-Chlorooctadecane	105 9	% 42.5-16	1						

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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: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 24 (1') (H223181-04)

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	07/23/2022	ND	1.99	99.7	2.00	4.84	
Toluene*	<0.050	0.050	07/23/2022	ND	2.06	103	2.00	4.34	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.10	105	2.00	4.90	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.49	108	6.00	4.60	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	07/22/2022	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	07/22/2022	ND	200	100	200	4.24	
DRO >C10-C28*	31.0	10.0	07/22/2022	ND	190	95.1	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	104	% 43-149)						
Surrogate: 1-Chlorooctadecane	105	% 42.5-16	71						

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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: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 24 (1.5') (H223181-05)

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	07/23/2022	ND	1.99	99.7	2.00	4.84	
Toluene*	<0.050	0.050	07/23/2022	ND	2.06	103	2.00	4.34	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.10	105	2.00	4.90	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.49	108	6.00	4.60	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/22/2022	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	07/22/2022	ND	200	100	200	4.24	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	190	95.1	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	102	% 43-149)						
Surrogate: 1-Chlorooctadecane	105	% 42.5-16	1						

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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: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 24 (2') (H223181-06)

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	07/23/2022	ND	1.99	99.7	2.00	4.84	
Toluene*	<0.050	0.050	07/23/2022	ND	2.06	103	2.00	4.34	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.10	105	2.00	4.90	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.49	108	6.00	4.60	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/22/2022	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	07/22/2022	ND	200	100	200	4.24	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	190	95.1	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	77.4	% 43-149)						
Surrogate: 1-Chlorooctadecane	79.4	% 42.5-16	1						

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Celey D. Kreine



Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

MERCILESS RELEASE

Project Name: MERC Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 25 (0-1') (H223181-07)

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2022	ND	1.99	99.7	2.00	4.84	
Toluene*	<0.050	0.050	07/23/2022	ND	2.06	103	2.00	4.34	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.10	105	2.00	4.90	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.49	108	6.00	4.60	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	07/22/2022	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	07/22/2022	ND	200	100	200	4.24	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	190	95.1	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	79.1	% 43-149)						
Surrogate: 1-Chlorooctadecane	80.5	% 42.5-16	1						

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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: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 25 (1') (H223181-08)

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	07/23/2022	ND	1.99	99.7	2.00	4.84	
Toluene*	<0.050	0.050	07/23/2022	ND	2.06	103	2.00	4.34	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.10	105	2.00	4.90	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.49	108	6.00	4.60	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM				4.84 4.34 4.90	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	07/22/2022	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	07/22/2022	ND	200	100	200	4.24	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	190	95.1	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	98.9	% 43-149	1						
Surrogate: 1-Chlorooctadecane	100 9	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 25 (1.5') (H223181-09)

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	07/23/2022	ND	1.99	99.7	2.00	4.84	
Toluene*	<0.050	0.050	07/23/2022	ND	2.06	103	2.00	4.34	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.10	105	2.00	4.90	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.49	108	6.00	4.60	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PI	D 118	% 69.9-14	10						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/22/2022	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	07/22/2022	ND	200	100	200	4.24	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	190	95.1	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	85.1	% 43-149)						
Surrogate: 1-Chlorooctadecane	87.8	% 42.5-16	51						
Surrogate: 1-Chlorooctadecane	87.8	% 42.5-16	61						

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Analytical Results For:

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

Received: 07/20/2022 Reported:

07/26/2022 MERCILESS RELEASE

Project Name: Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 25 (2') (H223181-10)

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	07/23/2022	ND	1.99	99.7	2.00	4.84	
Toluene*	<0.050	0.050	07/23/2022	ND	2.06	103	2.00	4.34	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.10	105	2.00	4.90	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.49	108	6.00	4.60	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/22/2022	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	07/22/2022	ND	200	100	200	4.24	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	190	95.1	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	114 %	6 43-149	1						
Surrogate: 1-Chlorooctadecane	116 9	6 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 26 (0-1') (H223181-11)

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	07/25/2022	ND	1.99	99.7	2.00	4.84	
Toluene*	<0.050	0.050	07/25/2022	ND	2.06	103	2.00	4.34	
Ethylbenzene*	<0.050	0.050	07/25/2022	ND	2.10	105	2.00	4.90	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.49	108	6.00	4.60	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/22/2022	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	07/22/2022	ND	200	100	200	4.24	
DRO >C10-C28*	10.6	10.0	07/22/2022	ND	190	95.1	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	96.0	% 43-149)						
Surrogate: 1-Chlorooctadecane	97.9	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 26 (1') (H223181-12)

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	07/25/2022	ND	1.99	99.7	2.00	4.84	
Toluene*	<0.050	0.050	07/25/2022	ND	2.06	103	2.00	4.34	
Ethylbenzene*	<0.050	0.050	07/25/2022	ND	2.10	105	2.00	4.90	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.49	108	6.00	4.60	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	07/22/2022	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	07/23/2022	ND	200	100	200	4.24	
DRO >C10-C28*	<10.0	10.0	07/23/2022	ND	190	95.1	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	07/23/2022	ND					
Surrogate: 1-Chlorooctane	75.3	% 43-149	1						
Surrogate: 1-Chlorooctadecane	79.2	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 26 (1.5') (H223181-13)

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	07/25/2022	ND	1.99	99.7	2.00	4.84	
Toluene*	<0.050	0.050	07/25/2022	ND	2.06	103	2.00	4.34	
Ethylbenzene*	<0.050	0.050	07/25/2022	ND	2.10	105	2.00	4.90	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.49	108	6.00	4.60	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/22/2022	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	07/23/2022	ND	200	100	200	4.24	
DRO >C10-C28*	10.7	10.0	07/23/2022	ND	190	95.1	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	07/23/2022	ND					
Surrogate: 1-Chlorooctane	109	% 43-149)						
Surrogate: 1-Chlorooctadecane	111 9	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 26 (2') (H223181-14)

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	07/25/2022	ND	1.99	99.7	2.00	4.84	
Toluene*	<0.050	0.050	07/25/2022	ND	2.06	103	2.00	4.34	
Ethylbenzene*	<0.050	0.050	07/25/2022	ND	2.10	105	2.00	4.90	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.49	108	6.00	4.60	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/22/2022	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	07/23/2022	ND	200	100	200	4.24	
DRO >C10-C28*	<10.0	10.0	07/23/2022	ND	190	95.1	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	07/23/2022	ND					
Surrogate: 1-Chlorooctane	99.9	% 43-149	1						
Surrogate: 1-Chlorooctadecane	102 9	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 27 (0-1') (H223181-15)

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	07/25/2022	ND	1.99	99.7	2.00	4.84	
Toluene*	<0.050	0.050	07/25/2022	ND	2.06	103	2.00	4.34	
Ethylbenzene*	<0.050	0.050	07/25/2022	ND	2.10	105	2.00	4.90	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.49	108	6.00	4.60	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/22/2022	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	07/23/2022	ND	200	100	200	4.24	
DRO >C10-C28*	41.8	10.0	07/23/2022	ND	190	95.1	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	07/23/2022	ND					
Surrogate: 1-Chlorooctane	91.4	% 43-149)						
Surrogate: 1-Chlorooctadecane	93.9	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 27 (1') (H223181-16)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/25/2022	ND	1.99	99.7	2.00	4.84	
Toluene*	<0.050	0.050	07/25/2022	ND	2.06	103	2.00	4.34	
Ethylbenzene*	<0.050	0.050	07/25/2022	ND	2.10	105	2.00	4.90	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.49	108	6.00	4.60	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/22/2022	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	07/23/2022	ND	200	100	200	4.24	
DRO >C10-C28*	31.0	10.0	07/23/2022	ND	190	95.1	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	07/23/2022	ND					
Surrogate: 1-Chlorooctane	101	% 43-149)						
Surrogate: 1-Chlorooctadecane	107	% 42.5-16	1						

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: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 27 (1.5') (H223181-17)

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	07/25/2022	ND	1.99	99.7	2.00	4.84	
Toluene*	<0.050	0.050	07/25/2022	ND	2.06	103	2.00	4.34	
Ethylbenzene*	<0.050	0.050	07/25/2022	ND	2.10	105	2.00	4.90	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.49	108	6.00	4.60	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/22/2022	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	07/23/2022	ND	200	100	200	4.24	
DRO >C10-C28*	<10.0	10.0	07/23/2022	ND	190	95.1	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	07/23/2022	ND					
Surrogate: 1-Chlorooctane	88.0	% 43-149)						
Surrogate: 1-Chlorooctadecane	91.0	% 42.5-16	71						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 27 (2') (H223181-18)

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	07/25/2022	ND	1.99	99.7	2.00	4.84	
Toluene*	<0.050	0.050	07/25/2022	ND	2.06	103	2.00	4.34	
Ethylbenzene*	<0.050	0.050	07/25/2022	ND	2.10	105	2.00	4.90	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.49	108	6.00	4.60	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/22/2022	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	07/23/2022	ND	200	100	200	4.24	
DRO >C10-C28*	<10.0	10.0	07/23/2022	ND	190	95.1	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	07/23/2022	ND					
Surrogate: 1-Chlorooctane	113	% 43-149)						
Surrogate: 1-Chlorooctadecane	120	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 28 (0-1') (H223181-19)

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	07/25/2022	ND	1.99	99.7	2.00	4.84	
Toluene*	<0.050	0.050	07/25/2022	ND	2.06	103	2.00	4.34	
Ethylbenzene*	<0.050	0.050	07/25/2022	ND	2.10	105	2.00	4.90	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.49	108	6.00	4.60	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/22/2022	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	07/23/2022	ND	200	100	200	4.24	
DRO >C10-C28*	49.9	10.0	07/23/2022	ND	190	95.1	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	07/23/2022	ND					
Surrogate: 1-Chlorooctane	98.4	% 43-149)						
Surrogate: 1-Chlorooctadecane	104	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 28 (1') (H223181-20)

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	07/25/2022	ND	1.99	99.7	2.00	4.84	
Toluene*	<0.050	0.050	07/25/2022	ND	2.06	103	2.00	4.34	
Ethylbenzene*	<0.050	0.050	07/25/2022	ND	2.10	105	2.00	4.90	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.49	108	6.00	4.60	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/22/2022	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	07/23/2022	ND	200	100	200	4.24	
DRO >C10-C28*	68.3	10.0	07/23/2022	ND	190	95.1	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	07/23/2022	ND					
Surrogate: 1-Chlorooctane	104	% 43-149)						
Surrogate: 1-Chlorooctadecane	112	% 42.5-16	71						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 28 (1.5') (H223181-21)

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	07/25/2022	ND	1.99	99.7	2.00	4.84	
Toluene*	<0.050	0.050	07/25/2022	ND	2.06	103	2.00	4.34	
Ethylbenzene*	<0.050	0.050	07/25/2022	ND	2.10	105	2.00	4.90	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.49	108	6.00	4.60	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/22/2022	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	07/23/2022	ND	200	100	200	4.24	
DRO >C10-C28*	<10.0	10.0	07/23/2022	ND	190	95.1	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	07/23/2022	ND					
Surrogate: 1-Chlorooctane	109	% 43-149)						
Surrogate: 1-Chlorooctadecane	109	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 28 (2') (H223181-22)

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	07/25/2022	ND	1.99	99.7	2.00	4.84	
Toluene*	<0.050	0.050	07/25/2022	ND	2.06	103	2.00	4.34	
Ethylbenzene*	<0.050	0.050	07/25/2022	ND	2.10	105	2.00	4.90	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.49	108	6.00	4.60	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/22/2022	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	07/22/2022	ND	207	104	200	2.61	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	196	98.1	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	92.2	% 43-149	1						
Surrogate: 1-Chlorooctadecane	98.0	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 29 (0-1') (H223181-23)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/25/2022	ND	1.88	94.0	2.00	1.21	
Toluene*	<0.050	0.050	07/25/2022	ND	2.17	108	2.00	5.94	
Ethylbenzene*	<0.050	0.050	07/25/2022	ND	2.13	106	2.00	6.28	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.72	112	6.00	6.66	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/22/2022	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	07/22/2022	ND	207	104	200	2.61	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	196	98.1	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	78.8	% 43-149)						
Surrogate: 1-Chlorooctadecane	83.1	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 29 (1') (H223181-24)

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	07/25/2022	ND	1.88	94.0	2.00	1.21	
Toluene*	<0.050	0.050	07/25/2022	ND	2.17	108	2.00	5.94	
Ethylbenzene*	<0.050	0.050	07/25/2022	ND	2.13	106	2.00	6.28	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.72	112	6.00	6.66	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/22/2022	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	07/22/2022	ND	207	104	200	2.61	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	196	98.1	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	102	% 43-149)						
Surrogate: 1-Chlorooctadecane	107	% 42.5-16	71						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 29 (1.5') (H223181-25)

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	07/25/2022	ND	1.88	94.0	2.00	1.21	
Toluene*	<0.050	0.050	07/25/2022	ND	2.17	108	2.00	5.94	
Ethylbenzene*	<0.050	0.050	07/25/2022	ND	2.13	106	2.00	6.28	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.72	112	6.00	6.66	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/22/2022	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	07/22/2022	ND	207	104	200	2.61	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	196	98.1	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	88.0	% 43-149	,						
Surrogate: 1-Chlorooctadecane	92.9	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 29 (2') (H223181-26)

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	07/25/2022	ND	1.88	94.0	2.00	1.21	
Toluene*	<0.050	0.050	07/25/2022	ND	2.17	108	2.00	5.94	
Ethylbenzene*	< 0.050	0.050	07/25/2022	ND	2.13	106	2.00	6.28	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.72	112	6.00	6.66	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/22/2022	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	07/22/2022	ND	207	104	200	2.61	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	196	98.1	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	89.0	% 43-149)						
Surrogate: 1-Chlorooctadecane	95.8	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

MERCILESS RELEASE

Project Name: MERC Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 30 (0-1') (H223181-27)

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	07/25/2022	ND	1.88	94.0	2.00	1.21	
Toluene*	<0.050	0.050	07/25/2022	ND	2.17	108	2.00	5.94	
Ethylbenzene*	< 0.050	0.050	07/25/2022	ND	2.13	106	2.00	6.28	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.72	112	6.00	6.66	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/22/2022	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	07/22/2022	ND	207	104	200	2.61	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	196	98.1	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	98.6	% 43-149)						
Surrogate: 1-Chlorooctadecane	103	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 30 (1') (H223181-28)

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	07/25/2022	ND	1.88	94.0	2.00	1.21	
Toluene*	<0.050	0.050	07/25/2022	ND	2.17	108	2.00	5.94	
Ethylbenzene*	< 0.050	0.050	07/25/2022	ND	2.13	106	2.00	6.28	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.72	112	6.00	6.66	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	07/22/2022	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	07/22/2022	ND	207	104	200	2.61	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	196	98.1	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	83.8	% 43-149)						
Surrogate: 1-Chlorooctadecane	86.0	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 30 (1.5') (H223181-29)

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	07/25/2022	ND	1.88	94.0	2.00	1.21	
Toluene*	<0.050	0.050	07/25/2022	ND	2.17	108	2.00	5.94	
Ethylbenzene*	<0.050	0.050	07/25/2022	ND	2.13	106	2.00	6.28	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.72	112	6.00	6.66	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/25/2022	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	07/22/2022	ND	207	104	200	2.61	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	196	98.1	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	106	% 43-149)						
Surrogate: 1-Chlorooctadecane	115	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

07/26/2022 MERCILESS RELEASE

Project Name: MERC Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 30 (2') (H223181-30)

PRECOVERY True Va 94.0 2.0 108 2.0 106 2.0 112 6.0	1.21 00 5.94 00 6.28	Qualifier
108 2.0 106 2.0	5.94 00 6.28	
106 2.0	00 6.28	
112 6.0	00 6.66	
Recovery True Va	llue QC RPD	Qualifier
100 40	00 3.92	
Recovery True Va	llue QC RPD	Qualifier
104 20	00 2.61	
98.1 20	00 3.37	
	100 40 Recovery True Va 104 20	100 400 3.92 Recovery True Value QC RPD 104 200 2.61

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 31 (0-1') (H223181-31)

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	07/25/2022	ND	1.88	94.0	2.00	1.21	
Toluene*	<0.050	0.050	07/25/2022	ND	2.17	108	2.00	5.94	
Ethylbenzene*	<0.050	0.050	07/25/2022	ND	2.13	106	2.00	6.28	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.72	112	6.00	6.66	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	07/25/2022	ND	400	100	400	3.92	
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	07/23/2022	ND	207	104	200	2.61	
DRO >C10-C28*	<10.0	10.0	07/23/2022	ND	196	98.1	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	07/23/2022	ND					
Surrogate: 1-Chlorooctane	87.5	% 43-149)						
Surrogate: 1-Chlorooctadecane	89.4	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 31 (1') (H223181-32)

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	07/25/2022	ND	1.88	94.0	2.00	1.21	
Toluene*	<0.050	0.050	07/25/2022	ND	2.17	108	2.00	5.94	
Ethylbenzene*	<0.050	0.050	07/25/2022	ND	2.13	106	2.00	6.28	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.72	112	6.00	6.66	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	07/25/2022	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	07/23/2022	ND	207	104	200	2.61	
DRO >C10-C28*	<10.0	10.0	07/23/2022	ND	196	98.1	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	07/23/2022	ND					
Surrogate: 1-Chlorooctane	104 9	% 43-149	1						
Surrogate: 1-Chlorooctadecane	107 9	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 31 (1.5') (H223181-33)

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	07/25/2022	ND	1.88	94.0	2.00	1.21	
Toluene*	<0.050	0.050	07/25/2022	ND	2.17	108	2.00	5.94	
Ethylbenzene*	<0.050	0.050	07/25/2022	ND	2.13	106	2.00	6.28	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.72	112	6.00	6.66	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/25/2022	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	07/23/2022	ND	207	104	200	2.61	
DRO >C10-C28*	<10.0	10.0	07/23/2022	ND	196	98.1	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	07/23/2022	ND					
Surrogate: 1-Chlorooctane	99.0	% 43-149)						
Surrogate: 1-Chlorooctadecane	103	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 31 (2') (H223181-34)

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	07/25/2022	ND	1.88	94.0	2.00	1.21	
Toluene*	<0.050	0.050	07/25/2022	ND	2.17	108	2.00	5.94	
Ethylbenzene*	<0.050	0.050	07/25/2022	ND	2.13	106	2.00	6.28	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.72	112	6.00	6.66	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/25/2022	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	07/23/2022	ND	207	104	200	2.61	
DRO >C10-C28*	<10.0	10.0	07/23/2022	ND	196	98.1	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	07/23/2022	ND					
Surrogate: 1-Chlorooctane	108	% 43-149)						
Surrogate: 1-Chlorooctadecane	114	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 32 (0-1') (H223181-35)

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	07/25/2022	ND	1.88	94.0	2.00	1.21	
Toluene*	<0.050	0.050	07/25/2022	ND	2.17	108	2.00	5.94	
Ethylbenzene*	<0.050	0.050	07/25/2022	ND	2.13	106	2.00	6.28	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.72	112	6.00	6.66	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	07/25/2022	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	07/23/2022	ND	207	104	200	2.61	
DRO >C10-C28*	<10.0	10.0	07/23/2022	ND	196	98.1	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	07/23/2022	ND					
Surrogate: 1-Chlorooctane	80.1	% 43-149)						
Surrogate: 1-Chlorooctadecane	84.7	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 32 (1') (H223181-36)

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	07/25/2022	ND	1.88	94.0	2.00	1.21	
Toluene*	<0.050	0.050	07/25/2022	ND	2.17	108	2.00	5.94	
Ethylbenzene*	<0.050	0.050	07/25/2022	ND	2.13	106	2.00	6.28	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.72	112	6.00	6.66	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	07/25/2022	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	07/23/2022	ND	207	104	200	2.61	
DRO >C10-C28*	<10.0	10.0	07/23/2022	ND	196	98.1	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	07/23/2022	ND					
Surrogate: 1-Chlorooctane	77.2	% 43-149	1						
Surrogate: 1-Chlorooctadecane	78.6	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 32 (1.5') (H223181-37)

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	07/25/2022	ND	1.88	94.0	2.00	1.21	
Toluene*	<0.050	0.050	07/25/2022	ND	2.17	108	2.00	5.94	
Ethylbenzene*	<0.050	0.050	07/25/2022	ND	2.13	106	2.00	6.28	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.72	112	6.00	6.66	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/25/2022	ND	400	100	400	3.92	
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	07/23/2022	ND	207	104	200	2.61	
DRO >C10-C28*	<10.0	10.0	07/23/2022	ND	196	98.1	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	07/23/2022	ND					
Surrogate: 1-Chlorooctane	97.9	% 43-149)						
Surrogate: 1-Chlorooctadecane	105	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022

Reported: 07/26/2022 Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 32 (2') (H223181-38)

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	07/25/2022	ND	1.88	94.0	2.00	1.21	
Toluene*	<0.050	0.050	07/25/2022	ND	2.17	108	2.00	5.94	
Ethylbenzene*	<0.050	0.050	07/25/2022	ND	2.13	106	2.00	6.28	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.72	112	6.00	6.66	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/25/2022	ND	400	100	400	3.92	
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	07/23/2022	ND	207	104	200	2.61	
DRO >C10-C28*	<10.0	10.0	07/23/2022	ND	196	98.1	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	07/23/2022	ND					
Surrogate: 1-Chlorooctane	94.0	% 43-149)						
Surrogate: 1-Chlorooctadecane	97.5	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 33 (0-1') (H223181-39)

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	07/25/2022	ND	1.88	94.0	2.00	1.21	
Toluene*	<0.050	0.050	07/25/2022	ND	2.17	108	2.00	5.94	
Ethylbenzene*	<0.050	0.050	07/25/2022	ND	2.13	106	2.00	6.28	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.72	112	6.00	6.66	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	07/25/2022	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	07/23/2022	ND	207	104	200	2.61	
DRO >C10-C28*	4010	10.0	07/23/2022	ND	196	98.1	200	3.37	
EXT DRO >C28-C36	485	10.0	07/23/2022	ND					
Surrogate: 1-Chlorooctane	88.0	% 43-149)						
Surrogate: 1-Chlorooctadecane	226 9	42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 33 (1') (H223181-40)

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	07/25/2022	ND	1.88	94.0	2.00	1.21	
Toluene*	<0.050	0.050	07/25/2022	ND	2.17	108	2.00	5.94	
Ethylbenzene*	<0.050	0.050	07/25/2022	ND	2.13	106	2.00	6.28	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.72	112	6.00	6.66	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	07/25/2022	ND	400	100	400	3.92	
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	07/23/2022	ND	207	104	200	2.61	
DRO >C10-C28*	1260	10.0	07/23/2022	ND	196	98.1	200	3.37	
EXT DRO >C28-C36	142	10.0	07/23/2022	ND					
Surrogate: 1-Chlorooctane	91.1	% 43-149)						
Surrogate: 1-Chlorooctadecane	148	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 33 (1.5') (H223181-41)

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	07/25/2022	ND	1.88	94.0	2.00	1.21	
Toluene*	<0.050	0.050	07/25/2022	ND	2.17	108	2.00	5.94	
Ethylbenzene*	<0.050	0.050	07/25/2022	ND	2.13	106	2.00	6.28	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.72	112	6.00	6.66	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/25/2022	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	07/23/2022	ND	207	104	200	2.61	
DRO >C10-C28*	<10.0	10.0	07/23/2022	ND	196	98.1	200	3.37	
EXT DRO >C28-C36	<10.0	10.0	07/23/2022	ND					
Surrogate: 1-Chlorooctane	95.8	% 43-149)						
Surrogate: 1-Chlorooctadecane	99.7	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: T - 33 (2') (H223181-42)

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	07/25/2022	ND	1.88	94.0	2.00	1.21	
Toluene*	<0.050	0.050	07/25/2022	ND	2.17	108	2.00	5.94	
Ethylbenzene*	<0.050	0.050	07/25/2022	ND	2.13	106	2.00	6.28	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.72	112	6.00	6.66	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/25/2022	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	07/22/2022	ND	186	93.1	200	3.61	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	191	95.3	200	6.39	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	74.4	% 43-149	1						
Surrogate: 1-Chlorooctadecane	86.3	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: H - 1 (0-0.5) (H223181-43)

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	07/25/2022	ND	1.88	93.8	2.00	5.05	
Toluene*	<0.050	0.050	07/25/2022	ND	2.09	104	2.00	3.78	
Ethylbenzene*	<0.050	0.050	07/25/2022	ND	2.04	102	2.00	5.33	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.42	107	6.00	5.03	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	07/25/2022	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	07/22/2022	ND	186	93.1	200	3.61	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	191	95.3	200	6.39	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	78.6	% 43-149)						
Surrogate: 1-Chlorooctadecane	91.5	% 42.5-16	1						

Applyzod By: 14

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: H - 2 (0-0.5) (H223181-44)

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	07/25/2022	ND	1.88	93.8	2.00	5.05	
Toluene*	<0.050	0.050	07/25/2022	ND	2.09	104	2.00	3.78	
Ethylbenzene*	<0.050	0.050	07/25/2022	ND	2.04	102	2.00	5.33	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.42	107	6.00	5.03	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/25/2022	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	07/22/2022	ND	186	93.1	200	3.61	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	191	95.3	200	6.39	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	81.4	% 43-149	1						
Surrogate: 1-Chlorooctadecane	94.6	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: H - 3 (0-0.5) (H223181-45)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/25/2022	ND	1.88	93.8	2.00	5.05	
Toluene*	<0.050	0.050	07/25/2022	ND	2.09	104	2.00	3.78	
Ethylbenzene*	<0.050	0.050	07/25/2022	ND	2.04	102	2.00	5.33	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.42	107	6.00	5.03	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/25/2022	ND	400	100	400	3.92	
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	07/22/2022	ND	186	93.1	200	3.61	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	191	95.3	200	6.39	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	86.1	% 43-149)						
Surrogate: 1-Chlorooctadecane	101	% 42.5-16	1						

Applyzod By: 14

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: H - 4 (0-0.5) (H223181-46)

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	07/25/2022	ND	1.88	93.8	2.00	5.05	
Toluene*	<0.050	0.050	07/25/2022	ND	2.09	104	2.00	3.78	
Ethylbenzene*	<0.050	0.050	07/25/2022	ND	2.04	102	2.00	5.33	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.42	107	6.00	5.03	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/25/2022	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	07/22/2022	ND	186	93.1	200	3.61	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	191	95.3	200	6.39	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	86.7	% 43-149	1						
Surrogate: 1-Chlorooctadecane	101 9	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: H - 5 (0-0.5) (H223181-47)

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	07/25/2022	ND	1.88	93.8	2.00	5.05	
Toluene*	<0.050	0.050	07/25/2022	ND	2.09	104	2.00	3.78	
Ethylbenzene*	<0.050	0.050	07/25/2022	ND	2.04	102	2.00	5.33	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.42	107	6.00	5.03	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/25/2022	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	07/22/2022	ND	186	93.1	200	3.61	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	191	95.3	200	6.39	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	88.4	% 43-149)						
Surrogate: 1-Chlorooctadecane	104	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

MERCILESS RELEASE

Project Name: MERC Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: H - 6 (0-0.5) (H223181-48)

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	07/25/2022	ND	1.88	93.8	2.00	5.05	
Toluene*	<0.050	0.050	07/25/2022	ND	2.09	104	2.00	3.78	
Ethylbenzene*	<0.050	0.050	07/25/2022	ND	2.04	102	2.00	5.33	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.42	107	6.00	5.03	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/25/2022	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	07/22/2022	ND	186	93.1	200	3.61	
DRO >C10-C28*	<10.0	10.0	07/22/2022	ND	191	95.3	200	6.39	
EXT DRO >C28-C36	<10.0	10.0	07/22/2022	ND					
Surrogate: 1-Chlorooctane	83.6	% 43-149)						
Surrogate: 1-Chlorooctadecane	98.4	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: H - 7 (0-0.5) (H223181-49)

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	07/25/2022	ND	1.88	93.8	2.00	5.05	
Toluene*	<0.050	0.050	07/25/2022	ND	2.09	104	2.00	3.78	
Ethylbenzene*	<0.050	0.050	07/25/2022	ND	2.04	102	2.00	5.33	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.42	107	6.00	5.03	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/25/2022	ND	416	104	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	07/23/2022	ND	186	93.1	200	3.61	
DRO >C10-C28*	<10.0	10.0	07/23/2022	ND	191	95.3	200	6.39	
EXT DRO >C28-C36	<10.0	10.0	07/23/2022	ND					
Surrogate: 1-Chlorooctane	74.8	% 43-149)						
Surrogate: 1-Chlorooctadecane	88.0	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

MERCILESS RELEASE

Project Name: MERC Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: H - 8 (0-0.5) (H223181-50)

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	07/25/2022	ND	1.88	93.8	2.00	5.05	
Toluene*	<0.050	0.050	07/25/2022	ND	2.09	104	2.00	3.78	
Ethylbenzene*	<0.050	0.050	07/25/2022	ND	2.04	102	2.00	5.33	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.42	107	6.00	5.03	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/25/2022	ND	416	104	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	07/23/2022	ND	186	93.1	200	3.61	
DRO >C10-C28*	<10.0	10.0	07/23/2022	ND	191	95.3	200	6.39	
EXT DRO >C28-C36	<10.0	10.0	07/23/2022	ND					
Surrogate: 1-Chlorooctane	78.4	% 43-149)						
Surrogate: 1-Chlorooctadecane	91.7	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: H - 9 (0-0.5) (H223181-51)

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	07/25/2022	ND	1.88	93.8	2.00	5.05	
Toluene*	<0.050	0.050	07/25/2022	ND	2.09	104	2.00	3.78	
Ethylbenzene*	<0.050	0.050	07/25/2022	ND	2.04	102	2.00	5.33	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.42	107	6.00	5.03	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/25/2022	ND	416	104	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	07/23/2022	ND	186	93.1	200	3.61	
DRO >C10-C28*	<10.0	10.0	07/23/2022	ND	191	95.3	200	6.39	
EXT DRO >C28-C36	<10.0	10.0	07/23/2022	ND					
Surrogate: 1-Chlorooctane	77.9	% 43-149)						
Surrogate: 1-Chlorooctadecane	91.1	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

MERCILESS RELEASE

Project Name: MERC Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: H - 10 (0-0.5) (H223181-52)

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	07/25/2022	ND	1.88	93.8	2.00	5.05	
Toluene*	<0.050	0.050	07/25/2022	ND	2.09	104	2.00	3.78	
Ethylbenzene*	< 0.050	0.050	07/25/2022	ND	2.04	102	2.00	5.33	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.42	107	6.00	5.03	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/25/2022	ND	416	104	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	07/23/2022	ND	186	93.1	200	3.61	
DRO >C10-C28*	<10.0	10.0	07/23/2022	ND	191	95.3	200	6.39	
EXT DRO >C28-C36	<10.0	10.0	07/23/2022	ND					
Surrogate: 1-Chlorooctane	81.0	% 43-149)						
Surrogate: 1-Chlorooctadecane	95.3	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported:

07/26/2022 Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: H - 11 (0-0.5) (H223181-53)

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	07/25/2022	ND	1.88	93.8	2.00	5.05	
Toluene*	<0.050	0.050	07/25/2022	ND	2.09	104	2.00	3.78	
Ethylbenzene*	<0.050	0.050	07/25/2022	ND	2.04	102	2.00	5.33	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.42	107	6.00	5.03	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/25/2022	ND	416	104	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	07/23/2022	ND	186	93.1	200	3.61	
DRO >C10-C28*	<10.0	10.0	07/23/2022	ND	191	95.3	200	6.39	
EXT DRO >C28-C36	<10.0	10.0	07/23/2022	ND					
Surrogate: 1-Chlorooctane	78.9	% 43-149	1						
Surrogate: 1-Chlorooctadecane	92.6	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

MERCILESS RELEASE

Project Name: MERC Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: H - 12 (0-0.5) (H223181-54)

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	07/25/2022	ND	1.88	93.8	2.00	5.05	
Toluene*	<0.050	0.050	07/25/2022	ND	2.09	104	2.00	3.78	
Ethylbenzene*	<0.050	0.050	07/25/2022	ND	2.04	102	2.00	5.33	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.42	107	6.00	5.03	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/25/2022	ND	416	104	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	07/23/2022	ND	186	93.1	200	3.61	
DRO >C10-C28*	<10.0	10.0	07/23/2022	ND	191	95.3	200	6.39	
EXT DRO >C28-C36	<10.0	10.0	07/23/2022	ND					
Surrogate: 1-Chlorooctane	81.8	% 43-149)						
Surrogate: 1-Chlorooctadecane	96.2	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: H - 13 (0-0.5) (H223181-55)

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	07/25/2022	ND	1.88	93.8	2.00	5.05	
Toluene*	<0.050	0.050	07/25/2022	ND	2.09	104	2.00	3.78	
Ethylbenzene*	<0.050	0.050	07/25/2022	ND	2.04	102	2.00	5.33	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.42	107	6.00	5.03	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/25/2022	ND	416	104	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	07/23/2022	ND	186	93.1	200	3.61	
DRO >C10-C28*	<10.0	10.0	07/23/2022	ND	191	95.3	200	6.39	
EXT DRO >C28-C36	<10.0	10.0	07/23/2022	ND					
Surrogate: 1-Chlorooctane	82.8	% 43-149	1						
Surrogate: 1-Chlorooctadecane	97.5	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: H - 14 (0-0.5) (H223181-56)

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	07/25/2022	ND	1.88	93.8	2.00	5.05	
Toluene*	<0.050	0.050	07/25/2022	ND	2.09	104	2.00	3.78	
Ethylbenzene*	<0.050	0.050	07/25/2022	ND	2.04	102	2.00	5.33	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.42	107	6.00	5.03	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/25/2022	ND	416	104	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	07/23/2022	ND	186	93.1	200	3.61	
DRO >C10-C28*	<10.0	10.0	07/23/2022	ND	191	95.3	200	6.39	
EXT DRO >C28-C36	<10.0	10.0	07/23/2022	ND					
Surrogate: 1-Chlorooctane	77.4	% 43-149)						
Surrogate: 1-Chlorooctadecane	93.2	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: H - 15 (0-0.5) (H223181-57)

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	07/25/2022	ND	1.88	93.8	2.00	5.05	
Toluene*	<0.050	0.050	07/25/2022	ND	2.09	104	2.00	3.78	
Ethylbenzene*	< 0.050	0.050	07/25/2022	ND	2.04	102	2.00	5.33	
Total Xylenes*	<0.150	0.150	07/25/2022	ND	6.42	107	6.00	5.03	
Total BTEX	<0.300	0.300	07/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/25/2022	ND	416	104	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	07/23/2022	ND	186	93.1	200	3.61	
DRO >C10-C28*	<10.0	10.0	07/23/2022	ND	191	95.3	200	6.39	
EXT DRO >C28-C36	<10.0	10.0	07/23/2022	ND					
Surrogate: 1-Chlorooctane	76.2	% 43-149)						
Surrogate: 1-Chlorooctadecane	91.4	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: H - 16 (0-0.5) (H223181-58)

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	07/26/2022	ND	1.88	93.8	2.00	5.05	
Toluene*	<0.050	0.050	07/26/2022	ND	2.09	104	2.00	3.78	
Ethylbenzene*	<0.050	0.050	07/26/2022	ND	2.04	102	2.00	5.33	
Total Xylenes*	<0.150	0.150	07/26/2022	ND	6.42	107	6.00	5.03	
Total BTEX	<0.300	0.300	07/26/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/25/2022	ND	416	104	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	07/23/2022	ND	186	93.1	200	3.61	
DRO >C10-C28*	<10.0	10.0	07/23/2022	ND	191	95.3	200	6.39	
EXT DRO >C28-C36	<10.0	10.0	07/23/2022	ND					
Surrogate: 1-Chlorooctane	77.6	% 43-149)						
Surrogate: 1-Chlorooctadecane	91.3	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: H - 17 (0-0.5) (H223181-59)

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	07/26/2022	ND	1.88	93.8	2.00	5.05	
Toluene*	<0.050	0.050	07/26/2022	ND	2.09	104	2.00	3.78	
Ethylbenzene*	<0.050	0.050	07/26/2022	ND	2.04	102	2.00	5.33	
Total Xylenes*	<0.150	0.150	07/26/2022	ND	6.42	107	6.00	5.03	
Total BTEX	<0.300	0.300	07/26/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/25/2022	ND	416	104	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	07/23/2022	ND	186	93.1	200	3.61	
DRO >C10-C28*	<10.0	10.0	07/23/2022	ND	191	95.3	200	6.39	
EXT DRO >C28-C36	<10.0	10.0	07/23/2022	ND					
Surrogate: 1-Chlorooctane	79.8	% 43-149	1						
Surrogate: 1-Chlorooctadecane	92.4	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

MERCILESS RELEASE

Project Name: MERC Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: H - 18 (0-0.5) (H223181-60)

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	07/26/2022	ND	1.88	93.8	2.00	5.05	
Toluene*	<0.050	0.050	07/26/2022	ND	2.09	104	2.00	3.78	
Ethylbenzene*	<0.050	0.050	07/26/2022	ND	2.04	102	2.00	5.33	
Total Xylenes*	<0.150	0.150	07/26/2022	ND	6.42	107	6.00	5.03	
Total BTEX	<0.300	0.300	07/26/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/25/2022	ND	416	104	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	07/23/2022	ND	186	93.1	200	3.61	
DRO >C10-C28*	<10.0	10.0	07/23/2022	ND	191	95.3	200	6.39	
EXT DRO >C28-C36	<10.0	10.0	07/23/2022	ND					
Surrogate: 1-Chlorooctane	80.8	% 43-149)						
Surrogate: 1-Chlorooctadecane	95.7	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: H - 19 (0-0.5) (H223181-61)

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	07/26/2022	ND	1.88	93.8	2.00	5.05	
Toluene*	<0.050	0.050	07/26/2022	ND	2.09	104	2.00	3.78	
Ethylbenzene*	<0.050	0.050	07/26/2022	ND	2.04	102	2.00	5.33	
Total Xylenes*	<0.150	0.150	07/26/2022	ND	6.42	107	6.00	5.03	
Total BTEX	<0.300	0.300	07/26/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/25/2022	ND	416	104	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	07/23/2022	ND	186	93.1	200	3.61	
DRO >C10-C28*	<10.0	10.0	07/23/2022	ND	191	95.3	200	6.39	
EXT DRO >C28-C36	<10.0	10.0	07/23/2022	ND					
Surrogate: 1-Chlorooctane	76.9	% 43-149)						
Surrogate: 1-Chlorooctadecane	90.6	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: H - 20 (0-0.5) (H223181-62)

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	07/26/2022	ND	1.88	93.8	2.00	5.05	
Toluene*	<0.050	0.050	07/26/2022	ND	2.09	104	2.00	3.78	
Ethylbenzene*	<0.050	0.050	07/26/2022	ND	2.04	102	2.00	5.33	
Total Xylenes*	<0.150	0.150	07/26/2022	ND	6.42	107	6.00	5.03	
Total BTEX	<0.300	0.300	07/26/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/25/2022	ND	416	104	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	07/25/2022	ND	182	91.0	200	0.444	
DRO >C10-C28*	<10.0	10.0	07/25/2022	ND	192	96.2	200	0.0629	
EXT DRO >C28-C36	<10.0	10.0	07/25/2022	ND					
Surrogate: 1-Chlorooctane	74.6	% 43-149)						
Surrogate: 1-Chlorooctadecane	82.5	% 42.5-16							

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: H - 21 (0-0.5) (H223181-63)

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	07/23/2022	ND	2.03	102	2.00	3.32	
Toluene*	<0.050	0.050	07/23/2022	ND	2.08	104	2.00	3.60	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.10	105	2.00	3.52	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.42	107	6.00	4.10	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/25/2022	ND	416	104	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	07/25/2022	ND	182	91.0	200	0.444	
DRO >C10-C28*	<10.0	10.0	07/25/2022	ND	192	96.2	200	0.0629	
EXT DRO >C28-C36	<10.0	10.0	07/25/2022	ND					
Surrogate: 1-Chlorooctane	75.3	% 43-149	1						
Surrogate: 1-Chlorooctadecane	84.8	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: H - 22 (0-0.5) (H223181-64)

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	07/23/2022	ND	2.03	102	2.00	3.32	
Toluene*	<0.050	0.050	07/23/2022	ND	2.08	104	2.00	3.60	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.10	105	2.00	3.52	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.42	107	6.00	4.10	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/25/2022	ND	416	104	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	07/25/2022	ND	182	91.0	200	0.444	
DRO >C10-C28*	<10.0	10.0	07/25/2022	ND	192	96.2	200	0.0629	
EXT DRO >C28-C36	<10.0	10.0	07/25/2022	ND					
Surrogate: 1-Chlorooctane	76.3 9	% 43-149)						
Surrogate: 1-Chlorooctadecane	84.8 9	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: H - 23 (0-0.5) (H223181-65)

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	07/23/2022	ND	2.03	102	2.00	3.32	
Toluene*	<0.050	0.050	07/23/2022	ND	2.08	104	2.00	3.60	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.10	105	2.00	3.52	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.42	107	6.00	4.10	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/25/2022	ND	416	104	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	07/25/2022	ND	182	91.0	200	0.444	
DRO >C10-C28*	<10.0	10.0	07/25/2022	ND	192	96.2	200	0.0629	
EXT DRO >C28-C36	<10.0	10.0	07/25/2022	ND					
Surrogate: 1-Chlorooctane	72.8	% 43-149)						
Surrogate: 1-Chlorooctadecane	81.7	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/20/2022 Reported: 07/26/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 07/20/2022

Sampling Type: Soil

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

Sample ID: H - 24 (0-0.5) (H223181-66)

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	07/23/2022	ND	2.03	102	2.00	3.32	
Toluene*	<0.050	0.050	07/23/2022	ND	2.08	104	2.00	3.60	
Ethylbenzene*	<0.050	0.050	07/23/2022	ND	2.10	105	2.00	3.52	
Total Xylenes*	<0.150	0.150	07/23/2022	ND	6.42	107	6.00	4.10	
Total BTEX	<0.300	0.300	07/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/25/2022	ND	416	104	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	07/25/2022	ND	182	91.0	200	0.444	
DRO >C10-C28*	<10.0	10.0	07/25/2022	ND	192	96.2	200	0.0629	
EXT DRO >C28-C36	<10.0	10.0	07/25/2022	ND					
Surrogate: 1-Chlorooctane	71.8	% 43-149)						
Surrogate: 1-Chlorooctadecane	79.7	% 42.5-16	1						

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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-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.

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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Celeg D. Freene

		10/	/14/2022 10: mail to: Mike Carmona				T-25 (0-1')	T-24 (2')	T-24 (1.5')	T-24 (1')	T-24 (0-1")	T-23 (2')	T-23 (1.5')	Sample Identification	Total Containers:	Tatal Continue Seals	Sample Custody Seals	Received Intact	SAMPLE RECEIPT	70#	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone:	ate ZIP:		y Name:		
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	7.													Sample	NaOH+Ascorbic Acid: SAPC	Zn Acetate+NaOH: Zn	Na ₂ S ₂ O ₃ : NaSO ₃	NaHSO ₄ : NABIS	H,PO.: HP	H ₂ S0 ₄ : H ₂	HCL: HC	NOIR. NO	Preservative Codes	Dracas	Other:	RRP		s RC	ments	Work Order No: Page of
	-05	Date/Time												Sample Comments	ic Acid: S	OH: Zn	03	S		NaOH: Na	HNO.: HN	DIW	DI WI	ation o	.5	_		- 1		of 8
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NaOH: Na

of

Page 70 of 75

1720

Project Manager: Conn Company Name: Carm Address: 310 v City, State ZIP: Midla Phone: 432-8 Project Number: Project Location Sampler's Name: PO #: SAMPLE RECEIPT	Conner Mohering Carmona Resources 310 W Wall St Ste 415 Midland, TX 79701 432-813-6823 Merciless Release 1086 Lea Co, NM CCM Temp Blank:		Email: Turn Routine Due Date:	Bill to: (if different) Company Name: EOG Resource Address: City, State ZIP: Midland, Texa Email: James Kennedy@eogresources.com Turn Around Pres. e Rush Code AR AR AR AR AR AR AR AR AR A	eters Code Progress	James Kennedy EOG Resources 5509 Champions Dr. Midland, Texas 79706 Sources.com	nnedy nurces npions Dr. exas 7970	Prog State Repo Deliv	Program: UST/PST PRP State of Project: Reporting:Level II Level III Deliverables: EDD
Project Location Sampler's Name: PO #:	Lea Co, NI CCM	M	Due Date:	Į.	Code	MRO)			
SAMPLE RECEIPT	Temp Blank:	Yes M	Wet Ice:	Xes No	neters		00		
Received Intact:	8	Thermometer ID:		113	aram		de 45		
Sample Custody Seals:	Yes No NIA	Temperature Reading:	ading:	2.100	P	BTEX M (GF	Chlori		
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Sample Identification		Time	Soil	Water Comp	# of Cont	TPH			
T-28 (1.5')	7/20/2022		×	G	1	×	×		
T-28 (2')	7/20/2022		×	9	_	\vdash	×		
T-29 (1')	7/20/2022		××	G G	4 -	× ×	××		
T-29 (1.5')	7/20/2022		×	G	_	+	×	-	
T-29 (2')	7/20/2022		×	G	-	+	×		
T-30 (0-1')	7/20/2022		×	9	-	Н	×		
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T-30 (2')	7/20/2022		××	G G		× ×	××		
14/2022 10: mail to: Mike Carmona Mcarmona		@carmonaresources.com and Conner		Moehring@carmonaresources.com	nonareso	urces.co		-	
	Relinquished	Relinquished by: (Signature)			Da	Date/Time		Re	Received by: (Signature)
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		(0/	14/2022 10:4 	1				T-32 (1")	55 T-32 (0-1')	H T-31 (2')	3 T-31 (1.5')	T-31 (1')	T-31 (0-1")	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:	City, State ZIP:	Address:	Company Name:	Project Manager:	Page 219
141	1	R	Carmona Mcarmona		13)	5')		1)		5'))	1)	ification		Yes								N	432-813-6823	Midland, TX 79701	310 W Wall St Ste 415	Carmona Resources	Conner Mohering	
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		(Signature)	aresources.co											Time	Corrected Temperature	Temperature Reading:	Correction Facto	Thermometer ID:	Yes (No					ase						
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2172	Date/Time	1												nments	id: SAPC	Zn			NaOn, Iva	HNO3: HN	MEOH: Me	DI Water. H ₂ O	Sanona	2		Level IV		berfund		
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	R		D	to: Mike Carmona Mcarmona@carmonaresources.com and Conner Moehring@carmonaresources.com				0.5)	0.5)	0.5)	0.5)	0.5)	0.5)	tification			Yes Yes	×						-	432-813-6823	Midland, TX 79701	310 W Wall St Ste 415	Carmona Resources	Conner Monering	Opposition
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August 11, 2022

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

RE: MERCILESS RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 08/10/22 8:00.

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)

Accreditation applies to public drinking water matrices.

Celey D. Keene

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: 08/10/2022 Reported: 08/11/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 08/08/2022

Sampling Type: Soil

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

Sample ID: CS - 1 (1.5') (H223571-01)

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	08/10/2022	ND	1.87	93.3	2.00	7.61	QR-03
Toluene*	<0.050	0.050	08/10/2022	ND	1.86	93.0	2.00	3.59	
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	1.81	90.6	2.00	6.58	
Total Xylenes*	<0.150	0.150	08/10/2022	ND	5.63	93.8	6.00	8.19	
Total BTEX	<0.300	0.300	08/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.6	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/10/2022	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	08/10/2022	ND	223	112	200	9.96	
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	214	107	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND					
Surrogate: 1-Chlorooctane	90.5	% 43-149)						
Surrogate: 1-Chlorooctadecane	88.5	% 42.5-16	1						

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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: 08/10/2022 Reported: 08/11/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 08/08/2022

Sampling Type: Soil

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

Sample ID: CS - 2 (1.5') (H223571-02)

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	08/10/2022	ND	1.87	93.3	2.00	7.61	
Toluene*	<0.050	0.050	08/10/2022	ND	1.86	93.0	2.00	3.59	
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	1.81	90.6	2.00	6.58	
Total Xylenes*	<0.150	0.150	08/10/2022	ND	5.63	93.8	6.00	8.19	
Total BTEX	<0.300	0.300	08/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.6	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/10/2022	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	08/10/2022	ND	223	112	200	9.96	
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	214	107	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND					
Surrogate: 1-Chlorooctane	113 9	6 43-149	1						
Surrogate: 1-Chlorooctadecane	112 9	6 42.5-16	1						

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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: 08/10/2022 Reported: 08/11/2022

MERCILESS RELEASE

Project Number: 1086

Project Name:

Project Location: EOG - LEA CO., NM Sampling Date: 08/08/2022

Sampling Type: Soil

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

Sample ID: CS - 3 (1.5') (H223571-03)

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	08/10/2022	ND	1.87	93.3	2.00	7.61	
Toluene*	<0.050	0.050	08/10/2022	ND	1.86	93.0	2.00	3.59	
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	1.81	90.6	2.00	6.58	
Total Xylenes*	<0.150	0.150	08/10/2022	ND	5.63	93.8	6.00	8.19	
Total BTEX	<0.300	0.300	08/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.9	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/10/2022	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	08/10/2022	ND	223	112	200	9.96	
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	214	107	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND					
Surrogate: 1-Chlorooctane	87.5	% 43-149)						
Surrogate: 1-Chlorooctadecane	88.0	% 42.5-16	1						

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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: 08/10/2022 Reported: 08/11/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 08/08/2022

Sampling Type: Soil

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

Sample ID: CS - 4 (1.5') (H223571-04)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/10/2022	ND	1.87	93.3	2.00	7.61	
Toluene*	<0.050	0.050	08/10/2022	ND	1.86	93.0	2.00	3.59	
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	1.81	90.6	2.00	6.58	
Total Xylenes*	<0.150	0.150	08/10/2022	ND	5.63	93.8	6.00	8.19	
Total BTEX	<0.300	0.300	08/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/10/2022	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	08/10/2022	ND	223	112	200	9.96	
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	214	107	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND					
Surrogate: 1-Chlorooctane	89.8	% 43-149)						
Surrogate: 1-Chlorooctadecane	88.3	% 42.5-16	1						

Analyzed By: JH

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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: 08/10/2022 Reported: 08/11/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 08/08/2022

Sampling Type: Soil

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

Sample ID: CS - 5 (1.5') (H223571-05)

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	08/10/2022	ND	1.87	93.3	2.00	7.61	
Toluene*	<0.050	0.050	08/10/2022	ND	1.86	93.0	2.00	3.59	
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	1.81	90.6	2.00	6.58	
Total Xylenes*	<0.150	0.150	08/10/2022	ND	5.63	93.8	6.00	8.19	
Total BTEX	<0.300	0.300	08/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/10/2022	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	08/10/2022	ND	223	112	200	9.96	
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	214	107	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND					
Surrogate: 1-Chlorooctane	91.9	% 43-149	1						
Surrogate: 1-Chlorooctadecane	90.2	% 42.5-16	1						

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Analytical Results For:

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

Received: 08/10/2022 Reported: 08/11/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 08/08/2022

Sampling Type: Soil

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

Sample ID: CS - 6 (1.5') (H223571-06)

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	08/10/2022	ND	1.87	93.3	2.00	7.61	
Toluene*	<0.050	0.050	08/10/2022	ND	1.86	93.0	2.00	3.59	
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	1.81	90.6	2.00	6.58	
Total Xylenes*	<0.150	0.150	08/10/2022	ND	5.63	93.8	6.00	8.19	
Total BTEX	<0.300	0.300	08/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/10/2022	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	08/10/2022	ND	223	112	200	9.96	
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	214	107	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND					
Surrogate: 1-Chlorooctane	104	% 43-149)						
Surrogate: 1-Chlorooctadecane	104	% 42.5-16	1						

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Analytical Results For:

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

Received: 08/10/2022 Reported: 08/11/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 08/08/2022

Sampling Type: Soil

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

Sample ID: SW - 1 (1.5') (H223571-07)

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	08/10/2022	ND	1.87	93.3	2.00	7.61	
Toluene*	<0.050	0.050	08/10/2022	ND	1.86	93.0	2.00	3.59	
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	1.81	90.6	2.00	6.58	
Total Xylenes*	<0.150	0.150	08/10/2022	ND	5.63	93.8	6.00	8.19	
Total BTEX	<0.300	0.300	08/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/10/2022	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	08/10/2022	ND	223	112	200	9.96	
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	214	107	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND					
Surrogate: 1-Chlorooctane	89.4	% 43-149	1						
Surrogate: 1-Chlorooctadecane	87.3	% 42.5-16	1						

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Analytical Results For:

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

Received: 08/10/2022 Reported: 08/11/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 08/08/2022

Sampling Type: Soil

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

Sample ID: SW - 2 (1.5') (H223571-08)

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	08/10/2022	ND	1.87	93.3	2.00	7.61	
Toluene*	<0.050	0.050	08/10/2022	ND	1.86	93.0	2.00	3.59	
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	1.81	90.6	2.00	6.58	
Total Xylenes*	<0.150	0.150	08/10/2022	ND	5.63	93.8	6.00	8.19	
Total BTEX	<0.300	0.300	08/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/10/2022	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	08/10/2022	ND	223	112	200	9.96	
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	214	107	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND					
Surrogate: 1-Chlorooctane	87.6	% 43-149)						
Surrogate: 1-Chlorooctadecane	90.5	% 42.5-16	1						

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Analytical Results For:

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

Received: 08/10/2022 Reported: 08/11/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 08/08/2022

Sampling Type: Soil

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

Sample ID: SW - 3 (1.5') (H223571-09)

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	08/10/2022	ND	1.87	93.3	2.00	7.61	
Toluene*	<0.050	0.050	08/10/2022	ND	1.86	93.0	2.00	3.59	
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	1.81	90.6	2.00	6.58	
Total Xylenes*	<0.150	0.150	08/10/2022	ND	5.63	93.8	6.00	8.19	
Total BTEX	<0.300	0.300	08/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/10/2022	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	08/10/2022	ND	223	112	200	9.96	
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	214	107	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND					
Surrogate: 1-Chlorooctane	66.7	% 43-149)						
Surrogate: 1-Chlorooctadecane	64.4	% 42.5-16	1						

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Analytical Results For:

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

Received: 08/10/2022 Reported: 08/11/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 08/08/2022

Sampling Type: Soil

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

Sample ID: SW - 4 (1.5') (H223571-10)

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	08/10/2022	ND	1.87	93.3	2.00	7.61	
Toluene*	<0.050	0.050	08/10/2022	ND	1.86	93.0	2.00	3.59	
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	1.81	90.6	2.00	6.58	
Total Xylenes*	<0.150	0.150	08/10/2022	ND	5.63	93.8	6.00	8.19	
Total BTEX	<0.300	0.300	08/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/10/2022	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	08/10/2022	ND	223	112	200	9.96	
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	214	107	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND					
Surrogate: 1-Chlorooctane	78.7	% 43-149	1						
Surrogate: 1-Chlorooctadecane	80.0	% 42.5-16	1						

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Analytical Results For:

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

Received: 08/10/2022 Reported: 08/11/2022

MERCILESS RELEASE

Project Name: MERC Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 08/08/2022

Sampling Type: Soil

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

Sample ID: SW - 5 (1.5') (H223571-11)

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	08/10/2022	ND	1.87	93.3	2.00	7.61	
Toluene*	<0.050	0.050	08/10/2022	ND	1.86	93.0	2.00	3.59	
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	1.81	90.6	2.00	6.58	
Total Xylenes*	<0.150	0.150	08/10/2022	ND	5.63	93.8	6.00	8.19	
Total BTEX	<0.300	0.300	08/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/10/2022	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	08/10/2022	ND	223	112	200	9.96	
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	214	107	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND					
Surrogate: 1-Chlorooctane	99.2	% 43-149)						
Surrogate: 1-Chlorooctadecane	102	% 42.5-16	1						

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Analytical Results For:

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

Received: 08/10/2022 Reported: 08/11/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 08/08/2022

Sampling Type: Soil

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

Sample ID: SW - 6 (1.5') (H223571-12)

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	08/10/2022	ND	1.87	93.3	2.00	7.61	
Toluene*	<0.050	0.050	08/10/2022	ND	1.86	93.0	2.00	3.59	
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	1.81	90.6	2.00	6.58	
Total Xylenes*	<0.150	0.150	08/10/2022	ND	5.63	93.8	6.00	8.19	
Total BTEX	<0.300	0.300	08/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/10/2022	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	08/10/2022	ND	223	112	200	9.96	
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	214	107	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND					
Surrogate: 1-Chlorooctane	86.9	% 43-149	1						
Surrogate: 1-Chlorooctadecane	86.0	% 42.5-16	1						

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Analytical Results For:

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

Received: 08/10/2022 Reported: 08/11/2022

MERCILESS RELEASE

Project Name: MERC Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 08/08/2022

Sampling Type: Soil

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

Sample ID: SW - 7 (1.5') (H223571-13)

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	08/10/2022	ND	1.87	93.3	2.00	7.61	
Toluene*	<0.050	0.050	08/10/2022	ND	1.86	93.0	2.00	3.59	
Ethylbenzene*	< 0.050	0.050	08/10/2022	ND	1.81	90.6	2.00	6.58	
Total Xylenes*	<0.150	0.150	08/10/2022	ND	5.63	93.8	6.00	8.19	
Total BTEX	<0.300	0.300	08/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/10/2022	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	08/10/2022	ND	223	112	200	9.96	
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	214	107	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND					
Surrogate: 1-Chlorooctane	86.7	% 43-149)						
Surrogate: 1-Chlorooctadecane	83.9	% 42.5-16	1						

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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: 08/10/2022 Reported: 08/11/2022

MERCILESS RELEASE

Project Name: MERC Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 08/08/2022

Sampling Type: Soil

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

Sample ID: SW - 8 (1.5') (H223571-14)

Benzene* <0.050 0.050 08/10/2022 ND 1.87 Toluene* <0.050 0.050 08/10/2022 ND 1.86 Ethylbenzene* <0.050 0.050 08/10/2022 ND 1.81 Total Xylenes* <0.150 0.150 08/10/2022 ND 5.63	93.3 93.0 90.6 93.8	True Value QC 2.00 2.00 2.00 6.00	7.61 3.59 6.58 8.19	Qualifier
Toluene* <0.050 0.050 08/10/2022 ND 1.86 Ethylbenzene* <0.050 0.050 08/10/2022 ND 1.81 Total Xylenes* <0.150 0.150 08/10/2022 ND 5.63	93.0 90.6	2.00 2.00	3.59 6.58	
Ethylbenzene* <0.050 0.050 08/10/2022 ND 1.81 Total Xylenes* <0.150 0.150 08/10/2022 ND 5.63	90.6	2.00	6.58	
Total Xylenes* <0.150 0.150 08/10/2022 ND 5.63				
• • • • • • • • • • • • • • • • • • • •	93.8	6.00	8.19	
Total BTEX <0.300 0.300 08/10/2022 ND				
Surrogate: 4-Bromofluorobenzene (PID 100 % 69.9-140				
Chloride, SM4500Cl-B mg/kg Analyzed By: GM				
Analyte Result Reporting Limit Analyzed Method Blank BS %	% Recovery	True Value QC	RPD	Qualifier
Chloride 32.0 16.0 08/10/2022 ND 432	108	400	0.00	
TPH 8015M mg/kg Analyzed By: MS				
Analyte Result Reporting Limit Analyzed Method Blank BS 9	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10* <10.0 10.0 08/10/2022 ND 223	112	200	9.96	
DRO >C10-C28* <10.0 10.0 08/10/2022 ND 214	107	200	1.67	
EXT DRO >C28-C36 <10.0 10.0 08/10/2022 ND				
Surrogate: 1-Chlorooctane 92.5 % 43-149				
Surrogate: 1-Chlorooctadecane 91.3 % 42.5-161				

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Analytical Results For:

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

Received: 08/10/2022 Reported: 08/11/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 08/08/2022

Sampling Type: Soil

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

Sample ID: SW - 9 (1.5') (H223571-15)

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	08/10/2022	ND	1.87	93.3	2.00	7.61		
Toluene*	<0.050	0.050	08/10/2022	ND	1.86	93.0	2.00	3.59		
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	1.81	90.6	2.00	6.58		
Total Xylenes*	<0.150	0.150	08/10/2022	ND	5.63	93.8	6.00	8.19		
Total BTEX	<0.300	0.300	08/10/2022	ND						
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0							
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/10/2022	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	08/10/2022	ND	223	112	200	9.96		
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	214	107	200	1.67		
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND						
Surrogate: 1-Chlorooctane	101	% 43-149)							
Surrogate: 1-Chlorooctadecane	99.4	% 42.5-16	1							

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Analytical Results For:

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

Received: 08/10/2022 Reported: 08/11/2022

MERCILESS RELEASE

Project Name: MERO Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 08/08/2022

Sampling Type: Soil

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

Sample ID: SW - 10 (1.5') (H223571-16)

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	08/10/2022	ND	1.87	93.3	2.00	7.61	
Toluene*	<0.050	0.050	08/10/2022	ND	1.86	93.0	2.00	3.59	
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	1.81	90.6	2.00	6.58	
Total Xylenes*	<0.150	0.150	08/10/2022	ND	5.63	93.8	6.00	8.19	
Total BTEX	<0.300	0.300	08/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/10/2022	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	08/10/2022	ND	223	112	200	9.96	
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	214	107	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND					
Surrogate: 1-Chlorooctane	99.2	% 43-149)						
Surrogate: 1-Chlorooctadecane	97.1	% 42.5-16	1						

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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: 08/10/2022 Reported: 08/11/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 08/08/2022

Sampling Type: Soil

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

Sample ID: SW - 11 (1.5') (H223571-17)

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	08/10/2022	ND	1.87	93.3	2.00	7.61	
Toluene*	<0.050	0.050	08/10/2022	ND	1.86	93.0	2.00	3.59	
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	1.81	90.6	2.00	6.58	
Total Xylenes*	<0.150	0.150	08/10/2022	ND	5.63	93.8	6.00	8.19	
Total BTEX	<0.300	0.300	08/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/10/2022	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	08/10/2022	ND	223	112	200	9.96	
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	214	107	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND					
Surrogate: 1-Chlorooctane	88.2	% 43-149	1						
Surrogate: 1-Chlorooctadecane	85.9	% 42.5-16	1						

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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: 08/10/2022 Reported: 08/11/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 08/08/2022

Sampling Type: Soil

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

Sample ID: SW - 12 (1.5') (H223571-18)

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	08/10/2022	ND	1.87	93.3	2.00	7.61	
Toluene*	<0.050	0.050	08/10/2022	ND	1.86	93.0	2.00	3.59	
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	1.81	90.6	2.00	6.58	
Total Xylenes*	<0.150	0.150	08/10/2022	ND	5.63	93.8	6.00	8.19	
Total BTEX	<0.300	0.300	08/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/10/2022	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	08/10/2022	ND	223	112	200	9.96	
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	214	107	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND					
Surrogate: 1-Chlorooctane	92.9	% 43-149)						
Surrogate: 1-Chlorooctadecane	91.9	% 42.5-16	1						

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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.

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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Acceptable Acc		Midland, TX 7970	31			City, State ZIF	Ģ	Midia	and, Text	as 79706			Level III	LRRP LLevel IV
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Number: 1086	Name:	Mer	ciless Rele	ase	Turn	Around					AI	NALYSIS	REQUEST	Preservative Codes
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CS-1 (1.5) 8/8/2022 X C 1 X	Sample Iden	tification	Date	Time	Soil			nt of	ТР					Sample Comments
CS-2 (1.5) 8/8/2022 X C 1 X	CS-1 (1	.5')	8/8/2022		×			_		×		-		
CS-3 (1.5) 8/8/2022 X C 1 X	CS-2 (1	.5")	8/8/2022		×		-	-	-	×		-		
CS.4 (1.5) 8/8/2022 X C 1 X	CS-3 (1	.5")	8/8/2022		×				\vdash	×		+		
CS-5 (1.5) 8/8/2022 X C 1 X X X C CS-6 (1.5) 8/8/2022 X C 1 X	CS-4 (1	1.5')	8/8/2022		×			H	\vdash	×		+		
CS-6 (1.5) 8/8/2022 X C 1 X	CS-5 (1	.5")	8/8/2022		×			L	-	×		-		
SW-1 (1.5) 8/8/2022 X C 1 X	CS-6 (1.5")	8/8/2022		×					×				
SW-2 (1.5) 8/8/2022 X C 1 X	SW-1 (1.5")	8/8/2022		×		-	-	+	×		-		
SW-3 (1.5') 8/8/2022 X C 1 X	SW-2 (1.5)	8/8/2022		×		-	-	+	×		-		
SW-4 (1.5) 8/8/2022 X C 1 X X X X X X X X X X X X	SW-3 (1.5')	8/8/2022		×					×		-		
Mike Carmona Mcarmona@carmonaresources.com and Conner Moehring@carmonaresources.com Relinquished by: (Signature) Received by: (Signature) Date/Time \$\left(10\left(2\left) \infty \i	SW-4 (1.5')	8/8/2022		×		C	×		×		-		
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Project Manager: Commet Nothering Commet Not



August 11, 2022

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

RE: MERCILESS RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 08/10/22 16:40.

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. Keene

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: 08/10/2022 Reported: 08/11/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 08/10/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact

Sample Received By: Shalyn Rodriguez

Sample ID: CS - 7 (1.5') (H223601-01)

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	08/11/2022	ND	1.91	95.7	2.00	1.02	
Toluene*	<0.050	0.050	08/11/2022	ND	2.03	101	2.00	0.297	
Ethylbenzene*	<0.050	0.050	08/11/2022	ND	2.08	104	2.00	0.813	
Total Xylenes*	<0.150	0.150	08/11/2022	ND	6.35	106	6.00	1.38	
Total BTEX	<0.300	0.300	08/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	08/11/2022	ND	416	104	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	08/10/2022	ND	212	106	200	4.94	
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	222	111	200	3.78	
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND					
Surrogate: 1-Chlorooctane	84.5	% 43-149	1						
Surrogate: 1-Chlorooctadecane	87.1	% 42.5-16	1						

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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: 08/10/2022 Reported: 08/11/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 08/10/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Sample ID: CS - 8 (1.5') (H223601-02)

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	08/11/2022	ND	1.91	95.7	2.00	1.02	
Toluene*	<0.050	0.050	08/11/2022	ND	2.03	101	2.00	0.297	
Ethylbenzene*	<0.050	0.050	08/11/2022	ND	2.08	104	2.00	0.813	
Total Xylenes*	<0.150	0.150	08/11/2022	ND	6.35	106	6.00	1.38	
Total BTEX	<0.300	0.300	08/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/11/2022	ND	416	104	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	08/11/2022	ND	212	106	200	4.94	
DRO >C10-C28*	28.4	10.0	08/11/2022	ND	222	111	200	3.78	
EXT DRO >C28-C36	15.9	10.0	08/11/2022	ND					
Surrogate: 1-Chlorooctane	94.7	% 43-149)						
Surrogate: 1-Chlorooctadecane	98.8	% 42.5-16	1						

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Analytical Results For:

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

Received: 08/10/2022 Reported: 08/11/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 08/10/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 9 (1.5') (H223601-03)

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	08/11/2022	ND	1.91	95.7	2.00	1.02	
Toluene*	<0.050	0.050	08/11/2022	ND	2.03	101	2.00	0.297	
Ethylbenzene*	<0.050	0.050	08/11/2022	ND	2.08	104	2.00	0.813	
Total Xylenes*	<0.150	0.150	08/11/2022	ND	6.35	106	6.00	1.38	
Total BTEX	<0.300	0.300	08/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	08/11/2022	ND	416	104	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	08/11/2022	ND	212	106	200	4.94	
DRO >C10-C28*	<10.0	10.0	08/11/2022	ND	222	111	200	3.78	
EXT DRO >C28-C36	<10.0	10.0	08/11/2022	ND					
Surrogate: 1-Chlorooctane	94.9	% 43-149)						
Surrogate: 1-Chlorooctadecane	97.4	% 42.5-16	1						

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Analytical Results For:

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

Received: 08/10/2022 Reported: 08/11/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 08/10/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Sample ID: CS - 10 (1.5') (H223601-04)

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	08/11/2022	ND	1.91	95.7	2.00	1.02	
Toluene*	<0.050	0.050	08/11/2022	ND	2.03	101	2.00	0.297	
Ethylbenzene*	<0.050	0.050	08/11/2022	ND	2.08	104	2.00	0.813	
Total Xylenes*	<0.150	0.150	08/11/2022	ND	6.35	106	6.00	1.38	
Total BTEX	<0.300	0.300	08/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/11/2022	ND	416	104	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	08/11/2022	ND	212	106	200	4.94	
DRO >C10-C28*	<10.0	10.0	08/11/2022	ND	222	111	200	3.78	
EXT DRO >C28-C36	<10.0	10.0	08/11/2022	ND					
Surrogate: 1-Chlorooctane	78.4	% 43-149	1						
Surrogate: 1-Chlorooctadecane	79.0	% 42.5-16	1						

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Sample Received By:

08/10/2022

Shalyn Rodriguez

Analytical Results For:

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

Received: 08/10/2022 Sampling Date:
Reported: 08/11/2022 Sampling Type:

Reported: 08/11/2022 Sampling Type: Soil
Project Name: MERCILESS RELEASE Sampling Condition: Cool & Intact

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sample ID: CS - 11 (1.5') (H223601-05)

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	08/11/2022	ND	1.91	95.7	2.00	1.02	
Toluene*	<0.050	0.050	08/11/2022	ND	2.03	101	2.00	0.297	
Ethylbenzene*	<0.050	0.050	08/11/2022	ND	2.08	104	2.00	0.813	
Total Xylenes*	<0.150	0.150	08/11/2022	ND	6.35	106	6.00	1.38	
Total BTEX	<0.300	0.300	08/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/11/2022	ND	416	104	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	08/11/2022	ND	212	106	200	4.94	
DRO >C10-C28*	<10.0	10.0	08/11/2022	ND	222	111	200	3.78	
EXT DRO >C28-C36	<10.0	10.0	08/11/2022	ND					
Surrogate: 1-Chlorooctane	98.6	% 43-149)						

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Celey D. Keene

Surrogate: 1-Chlorooctadecane

Celey D. Keene, Lab Director/Quality Manager

102 %

42.5-161



Sample Received By:

08/10/2022

Shalyn Rodriguez

Analytical Results For:

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

Fax To:

Received: 08/10/2022 Sampling Date:

Reported: 08/11/2022 Sampling Type: Soil Project Name: MERCILESS RELEASE Sampling Condition: Cool & Intact

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sample ID: CS - 12 (1.5') (H223601-06)

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	08/11/2022	ND	1.91	95.7	2.00	1.02	
Toluene*	<0.050	0.050	08/11/2022	ND	2.03	101	2.00	0.297	
Ethylbenzene*	<0.050	0.050	08/11/2022	ND	2.08	104	2.00	0.813	
Total Xylenes*	<0.150	0.150	08/11/2022	ND	6.35	106	6.00	1.38	
Total BTEX	<0.300	0.300	08/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/11/2022	ND	416	104	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	08/11/2022	ND	212	106	200	4.94	
DRO >C10-C28*	<10.0	10.0	08/11/2022	ND	222	111	200	3.78	
EXT DRO >C28-C36	<10.0	10.0	08/11/2022	ND					
Surrogate: 1-Chlorooctane	96.7	% 43-149)						
Surrogate: 1-Chlorooctadecane	99.2	% 42.5-16	1						

Surrogate: 1-Chlorooctadecane 99.2 % 42.5-161

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Analytical Results For:

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

Received: 08/10/2022

Reported: 08/11/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 08/10/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 13 (1.5') (H223601-07)

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	08/11/2022	ND	1.91	95.7	2.00	1.02	
Toluene*	<0.050	0.050	08/11/2022	ND	2.03	101	2.00	0.297	
Ethylbenzene*	<0.050	0.050	08/11/2022	ND	2.08	104	2.00	0.813	
Total Xylenes*	<0.150	0.150	08/11/2022	ND	6.35	106	6.00	1.38	
Total BTEX	<0.300	0.300	08/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/11/2022	ND	416	104	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	08/11/2022	ND	212	106	200	4.94	
DRO >C10-C28*	<10.0	10.0	08/11/2022	ND	222	111	200	3.78	
EXT DRO >C28-C36	<10.0	10.0	08/11/2022	ND					
Surrogate: 1-Chlorooctane	98.2	% 43-149)						
Surrogate: 1-Chlorooctadecane	102	% 42.5-16	1						

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Analytical Results For:

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

Received: 08/10/2022 Reported: 08/11/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 08/10/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Sample ID: CS - 14 (1.5') (H223601-08)

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	08/11/2022	ND	1.91	95.7	2.00	1.02	
Toluene*	<0.050	0.050	08/11/2022	ND	2.03	101	2.00	0.297	
Ethylbenzene*	<0.050	0.050	08/11/2022	ND	2.08	104	2.00	0.813	
Total Xylenes*	<0.150	0.150	08/11/2022	ND	6.35	106	6.00	1.38	
Total BTEX	<0.300	0.300	08/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/11/2022	ND	416	104	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	08/11/2022	ND	212	106	200	4.94	
DRO >C10-C28*	<10.0	10.0	08/11/2022	ND	222	111	200	3.78	
EXT DRO >C28-C36	<10.0	10.0	08/11/2022	ND					
Surrogate: 1-Chlorooctane	104 9	% 43-149)						
Surrogate: 1-Chlorooctadecane	107 9	% 42.5-16	1						

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Analytical Results For:

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

Received: 08/10/2022 Reported: 08/11/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 08/10/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 15 (1.5') (H223601-09)

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	08/11/2022	ND	1.95	97.3	2.00	7.92	
Toluene*	<0.050	0.050	08/11/2022	ND	2.07	103	2.00	8.64	
Ethylbenzene*	<0.050	0.050	08/11/2022	ND	2.11	105	2.00	8.72	
Total Xylenes*	<0.150	0.150	08/11/2022	ND	6.44	107	6.00	8.20	
Total BTEX	<0.300	0.300	08/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/11/2022	ND	416	104	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	08/11/2022	ND	212	106	200	4.94	
DRO >C10-C28*	<10.0	10.0	08/11/2022	ND	222	111	200	3.78	
EXT DRO >C28-C36	<10.0	10.0	08/11/2022	ND					
Surrogate: 1-Chlorooctane	96.6	% 43-149	1						
Surrogate: 1-Chlorooctadecane	99.0	% 42.5-16	1						

Applyzod By: 14

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Analytical Results For:

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

Received: 08/10/2022 Reported: 08/11/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 08/10/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Sample ID: CS - 16 (1.5') (H223601-10)

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	08/11/2022	ND	1.95	97.3	2.00	7.92	
Toluene*	<0.050	0.050	08/11/2022	ND	2.07	103	2.00	8.64	
Ethylbenzene*	<0.050	0.050	08/11/2022	ND	2.11	105	2.00	8.72	
Total Xylenes*	<0.150	0.150	08/11/2022	ND	6.44	107	6.00	8.20	
Total BTEX	<0.300	0.300	08/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/11/2022	ND	416	104	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	08/11/2022	ND	212	106	200	4.94	
DRO >C10-C28*	<10.0	10.0	08/11/2022	ND	222	111	200	3.78	
EXT DRO >C28-C36	<10.0	10.0	08/11/2022	ND					
Surrogate: 1-Chlorooctane	91.8	% 43-149							
Surrogate: 1-Chlorooctadecane	95.9	% 42.5-16	1						

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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: 08/10/2022 Reported: 08/11/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 08/10/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Sample ID: CS - 17 (1.5') (H223601-11)

BTEX 8021B	mg/	kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/11/2022	ND	1.95	97.3	2.00	7.92	
Toluene*	<0.050	0.050	08/11/2022	ND	2.07	103	2.00	8.64	
Ethylbenzene*	<0.050	0.050	08/11/2022	ND	2.11	105	2.00	8.72	
Total Xylenes*	<0.150	0.150	08/11/2022	ND	6.44	107	6.00	8.20	
Total BTEX	<0.300	0.300	08/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/11/2022	ND	416	104	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	08/11/2022	ND	212	106	200	4.94	
DRO >C10-C28*	<10.0	10.0	08/11/2022	ND	222	111	200	3.78	
EXT DRO >C28-C36	<10.0	10.0	08/11/2022	ND					
Surrogate: 1-Chlorooctane	92.6	% 43-149	1						
Surrogate: 1-Chlorooctadecane	94.8	% 42.5-16	1						

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Analytical Results For:

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

Received: 08/10/2022 Reported: 08/11/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 08/10/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 18 (1.5') (H223601-12)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/11/2022	ND	1.95	97.3	2.00	7.92	
Toluene*	<0.050	0.050	08/11/2022	ND	2.07	103	2.00	8.64	
Ethylbenzene*	<0.050	0.050	08/11/2022	ND	2.11	105	2.00	8.72	
Total Xylenes*	<0.150	0.150	08/11/2022	ND	6.44	107	6.00	8.20	
Total BTEX	<0.300	0.300	08/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/11/2022	ND	416	104	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	08/11/2022	ND	212	106	200	4.94	
DRO >C10-C28*	<10.0	10.0	08/11/2022	ND	222	111	200	3.78	
EXT DRO >C28-C36	<10.0	10.0	08/11/2022	ND					
Surrogate: 1-Chlorooctane	88.7	% 43-149	1						
Surrogate: 1-Chlorooctadecane	91.2	% 42.5-16	1						

Applyzod By: 14

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Analytical Results For:

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

Received: 08/10/2022 Reported: 08/11/2022

MERCILESS RELEASE

Project Number: 1086

Project Name:

RTFY 8021R

Project Location: EOG - LEA CO., NM

Sampling Date: 08/10/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 13 (1.5') (H223601-13)

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/11/2022	ND	1.95	97.3	2.00	7.92	
Toluene*	<0.050	0.050	08/11/2022	ND	2.07	103	2.00	8.64	
Ethylbenzene*	<0.050	0.050	08/11/2022	ND	2.11	105	2.00	8.72	
Total Xylenes*	<0.150	0.150	08/11/2022	ND	6.44	107	6.00	8.20	
Total BTEX	<0.300	0.300	08/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 69.9-140	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	08/11/2022	ND	416	104	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	08/11/2022	ND	212	106	200	4.94	
DRO >C10-C28*	<10.0	10.0	08/11/2022	ND	222	111	200	3.78	
EXT DRO >C28-C36	<10.0	10.0	08/11/2022	ND					
Surrogate: 1-Chlorooctane	96.0	% 43-149							
Surrogate: 1-Chlorooctadecane	96.7	% 42.5-16.	1						

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Analytical Results For:

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

Received: 08/10/2022

Reported: 08/11/2022 Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 08/10/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 14 (1.5') (H223601-14)

RTFY 8021R

B1EX 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	08/11/2022	ND	1.95	97.3	2.00	7.92	
Toluene*	<0.050	0.050	08/11/2022	ND	2.07	103	2.00	8.64	
Ethylbenzene*	<0.050	0.050	08/11/2022	ND	2.11	105	2.00	8.72	
Total Xylenes*	<0.150	0.150	08/11/2022	ND	6.44	107	6.00	8.20	
Total BTEX	<0.300	0.300	08/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 %	69.9-140	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/11/2022	ND	416	104	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	08/11/2022	ND	212	106	200	4.94	
DRO >C10-C28*	<10.0	10.0	08/11/2022	ND	222	111	200	3.78	
EXT DRO >C28-C36	<10.0	10.0	08/11/2022	ND					
Surrogate: 1-Chlorooctane	81.0	% 43-149							
Surrogate: 1-Chlorooctadecane	82.6	% 42.5-16.	1						

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Analytical Results For:

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

Received: 08/10/2022 Reported: 08/11/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 08/10/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Sample ID: SW - 15 (1.5') (H223601-15)

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	08/11/2022	ND	1.95	97.3	2.00	7.92	
Toluene*	<0.050	0.050	08/11/2022	ND	2.07	103	2.00	8.64	
Ethylbenzene*	<0.050	0.050	08/11/2022	ND	2.11	105	2.00	8.72	
Total Xylenes*	< 0.150	0.150	08/11/2022	ND	6.44	107	6.00	8.20	
Total BTEX	<0.300	0.300	08/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/11/2022	ND	416	104	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	08/11/2022	ND	212	106	200	4.94	
DRO >C10-C28*	<10.0	10.0	08/11/2022	ND	222	111	200	3.78	
EXT DRO >C28-C36	<10.0	10.0	08/11/2022	ND					
Surrogate: 1-Chlorooctane	93.2	% 43-149	1						
Surrogate: 1-Chlorooctadecane	95.4	% 42.5-16	1						

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Analytical Results For:

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

Received: 08/10/2022 Reported: 08/11/2022

MERCILESS RELEASE

Project Name: MERO Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 08/10/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 16 (1.5') (H223601-16)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/11/2022	ND	1.95	97.3	2.00	7.92	
Toluene*	<0.050	0.050	08/11/2022	ND	2.07	103	2.00	8.64	
Ethylbenzene*	<0.050	0.050	08/11/2022	ND	2.11	105	2.00	8.72	
Total Xylenes*	<0.150	0.150	08/11/2022	ND	6.44	107	6.00	8.20	
Total BTEX	<0.300	0.300	08/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 69.9-140	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/11/2022	ND	416	104	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	08/11/2022	ND	212	106	200	4.94	
DRO >C10-C28*	<10.0	10.0	08/11/2022	ND	222	111	200	3.78	
EXT DRO >C28-C36	<10.0	10.0	08/11/2022	ND					
Surrogate: 1-Chlorooctane	96.0	% 43-149							
Surrogate: 1-Chlorooctadecane	99.0	% 42.5-16.	1						

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Analytical Results For:

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

Received: 08/10/2022 Reported: 08/11/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 08/10/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Sample ID: SW - 17 (1.5') (H223601-17)

BTEX 8021B	mg/	kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/11/2022	ND	1.95	97.3	2.00	7.92	
Toluene*	<0.050	0.050	08/11/2022	ND	2.07	103	2.00	8.64	
Ethylbenzene*	<0.050	0.050	08/11/2022	ND	2.11	105	2.00	8.72	
Total Xylenes*	<0.150	0.150	08/11/2022	ND	6.44	107	6.00	8.20	
Total BTEX	<0.300	0.300	08/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/11/2022	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	08/11/2022	ND	212	106	200	4.94	
DRO >C10-C28*	<10.0	10.0	08/11/2022	ND	222	111	200	3.78	
EXT DRO >C28-C36	<10.0	10.0	08/11/2022	ND					
Surrogate: 1-Chlorooctane	90.4	% 43-149	1						
Surrogate: 1-Chlorooctadecane	93.3	% 42.5-16	1						

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Analytical Results For:

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

Received: 08/10/2022

Reported: 08/11/2022 Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 08/10/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 18 (1.5') (H223601-18)

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	08/11/2022	ND	1.95	97.3	2.00	7.92	
Toluene*	<0.050	0.050	08/11/2022	ND	2.07	103	2.00	8.64	
Ethylbenzene*	<0.050	0.050	08/11/2022	ND	2.11	105	2.00	8.72	
Total Xylenes*	<0.150	0.150	08/11/2022	ND	6.44	107	6.00	8.20	
Total BTEX	<0.300	0.300	08/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/11/2022	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	08/11/2022	ND	212	106	200	4.94	
DRO >C10-C28*	<10.0	10.0	08/11/2022	ND	222	111	200	3.78	
EXT DRO >C28-C36	<10.0	10.0	08/11/2022	ND					
Surrogate: 1-Chlorooctane	86.7	% 43-149							
Surrogate: 1-Chlorooctadecane	88.6	% 42.5-16	1						

Applyzod By: 14

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Analytical Results For:

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

Received: 08/10/2022 Reported: 08/11/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 08/10/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Sample ID: SW - 19 (1.5') (H223601-19)

BTEX 8021B	mg/	kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/11/2022	ND	1.95	97.3	2.00	7.92	
Toluene*	<0.050	0.050	08/11/2022	ND	2.07	103	2.00	8.64	
Ethylbenzene*	<0.050	0.050	08/11/2022	ND	2.11	105	2.00	8.72	
Total Xylenes*	<0.150	0.150	08/11/2022	ND	6.44	107	6.00	8.20	
Total BTEX	<0.300	0.300	08/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/11/2022	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	08/11/2022	ND	212	106	200	4.94	
DRO >C10-C28*	<10.0	10.0	08/11/2022	ND	222	111	200	3.78	
EXT DRO >C28-C36	<10.0	10.0	08/11/2022	ND					
Surrogate: 1-Chlorooctane	98.5	% 43-149	1						
Surrogate: 1-Chlorooctadecane	101 9	% 42.5-16	1						

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Analytical Results For:

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

Received: 08/10/2022 Reported:

08/11/2022

Project Name: MERCILESS RELEASE Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 08/10/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Sample ID: SW - 20 (1.5') (H223601-20)

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	08/11/2022	ND	1.95	97.3	2.00	7.92	
Toluene*	<0.050	0.050	08/11/2022	ND	2.07	103	2.00	8.64	
Ethylbenzene*	<0.050	0.050	08/11/2022	ND	2.11	105	2.00	8.72	
Total Xylenes*	<0.150	0.150	08/11/2022	ND	6.44	107	6.00	8.20	
Total BTEX	<0.300	0.300	08/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	08/11/2022	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	08/11/2022	ND	212	106	200	4.94	
DRO >C10-C28*	<10.0	10.0	08/11/2022	ND	222	111	200	3.78	
EXT DRO >C28-C36	<10.0	10.0	08/11/2022	ND					
Surrogate: 1-Chlorooctane	80.0	% 43-149	1						
Surrogate: 1-Chlorooctadecane	80.0	% 42.5-16	1						

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Analytical Results For:

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

Fax To:

Received: 08/10/2022 Reported: 08/11/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 08/10/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Sample ID: SW - 21 (1.5') (H223601-21)

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	08/11/2022	ND	1.95	97.3	2.00	7.92	
Toluene*	<0.050	0.050	08/11/2022	ND	2.07	103	2.00	8.64	
Ethylbenzene*	<0.050	0.050	08/11/2022	ND	2.11	105	2.00	8.72	
Total Xylenes*	<0.150	0.150	08/11/2022	ND	6.44	107	6.00	8.20	
Total BTEX	<0.300	0.300	08/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/11/2022	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	08/11/2022	ND	224	112	200	1.27	
DRO >C10-C28*	<10.0	10.0	08/11/2022	ND	209	104	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	08/11/2022	ND					
Surrogate: 1-Chlorooctane	96.4	% 43-149	1						
Surrogate: 1-Chlorooctadecane	111 9	6 42.5-16	1						

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Analytical Results For:

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

Received: 08/10/2022

08/11/2022 MERCILESS RELEASE

Project Name: MERC Project Number: 1086

Reported:

RTFY 8021R

Project Location: EOG - LEA CO., NM

Sampling Date: 08/10/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 22 (1.5') (H223601-22)

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	08/11/2022	ND	1.95	97.3	2.00	7.92	
Toluene*	<0.050	0.050	08/11/2022	ND	2.07	103	2.00	8.64	
Ethylbenzene*	<0.050	0.050	08/11/2022	ND	2.11	105	2.00	8.72	
Total Xylenes*	<0.150	0.150	08/11/2022	ND	6.44	107	6.00	8.20	
Total BTEX	<0.300	0.300	08/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/11/2022	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	08/11/2022	ND	224	112	200	1.27	
DRO >C10-C28*	<10.0	10.0	08/11/2022	ND	209	104	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	08/11/2022	ND					
Surrogate: 1-Chlorooctane	92.7	% 43-149	1						
Surrogate: 1-Chlorooctadecane	106	% 42.5-16	1						

Applyzod By: 14

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Analytical Results For:

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

Received: 08/10/2022 Reported: 08/11/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM Sampling Date: 08/10/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Sample ID: SW - 23 (1.5') (H223601-23)

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	08/11/2022	ND	1.95	97.3	2.00	7.92	
Toluene*	<0.050	0.050	08/11/2022	ND	2.07	103	2.00	8.64	
Ethylbenzene*	<0.050	0.050	08/11/2022	ND	2.11	105	2.00	8.72	
Total Xylenes*	<0.150	0.150	08/11/2022	ND	6.44	107	6.00	8.20	
Total BTEX	<0.300	0.300	08/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/11/2022	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	08/11/2022	ND	224	112	200	1.27	
DRO >C10-C28*	<10.0	10.0	08/11/2022	ND	209	104	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	08/11/2022	ND					
Surrogate: 1-Chlorooctane	79.0	% 43-149	1						
Surrogate: 1-Chlorooctadecane	91.1	% 42.5-16	1						

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Analytical Results For:

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

Received: 08/10/2022 Reported: 08/11/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 08/10/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 24 (1.5') (H223601-24)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/11/2022	ND	1.95	97.3	2.00	7.92	
Toluene*	<0.050	0.050	08/11/2022	ND	2.07	103	2.00	8.64	
Ethylbenzene*	<0.050	0.050	08/11/2022	ND	2.11	105	2.00	8.72	
Total Xylenes*	<0.150	0.150	08/11/2022	ND	6.44	107	6.00	8.20	
Total BTEX	<0.300	0.300	08/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/11/2022	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	08/11/2022	ND	224	112	200	1.27	
DRO >C10-C28*	<10.0	10.0	08/11/2022	ND	209	104	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	08/11/2022	ND					
Surrogate: 1-Chlorooctane	83.7	% 43-149	1						
Surrogate: 1-Chlorooctadecane	96.5	% 42.5-16	1						

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Analytical Results For:

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

Received: 08/10/2022 Reported: 08/11/2022

08/11/2022 MERCILESS RELEASE

Project Name: MERCILE Project Number: 1086

Project Location: EOG - LEA CO., NM

Sampling Date: 08/10/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 25 (1.5') (H223601-25)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/11/2022	ND	1.95	97.3	2.00	7.92	
Toluene*	<0.050	0.050	08/11/2022	ND	2.07	103	2.00	8.64	
Ethylbenzene*	<0.050	0.050	08/11/2022	ND	2.11	105	2.00	8.72	
Total Xylenes*	<0.150	0.150	08/11/2022	ND	6.44	107	6.00	8.20	
Total BTEX	<0.300	0.300	08/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 69.9-140	9						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/11/2022	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	08/11/2022	ND	224	112	200	1.27	
DRO >C10-C28*	<10.0	10.0	08/11/2022	ND	209	104	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	08/11/2022	ND					
Surrogate: 1-Chlorooctane	89.4	% 43-149							
Surrogate: 1-Chlorooctadecane	103	% 42.5-16.	1						

Applyzod By: 14

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Analytical Results For:

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

Received: 08/10/2022

08/11/2022

Project Name: MERCILESS RELEASE

Project Number: 1086

Reported:

Project Location: EOG - LEA CO., NM Sampling Date: 08/10/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Sample ID: SW - 26 (1.5') (H223601-26)

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	08/11/2022	ND	1.95	97.3	2.00	7.92	
Toluene*	<0.050	0.050	08/11/2022	ND	2.07	103	2.00	8.64	
Ethylbenzene*	<0.050	0.050	08/11/2022	ND	2.11	105	2.00	8.72	
Total Xylenes*	<0.150	0.150	08/11/2022	ND	6.44	107	6.00	8.20	
Total BTEX	<0.300	0.300	08/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/11/2022	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	08/11/2022	ND	224	112	200	1.27	
DRO >C10-C28*	<10.0	10.0	08/11/2022	ND	209	104	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	08/11/2022	ND					
Surrogate: 1-Chlorooctane	76.8	% 43-149	1						
Surrogate: 1-Chlorooctadecane	89.7	% 42.5-16	1						

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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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Chain of Custody Work Order No: H223601 Bill to: (il efferent)		415	es		
	City State 7IP	Address	Company Name:	Bill to: (if different)	Cha
Work Order No: 1422360 Page 1 of	Midland Tayas 70706	5509 Champions Dr.	EOG Resources	James Kennedy	in of Custody
	Reporting Level II Level III ST/UST RRP Level	State of Project:	Program: UST/PST PRP Irownfields RC IRC IRC	Work Order Comments	Work Order No: H2236

		Email to: Mike Ca	CS-16 (1.5)	CS-15 (1.5)	CS-14 (1.5)	CS-13 (1	CS-12 (1	CS-11 (1.5')	CS-10 (1.5')	CS-9 (1	CS-8 (1.5')	CS-7 (1.5')	Sample Identification	Total Containers:	Sample Custody Seals	Cooler Custody Seals	Received Intact	SAMPLE RECEIPT	PO件	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone:	City, State ZIP:	Address:	Company Name:	
Cullino	Relinquishe	Email to: Mike Carmona Mcarmona@carmonaresources.com and Conner Moehring@carmonaresources.com	1.5') 8/10/2022	1.5') 8/10/2022	1.5") 8/10/2022	(1.5) 8/10/2022	(1.5') 8/10/2022	1.5') 8/10/2022	1.5') 8/10/2022	(1.5') 8/10/2022	.5') 8/10/2022	.5') 8/10/2022	tification Date	(s: Yes No N/A	Yes No N/A	Yes No	PT Temp Blank:		CCM	Lea Co, NM	1086	Merciless Release	432-813-6823	Midland, TX 79701	310 W Wall St Ste 415	Carmona Resources	B
	Relinquished by: (Signature)	nonaresourcès.c	22	22	22	22	22	22	22	22	22	22	Time	Corrected Temperature	Temperature Reading	Correction Factor	Thermometer ID:	Yes (No)			MM		elease					
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		r Moehring@ca	C	0	C	0	0	C	0	0	C	0	Water Comp	28.5	6.42	-0.162	113	(Yes) No			24 Hours	√ Rush	Turn Around	Email: James Kennedy@eogresources.com	City, State ZIP:	Address	Company Name	formation of the state
		irmonar	_	1	1	1	1		_	1	_	_	# of			P	aran	nete	rs			Code		dy@eog			-	
	Date/Time	esource	×	×	×	×	×	×	×	×	×	×			В	TEX	802	18						resource	Midlan	5509 (EOG F	W
	ime	s.com	×	×	×	×	×	×	×	×	×	×	TPI	1 801	_	_	O +	DRC 500	+ M	(RO				es.com	Midland, Texas 79706	5509 Champions Dr.	EOG Resources	familiary .
2 Spagicion	Rec																						ANALYSIS REQUEST		9706	Dr.		
Low	Received by: (Signature)																						NEST	Deliverables: EDD	Reporting Level II Level III	State of Project:	Program: UST/PST PRP Irownfields	
EE:013	Date/Time		10	D	8	7	6	CA	h h	2	2		Sample Comments	NaOH+Ascorbic Acid: SAPC	Zn Acetate+NaOH: Zn	Na2S2O3: NaSO3	NaHSO4: NABIS	H,PO, HP			Cool Cool MeC	None: NO DI V	Preservative Codes	ADaPT Other:	□ST/UST □RRP		□tRC	Cinci comments
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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 150973

CONDITIONS

Operator:	OGRID:
EOG RESOURCES INC	7377
P.O. Box 2267	Action Number:
Midland, TX 79702	150973
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	11/4/2022