

## SITE INFORMATION

Closure Report Red Sauce State Com 001H (03.13.22) Eddy County, New Mexico Unit L Sec 08 T25S R30E 32.144222°, -103.909459°

Crude Oil Release Point of Release: Fluid being sent through flare line. Release Date: 03/33/2022 Volume Released: 1.05 barrels of Crude Oil Volume Recovered: 0 barrels of Crude Oil

## CARMONA RESOURCES

Prepared for: Concho Operating, LLC 15 West London Road, Loving, New Mexico 88256

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



310 West Wall Street, Suite 415 Midland TX, 79701 432.813.1992



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June 10, 2022

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

Re: Closure Report Red Sauce State Com 001H (03.13.22) Concho Operating, LLC Site Location: Unit L, S08, T25S, R30E (Lat 32.144222°, Long -103.909459°) Eddy County, New Mexico

Mr. Bratcher:

On behalf of Concho Operating, LLC (COG), Carmona Resource, LLC has prepared this letter to document the site assessment activities. The site is located at 32.144222, -103.909459 within Unit L, S08, T25S, R30E, and in Eddy County, New Mexico (Figures 1 and 2).

## **1.0 Site information and Background**

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on March 13, 2022, caused by fluid being sent through a flare line. It released approximately 1.05 barrels of crude oil, and 0 barrels were recovered. See the impacted area in Figure 3. The initial C-141 form is attached in Appendix C.

## 2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water source is within a 0.50-mile radius of the location. The nearest identified well is located approximately 0.91miles Northeast of the site in S09, T25S, R30E and was drilled in 1949. The well has a reported depth to groundwater of 294' feet below 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, thefollowing criteria were utilized in assessing the site.

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

## **4.0 Site Assessment Activities**

## Initial Assessment

On May 3, 2022, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of four (4) sample points (S-1, S-2, S-3, and S-4) and six (6) horizontal sample points (H-1 through H-6) were installed to total depths ranging from surface to 0.5 ft below the surface. Soil samples were collected and submitted to the laboratory for TPH analysis by EPA method



8015, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included Appendix E.

Refer to Table 1. The sample locations are shown in Figure 3

## **5.0 Remediation Activities**

Carmona Resources personnel were onsite from June 6-10<sup>th</sup>, 2022, to supervise the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via email on June 6, 2022, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The areas of S-1, S-2, and-3 were excavated to a depth of 1.0' below the surface, and the area of S-4 was excavated to a depth of 0.5' to remove all the impacted soils. The area of H-1 was extended during remediation activities. A total of sixty-eight (68) floor confirmation samples were collected (CS-1 and CS-68), and nine (9) sidewall samples (SW-1 through SW-9) 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 sampling results are summarized in Table 2. The excavation depths and confirmation sample locations are shown in Figure 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 180 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 COG 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

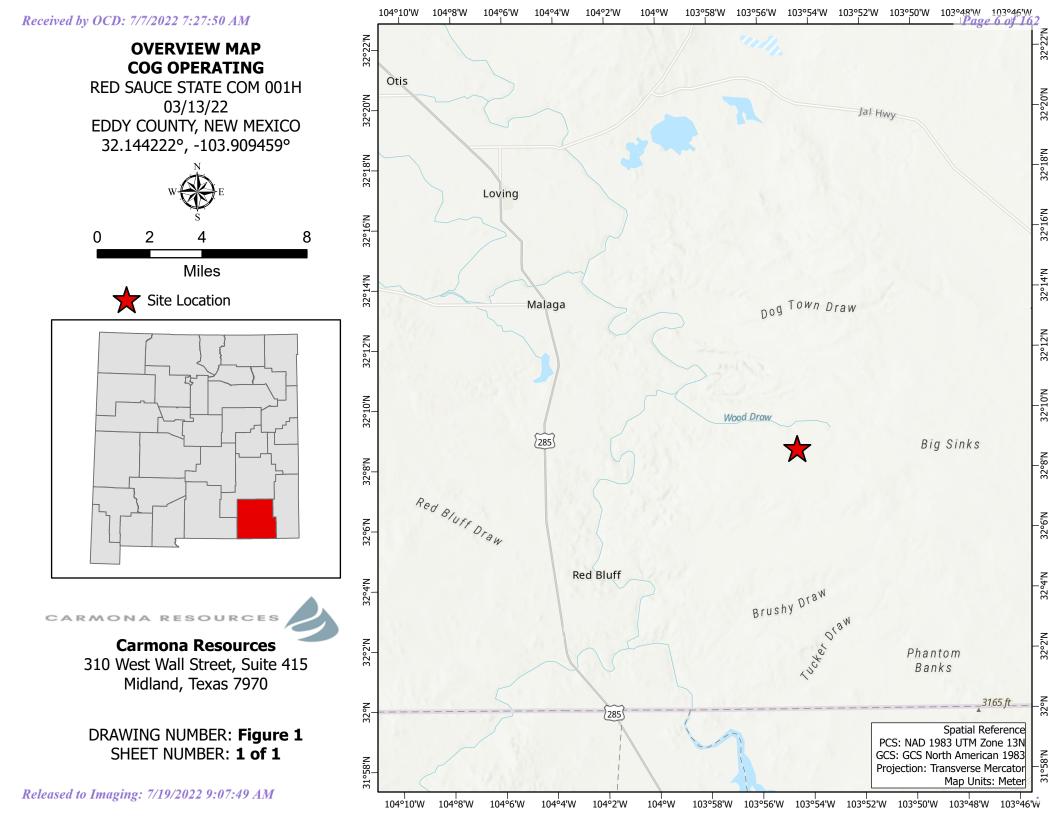
Mike Carmona Environmental Manager

/ocar

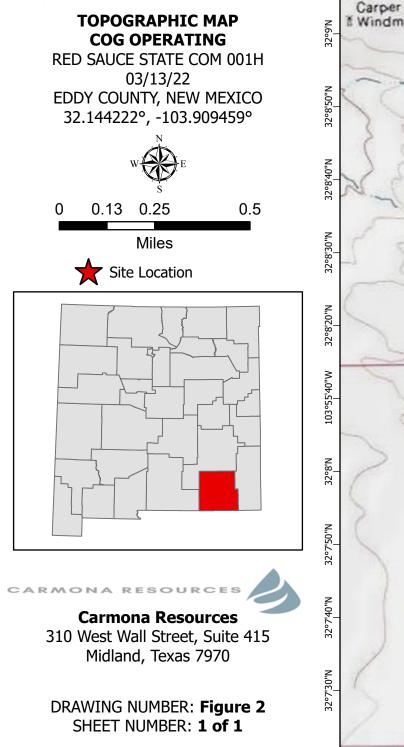
Conner Moehring Sr. Project Manager



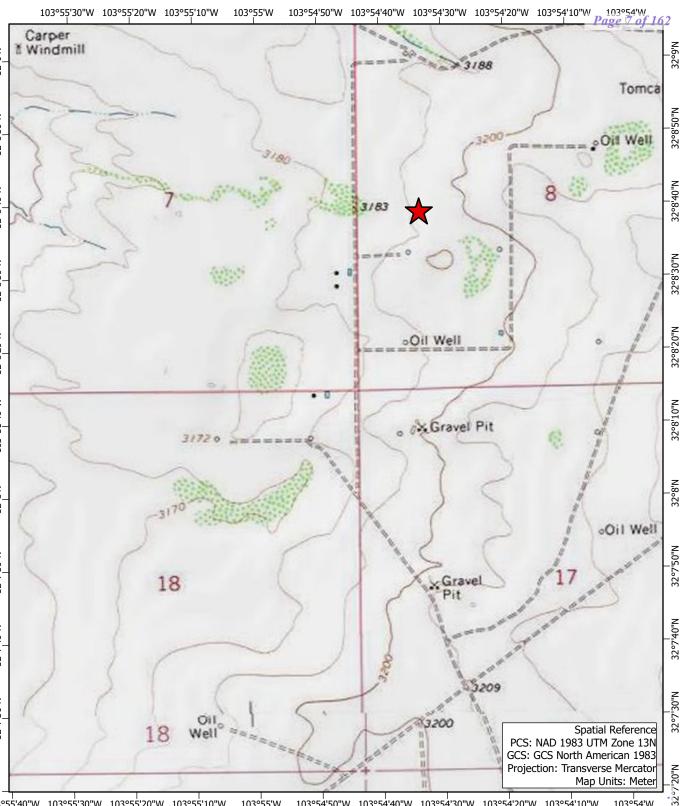




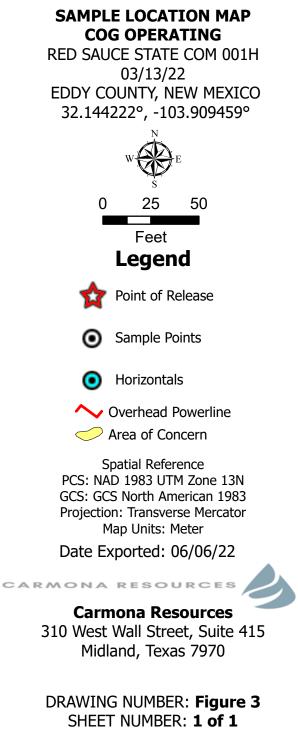
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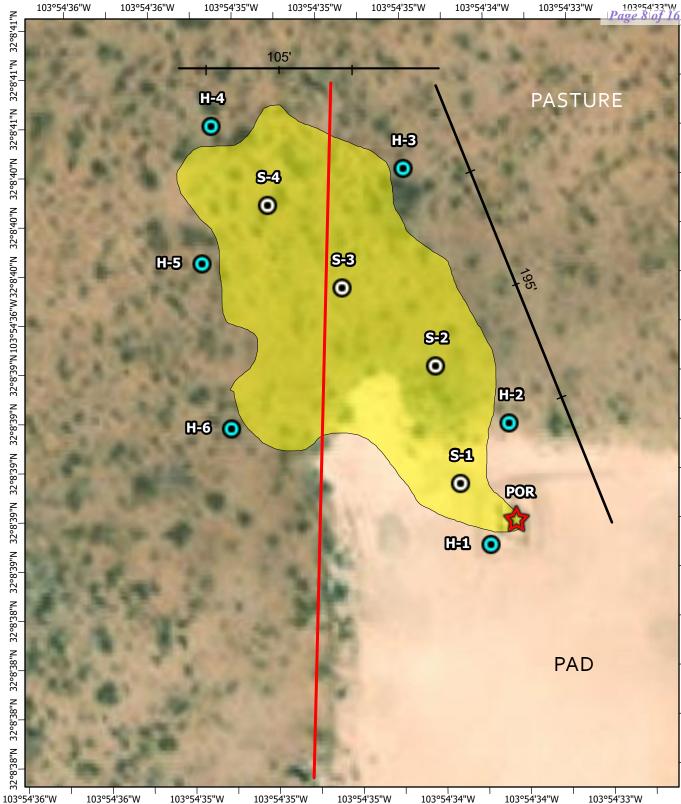


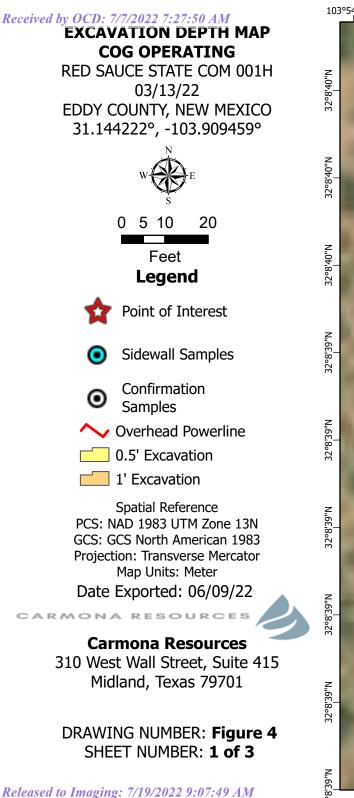
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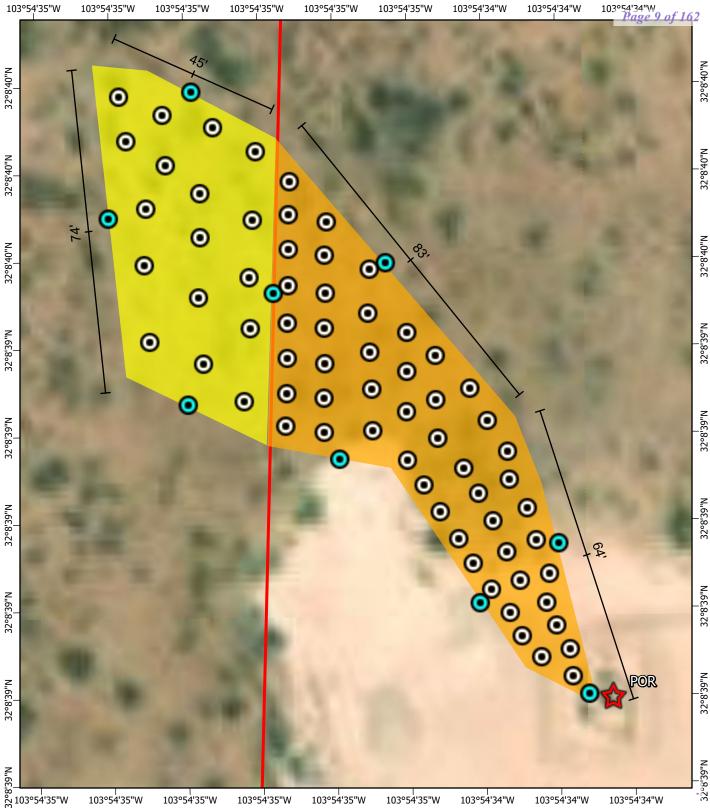


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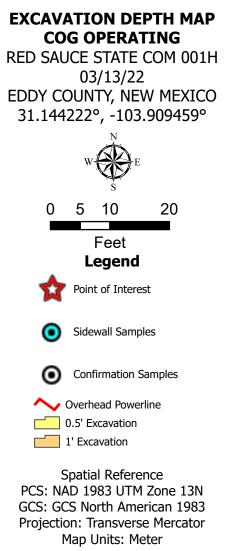






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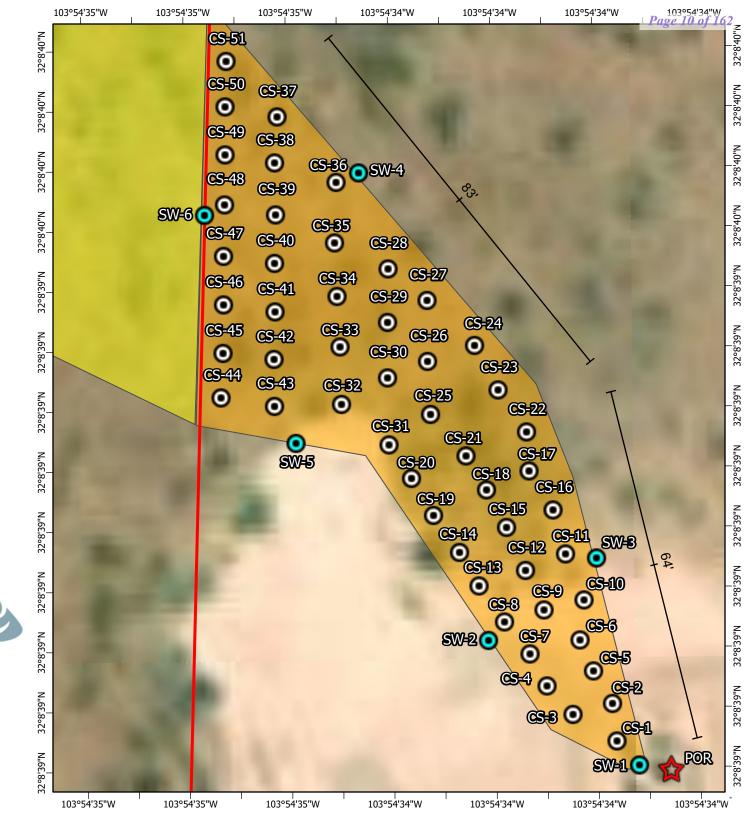
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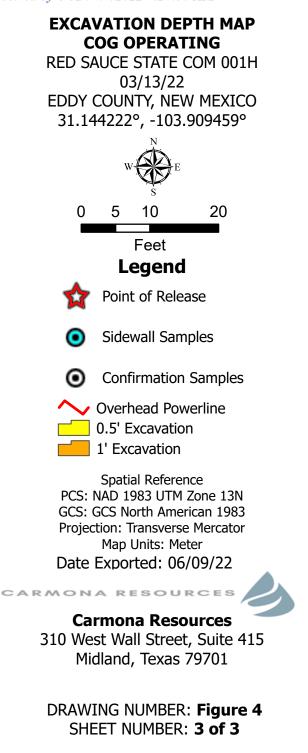
CARMONA RESOURCES

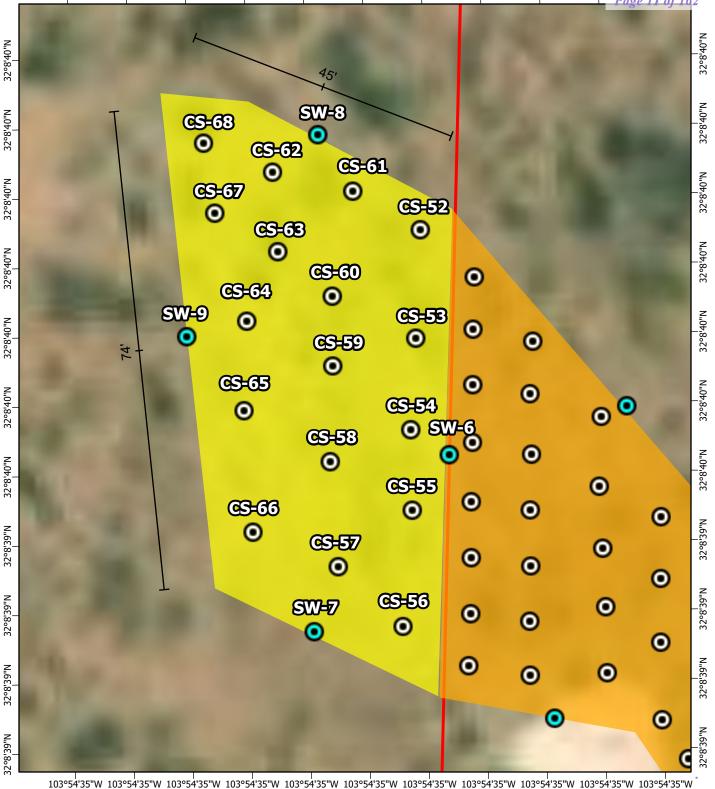
Carmona Resources 310 West Wall Street, Suite 415 Midland, Texas 79701

DRAWING NUMBER: Figure 4 SHEET NUMBER: 2 of 3

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## **APPENDIX** A

## CARMONA RESOURCES

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Table 1 COG Red Sauce State Com 001H (03.13.22) Eddy County, New Mexico

				TPH	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (in)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
S-1	5/3/2022	0-3	100	5,540	1,550	7,190	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	1,630
5-1	II	6	<49.9	2,300	332	2,630	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	736
S-2	5/3/2022	0-3	<49.9	1,980	298	2,280	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,060
5-2	"	6	<0.50	2,250	463	2,710	<0.00199	<0.00199	<0.00199	<0.00397	<0.00397	1,020
S-3	5/3/2022	0-3	<0.50	<0.50	<0.50	<0.50	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	219
5-3	"	6	<49.9	74.8	174	177	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	177
S-4	5/3/2022	0-3	<0.50	131	115	246	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	195
5-4	"	6	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	178
H-1	5/3/2022	0-0.5	<0.50	<0.50	<0.50	<0.50	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	14,700
H-2	5/3/2022	0-0.5	<0.50	<0.50	<0.50	<0.50	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	203
H-3	5/3/2022	0-0.5	<0.50	<0.50	52.3	52.3	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	177
H-4	5/3/2022	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	209
H-5	5/3/2022	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	186
H-6	5/3/2022	0-0.5	<0.50	<0.50	<0.50	<0.50	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	212
	ory Criteria <sup>A</sup>					100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

<sup>A</sup> – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(S) Sample Point

(H) Horizontal

Removed

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### Table 2 COG Red Sauce State Com 001H (03.13.22) Eddy County, New Mexico

Eddy County, New Mexico												
Sample ID	Date	Depth (ft)	GRO	TPH DRO	l (mg/kg) MRO	Total	Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
CS-1	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-2	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-3	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-4	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-5	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-6	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-7	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-8	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-9	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-10	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-11	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-12	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-13	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-14	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-15	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-16	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-17	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-18	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-19	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-20	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-21	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-22	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-23	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-24	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-25	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-26	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-27	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-28	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-29	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-30	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-31	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-32	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-33	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-34	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	ry Criteria <sup>A</sup> Analyzed					100 mg/kg	10 mg/kg	-		-	50 mg/kg	600 mg/kg

(-) Not Analyzed

<sup>A</sup> – Table 1 - 19.15.29 NMAC mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

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### Table 2 COG Red Sauce State Com 001H (03.13.22) Eddy County, New Mexico

Eddy County, New Mexico												
Sample ID	Date	Depth (ft)	GRO		i (mg/kg) MRO	Total	Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
CS-35	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-36	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-37	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-38	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-39	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-40	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-41	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-42	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-43	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-44	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-45	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-46	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-47	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-48	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-49	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-50	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-51	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-52	6/8/2022	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-53	6/8/2022	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-54	6/8/2022	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-55	6/8/2022	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-56	6/8/2022	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-57	6/8/2022	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-58	6/8/2022	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-59	6/8/2022	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-60	6/8/2022	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-61	6/8/2022	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-62	6/8/2022	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-63	6/8/2022	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-64	6/8/2022	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-65	6/8/2022	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-66	6/8/2022	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-67	6/8/2022	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-68	6/8/2022	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
	ry Criteria <sup>A</sup> Analyzed					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

(CS) Confirmation Sample

## Table 2 COG Red Sauce State Com 001H (03.13.22) Eddy County, New Mexico

0		D. J. KO		TPF	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SW-1	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-2	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-3	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-4	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-5	6/8/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-6	6/8/2022	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-7	6/8/2022	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-8	6/8/2022	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-9	6/8/2022	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	ory Criteria <sup>A</sup>					100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

<sup>A</sup> – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(SW) Sidewall

## **APPENDIX B**

## CARMONA RESOURCES

## PHOTOGRAPHIC LOG

## **Concho Operating, LLC**

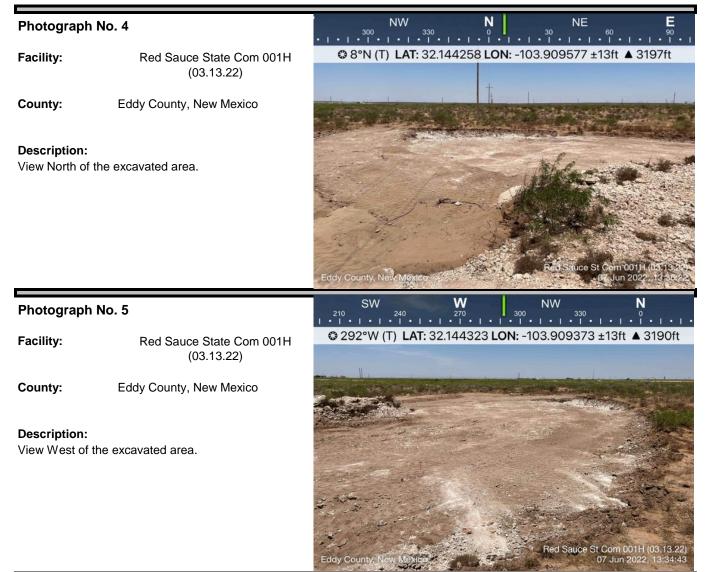
Photograph No	o. 1	NE E SE S <sup>30</sup> ·   ·   ·   ·   ·   ·   ·   ·   ·   ·
Facility:	Red Sauce State Com 001H (03.13.22)	© 117°SE (T)
County:	Eddy County, New Mexico	
<b>Description:</b> View East of the r	elease area.	May 03 2022, 4:55:31 PM
Photograph No	o. 2	W         NW         NE         E           270         300         330         1
Facility:	Red Sauce State Com 001H (03.13.22)	© 359°N (T)
County:	Eddy County, New Mexico	
Description: View North of the	release area.	May 03 2022, 5:00:12 PM
Photograph No	. 3	E SE SW 90 120 150 180 210 240 •   •   •   •   •   •   •   •   •   •
Facility:	Red Sauce State Com 001H (03.13.22)	© 160°S (T) LAT: 32.144474 LON: -103.909486 ±13ft ▲ 3195ft
County:	Eddy County, New Mexico	
<b>Description:</b> View Southeast, E	Excavated area	Eddy County, New Mexico         Fed Sauce St. Com 001H (05, 13, 22) 07 Jun 2022, 13:35:05



.

## PHOTOGRAPHIC LOG

## **Concho Operating, LLC**





## **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

)

Page 21 of 162

Incident ID	
District RP	
Facility ID	
Application ID	

## **Release Notification**

## **Responsible Party**

Responsible Party	OGRID
Contact Name	Contact Telephone
Contact email	Incident # (assigned by OCD)
Contact mailing address	

## **Location of Release Source**

Longitude

Latitude			

Site Name	Site Type
Date Release Discovered	API# (if applicable)

(NAD 83 in decimal degrees to 5 decimal places)

Unit Letter	Section	Township	Range	County

Surface Owner: State Federal Tribal Private (Name: \_

## Nature and Volume of Release

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

Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No
Condensate	Volume Released (bbls)	Volume Recovered (bbls)
Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
Cause of Release		

Page	2
1 ugo	-

## Oil Conservation Division

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?
19.15.29.7(A) NMAC?	
🗌 Yes 🗌 No	
If YES, was immediate no	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?

## **Initial Response**

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

The impacted area has been secured to protect human health and the environment.

Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

All free liquids and recoverable materials have been removed and managed appropriately.

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

The source of the release has been stopped.

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

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

Printed Name	1	Fitle:
Signature: _ Battane Jopange		Date:
email:	T	elephone:
OCD Only		
Received by:	Da	ate:

Received by OCD: 7/7/2022 7:27:50 AM Form C-141 State of New Mexico

Oil Conservation Division

	Page 23 of 162
Incident ID	
District RP	
Facility ID	
Application ID	

## Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	(ft bgs)
Did this release impact groundwater or surface water?	🗌 Yes 🗌 No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	🗌 Yes 🗌 No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	🗌 Yes 🗌 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	🗌 Yes 🗌 No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	🗌 Yes 🗌 No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	🗌 Yes 🗌 No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	🗌 Yes 🗌 No
Are the lateral extents of the release within 300 feet of a wetland?	🗌 Yes 🗌 No
Are the lateral extents of the release overlying a subsurface mine?	🗌 Yes 🗌 No
Are the lateral extents of the release overlying an unstable area such as karst geology?	🗌 Yes 🗌 No
Are the lateral extents of the release within a 100-year floodplain?	🗌 Yes 🗌 No
Did the release impact areas <b>not</b> 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: 7/7/2022	7:27:50 AM State of New Mexico			Page 24 of 162
Form C-141			Incident ID	
Page 4	Oil Conservation Division		District RP	
			Facility ID	
			Application ID	
regulations all operators are r public health or the environm failed to adequately investiga addition, OCD acceptance of and/or regulations. Printed Name:	mation given above is true and complete to the required to report and/or file certain release no nent. The acceptance of a C-141 report by the and remediate contamination that pose a the a C-141 report does not relieve the operator o	tifications and perform co OCD does not relieve the reat to groundwater, surfa of responsibility for comp 	prrective actions for rele e operator of liability sh- ice water, human health liance with any other fe	eases which may endanger ould their operations have or the environment. In deral, state, or local laws
OCD Only				
Received by:		Date:		

Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

## Closure

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

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.		
A scaled site and sampling diagram as described in 19.15.29.	11 NMAC	
Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)		
Laboratory analyses of final sampling (Note: appropriate OD	C District office must be notified 2 days prior to final sampling)	
Description of remediation activities		
and regulations all operators are required to report and/or file certaid may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and re- human health or the environment. In addition, OCD acceptance of	ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in	
Printed Name:		
Signature: Jacque Akorio	Date: 7.6.22	
email:	Telephone:	
OCD Only		
Received by:	Date:	
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible for regulations.	
Closure Approved by:	Date:	
Printed Name:	Title:	

From: Mike Carmona Sent: Monday, June 6, 2022 8:29 AM To: OCD.Enviro@state.nm.us Cc: Harris, Jacqui; Clint Merritt Subject: COG Red Sauce State Com 001H (03.13.22) Sampling Notification

Good Morning,

On behalf of COG, Carmona Resources will be collecting confirmation samples at the below-referenced site for the at-risk remediation on 06/08/2022 around 9:00 a.m. Mountain Time. Please let me know if you have any questions.

Red Sauce State Com 001H (03.13.22) Sec 08 T25S R30E Unit L 32.144238 -103.909413 Eddy County, New Mexico

Mike J. Carmona 310 West Wall Street, Suite 415 Midland TX, 79701 M: <u>432-813-1992</u> Mcarmona@carmonaresources.com

CARMONA RESOURCES



## **APPENDIX D**

## CARMONA RESOURCES

Red Sauce State Com 001H (03.13.22)

1.24

ALC: NO

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and interest

GReleased to Imaging: 7/19/2022 9:07:49 AM

11 m

	Leg	gend	Page 28 of 162
	\$	0.50 Mile Radius	
	\$	0.91 Miles	
	20	0.92 Miles	
	0	Red Sauce State Com 001	1H (03.13.22)
-		USGS Water Well	

## 326.53' - Drilled 1998 294' - Drilled 1949



2000 ft



Malaga

285

Red Sauce State Com 001H (03.13.22)

GReleased to Imaging: 7/19/2022 9:07:49 AM

Leg	gend	Page 29 of 162
	High 128	
•	Low	
0	Medium	
0	Red Sauce State Com 001	H (03.13.22)

N

## 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)	(qua						IE 3=SW largest)	,	3 UTM in meters)		(In feet	)
POD Number	POD Sub- Code basin (	County		Q 16		Sec	Tws	Rng	х	Y	-	Depth Water	Water Column
<u>C 01379</u>	С	ED	4	4	3	10	25S	30E	606571	3556355* 🌍	400		
C 03716 POD1	CUB	ED	4	2	2	02	25S	30E	609069	3559211 🌍	600	425	175
C 03781 POD1	CUB	ED	3	3	3	13	25S	30E	609306	3554761 🌍	720	325	395
C 03782 POD1	CUB	ED	4	3	3	28	25S	30E	604526	3551444 🌍	805	277	528
C 03891 POD1	CUB	ED	4	4	2	01	25S	30E	610608	3558890 🌍	635	429	206
C 04498 POD1	CUB	ED	2	1	3	25	25S	30E	609394	3552168 🌍	109		
C 04529 POD1	CUB	ED	1	3	1	18	25S	30E	601077	3555733 🌍			
										Average Depth to	Water:	364 fe	eet
										Minimum	Depth:	277 f	eet
										Maximum	Depth:	429 fe	eet

**Record Count:** 7

**PLSS Search:** 

Township: 25S

Range: 30E

\*UTM location was derived from PLSS - see Help

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

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GO

USGS Home Contact USGS Search USGS



**National Water Information System: Web Interface** 

**USGS** Water Resources

Data Category:		Geographic Area:	
Groundwater	~	New Mexico	~

Click to hideNews Bulletins

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

Groundwater levels for New Mexico

Click to hide state-specific text

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

## Search Results -- 1 sites found

Agency code = usgs site\_no list = • 320849103533901

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

## USGS 320849103533901 25S.30E.08.242221

Eddy County, New Mexico Latitude 32°08'49", Longitude 103°53'39" NAD27 Land-surface elevation 3,230 feet above NAVD88 This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer. This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer. 0

utput	form	ats
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able of data
ab-separated data
raph of data
eselect period

Date	Time	? Water- level date- time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement
1949-03-10		[	62610		2934.35	NGVD29	1	Z		
1949-03-10		[	62611		2936.00	NAVD88	1	Z		
1949-03-10		[	72019	294.00			1	Z		

Explanation					
Section	Code	Description			
Water-level date-time accuracy	D	Date is accurate to the Day			
Parameter code	62610	Groundwater level above NGVD 1929, feet			
Parameter code	62611	Groundwater level above NAVD 1988, feet			
Parameter code	72019	Depth to water level, feet below land surface			
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988			
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929			
Status	1	Static			
Method of measurement	Z	Other.			
Measuring agency		Not determined			
Source of measurement		Not determined			
Water-level approval status	А	Approved for publication Processing and review completed.			

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

Accessibility FOIA Privacy Policies and Notices

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

Page Contact Information: <u>New Mexico Water Data Maintainer</u> Page Last Modified: 2022-05-08 19:04:53 EDT 0.29 0.26 nadww02



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✓ GO

USGS Home Contact USGS Search USGS



National Water Information System: Web Interface

**USGS** Water Resources

Data Category:		Geographic Area:
Groundwater V	•	New Mexico

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- Full News 🔊

Groundwater levels for New Mexico

Click to hide state-specific text

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

## Search Results -- 1 sites found

Agency code = usgs site\_no list = • 320849103533902

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

## USGS 320849103533902 25S.30E.08.242221A

Eddy County, New Mexico Latitude 32°08'49", Longitude 103°53'39" NAD27 Land-surface elevation 3,230 feet above NAVD88 The depth of the well is 500 feet below land surface. This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer. This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer. **Output formats** 

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

### ? Water Water level, 2 2 2 2 level, Water feet Referenced ? feet Date Time level above vertical Parameter below Method of Measuring Source of datespecific datum Status land measurement measurement code agency time vertical surface accuracy datum 1961-06-14 D 62610 2896.80 NGVD29 Þ 7 D 62611 2898.45 NAVD88 P Ζ 1961-06-14 D 72019 331.55 1961-06-14 Þ Ζ 1998-01-28 D 62610 2901.82 NGVD29 1 S 1998-01-28 D 62611 2903.47 NAVD88 1 S 1998-01-28 D 72019 326.53 1 S

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

### USGS Groundwater for New Mexico: Water Levels -- 1 sites

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Section	Code	Description
Status	Р	Pumping
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	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

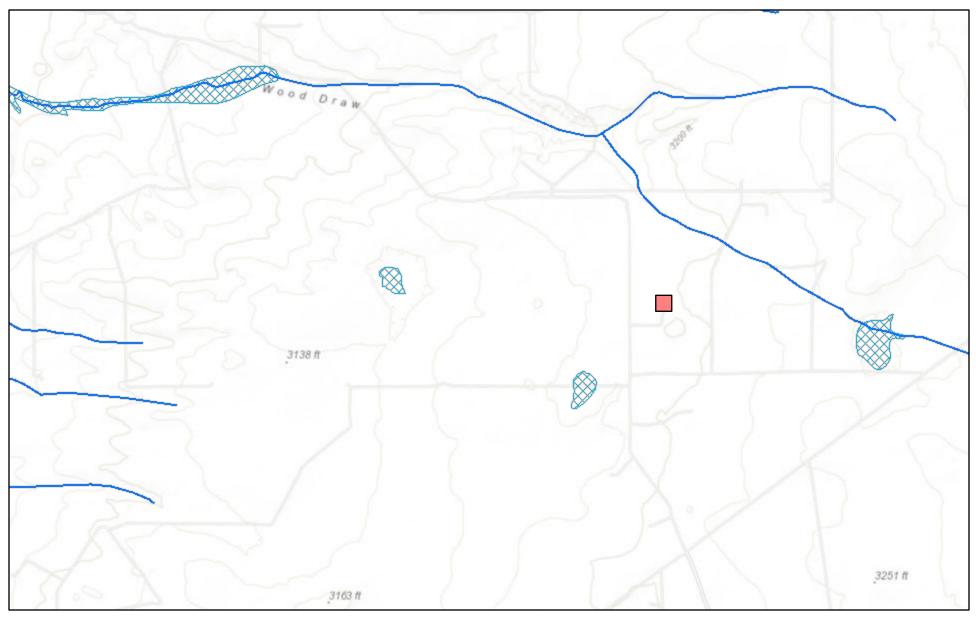
USA.gov

Title: Groundwater for New Mexico: Water Levels URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?

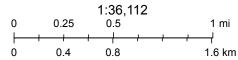
Page Contact Information: <u>New Mexico Water Data Maintainer</u> Page Last Modified: 2022-05-08 19:06:00 EDT 0.33 0.3 nadww01

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## New Mexico NFHL Data







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

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

This is a non-regulatory product for informational use only. Please consult your local floodplain administrator for further information.

## **APPENDIX E**

## CARMONA RESOURCES

Released to Imaging: 7/19/2022 9:07:49 AM

Received by OCD: 7/7/2022 7:27:50 AM

# 🔅 eurofins

# Environment Testing America

# ANALYTICAL REPORT

## Eurofins Midland 1211 W. Florida Ave Midland, TX 79701 Tel: (432)704-5440

# Laboratory Job ID: 880-14398-1

Laboratory Sample Delivery Group: Eddy Co, NM Client Project/Site: Red Sauce State Com 001H (03.13.22)

# For:

Carmona Resources 310 W Wall St Ste 415 Midland, Texas 79701

Attn: Conner Moehring

RAMER

Authorized for release by: 5/9/2022 3:58:17 PM

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

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

LINKS **Review your project** results through **Total** Access Have a Question? Ask-The Expert Visit us at: www.eurofinsus.com/Env

Released to Imaging: 7/19/2022 9:07:49 AM

Laboratory Job ID: 880-14398-1 SDG: Eddy Co, NM

# **Table of Contents**

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Client Sample Results	5
Surrogate Summary	16
QC Sample Results	18
	23
Lab Chronicle	27
Certification Summary	32
Method Summary	33
Sample Summary	34
	35
	37

2

# **Definitions/Glossary**

	Definitions/Glossary		
	iona Resources Red Sauce State Com 001H (03.13.22)	Job ID: 880-14398-1 SDG: Eddy Co, NM	
Qualifiers			3
GC VOA			
Qualifier	Qualifier Description		
F1	MS and/or MSD recovery exceeds control limits.		-
U	Indicates the analyte was analyzed for but not detected.		Ľ
GC Semi VC	A		
Qualifier	Qualifier Description		
S1+	Surrogate recovery exceeds control limits, high biased.		
U	Indicates the analyte was analyzed for but not detected.		
HPLC/IC			
Qualifier	Qualifier Description		8
F1	MS and/or MSD recovery exceeds control limits.		
U	Indicates the analyte was analyzed for but not detected.		
Glossary			

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

Project/Site: Red Sauce State Com 001H (03.13.22)

#### **Case Narrative**

4

5

#### Job ID: 880-14398-1 SDG: Eddy Co, NM

#### Job ID: 880-14398-1

Client: Carmona Resources

#### Laboratory: Eurofins Midland

#### Narrative

Job Narrative 880-14398-1

#### Receipt

The samples were received on 5/4/2022 10:05 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.2°C

#### GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-24964 and analytical batch 880-25052 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

#### GC Semi VOA

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

#### HPLC/IC

Method 300\_ORGFM\_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-24813 and 880-24813 and analytical batch 880-24867 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

# **Client Sample Results**

Client: Carmona Resources Project/Site: Red Sauce State Com 001H (03.13.22)

#### Client Sample ID: S-1 (0-3") Date Collected: 05/03/22 00:00

Date Received: 05/04/22 10:05

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200		mg/Kg		05/06/22 11:22	05/08/22 19:41	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		05/06/22 11:22	05/08/22 19:41	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		05/06/22 11:22	05/08/22 19:41	1
m-Xylene & p-Xylene	<0.00401	U F1	0.00401		mg/Kg		05/06/22 11:22	05/08/22 19:41	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		05/06/22 11:22	05/08/22 19:41	1
Xylenes, Total	<0.00401	U F1	0.00401		mg/Kg		05/06/22 11:22	05/08/22 19:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				05/06/22 11:22	05/08/22 19:41	1
1,4-Difluorobenzene (Surr)	100		70 - 130				05/06/22 11:22	05/08/22 19:41	1
Method: Total BTEX - Total BTEX	Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			05/09/22 15:24	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	7190		50.0		mg/Kg			05/09/22 11:48	1
Total TPH Method: 8015B NM - Diesel Rang	7190 Pe Organics (D			MDL	mg/Kg	— — D	Prepared		1 Dil Fac
Total TPH Method: 8015B NM - Diesel Rang Analyte	7190 Pe Organics (D	RO) (GC)	50.0		mg/Kg			05/09/22 11:48	
Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics	7190 e Organics (D Result	RO) (GC)	50.0		mg/Kg Unit		Prepared	05/09/22 11:48 Analyzed	Dil Fac
Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	7190 Te Organics (D Result 100	RO) (GC)			mg/Kg Unit mg/Kg		Prepared 05/04/22 11:34	05/09/22 11:48  Analyzed  05/05/22 22:30	Dil Fac
Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over	7190 e Organics (D Result 100 5540	RO) (GC)	50.0           RL           50.0           50.0		Unit mg/Kg mg/Kg		Prepared 05/04/22 11:34 05/04/22 11:34	05/09/22 11:48 Analyzed 05/05/22 22:30 05/05/22 22:30	Dil Fac
Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	7190 e Organics (D Result 100 5540 1550	RO) (GC) Qualifier	50.0 <b>RL</b> 50.0 50.0 50.0		Unit mg/Kg mg/Kg		<b>Prepared</b> 05/04/22 11:34 05/04/22 11:34 05/04/22 11:34	05/09/22 11:48 Analyzed 05/05/22 22:30 05/05/22 22:30 05/05/22 22:30	1 1 1
Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	7190 e Organics (D Result 100 5540 1550 %Recovery	RO) (GC) Qualifier	50.0 RL 50.0 50.0 50.0 Limits		Unit mg/Kg mg/Kg		Prepared 05/04/22 11:34 05/04/22 11:34 05/04/22 11:34 Prepared	05/09/22 11:48 Analyzed 05/05/22 22:30 05/05/22 22:30 05/05/22 22:30 Analyzed	Dil Fac 1 1 1 Dil Fac
Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	7190 e Organics (D Result 100 5540 1550 %Recovery 110 120	RO) (GC) Qualifier Qualifier	50.0           RL           50.0           50.0           50.0           50.0           50.0           50.0           50.0           70 - 130		Unit mg/Kg mg/Kg		Prepared 05/04/22 11:34 05/04/22 11:34 05/04/22 11:34 Prepared 05/04/22 11:34	05/09/22 11:48 Analyzed 05/05/22 22:30 05/05/22 22:30 05/05/22 22:30 Analyzed 05/05/22 22:30	Dil Fac 1 1 1 <i>Dil Fac</i> 1
Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	7190           e Organics (D)           Result           100           5540           1550           %Recovery           110           120           pmatography -	RO) (GC) Qualifier Qualifier	50.0           RL           50.0           50.0           50.0           50.0           50.0           50.0           50.0           70 - 130		mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 05/04/22 11:34 05/04/22 11:34 05/04/22 11:34 Prepared 05/04/22 11:34	05/09/22 11:48 Analyzed 05/05/22 22:30 05/05/22 22:30 05/05/22 22:30 Analyzed 05/05/22 22:30	Dil Fac 1 1 1 1 <i>Dil Fac</i> 1 1
Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl Method: 300.0 - Anions, Ion Chro	7190           e Organics (D)           Result           100           5540           1550           %Recovery           110           120           pmatography -	RO) (GC) Qualifier Qualifier Soluble	S0.0           RL           50.0           50.0           50.0           50.0           50.0           50.0           50.0           70.130           70.130	MDL	mg/Kg Unit mg/Kg mg/Kg mg/Kg	<u>D</u>	Prepared 05/04/22 11:34 05/04/22 11:34 05/04/22 11:34 Prepared 05/04/22 11:34	05/09/22 11:48 Analyzed 05/05/22 22:30 05/05/22 22:30 05/05/22 22:30 Analyzed 05/05/22 22:30 05/05/22 22:30	Dil Fac 1 1 1 <i>Dil Fac</i> 1
Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl Method: 300.0 - Anions, Ion Chro Analyte	7190 e Organics (D) Result 100 5540 1550 <u>%Recovery</u> 110 120 ematography - Result	RO) (GC) Qualifier Qualifier Soluble	50.0           RL           50.0 </td <td>MDL</td> <td>mg/Kg Unit mg/Kg mg/Kg mg/Kg Unit</td> <td> <u>D</u></td> <td>Prepared 05/04/22 11:34 05/04/22 11:34 05/04/22 11:34 Prepared 05/04/22 11:34 05/04/22 11:34 Prepared</td> <td>05/09/22 11:48 Analyzed 05/05/22 22:30 05/05/22 22:30 05/05/22 22:30 Analyzed Analyzed</td> <td>Dil Fac</td>	MDL	mg/Kg Unit mg/Kg mg/Kg mg/Kg Unit	<u>D</u>	Prepared 05/04/22 11:34 05/04/22 11:34 05/04/22 11:34 Prepared 05/04/22 11:34 05/04/22 11:34 Prepared	05/09/22 11:48 Analyzed 05/05/22 22:30 05/05/22 22:30 05/05/22 22:30 Analyzed Analyzed	Dil Fac
Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl Method: 300.0 - Anions, Ion Chro Analyte Chloride	7190 e Organics (D) Result 100 5540 1550 <u>%Recovery</u> 110 120 ematography - Result	RO) (GC) Qualifier Qualifier Soluble	50.0           RL           50.0 </td <td>MDL</td> <td>mg/Kg Unit mg/Kg mg/Kg mg/Kg Unit</td> <td> <u>D</u></td> <td>Prepared 05/04/22 11:34 05/04/22 11:34 05/04/22 11:34 Prepared 05/04/22 11:34 05/04/22 11:34 Prepared</td> <td>05/09/22 11:48 Analyzed 05/05/22 22:30 05/05/22 22:30 05/05/22 22:30 Analyzed 05/05/22 22:30 Analyzed 05/05/22 23:48 ple ID: 880-14</td> <td>Dil Fac</td>	MDL	mg/Kg Unit mg/Kg mg/Kg mg/Kg Unit	<u>D</u>	Prepared 05/04/22 11:34 05/04/22 11:34 05/04/22 11:34 Prepared 05/04/22 11:34 05/04/22 11:34 Prepared	05/09/22 11:48 Analyzed 05/05/22 22:30 05/05/22 22:30 05/05/22 22:30 Analyzed 05/05/22 22:30 Analyzed 05/05/22 23:48 ple ID: 880-14	Dil Fac

	120		70 - 130				05/04/22 11:34	05/05/22 22:30	1
Anions, Ion Chrom	atography -	Soluble							
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	1630		25.0		mg/Kg			05/05/22 23:48	5
ID: S-1 (6")							Lab Sam	ple ID: 880-1	4398-2
5/03/22 00:00								Matri	x: Solid
5/04/22 10:05									

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/06/22 11:22	05/08/22 20:01	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/06/22 11:22	05/08/22 20:01	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/06/22 11:22	05/08/22 20:01	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/06/22 11:22	05/08/22 20:01	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/06/22 11:22	05/08/22 20:01	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/06/22 11:22	05/08/22 20:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				05/06/22 11:22	05/08/22 20:01	1
1,4-Difluorobenzene (Surr)	102		70 - 130				05/06/22 11:22	05/08/22 20:01	1

Eurofins Midland

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Job ID: 880-14398-1 SDG: Eddy Co, NM

# Lab Sample ID: 880-14398-1

Matrix: Solid

5

Released to Imaging: 7/19/2022 9:07:49 AM

Project/Site: Red Sauce State Com 001H (03.13.22)

# **Client Sample Results**

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Job ID: 880-14398-1 SDG: Eddy Co, NM

Lab Sample ID: 880-14398-2

# Client Sample ID: S-1 (6") Date Collected: 05/03/22 00:00

Client: Carmona Resources

Date Received: 05/04/22 10:05

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/09/22 15:24	
Method: 8015 NM - Diesel Rang	e Organics (DR	0) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	2630		49.9		mg/Kg			05/09/22 11:48	
Method: 8015B NM - Diesel Rar	nge Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		05/04/22 11:34	05/05/22 22:51	
(GRO)-C6-C10									
Diesel Range Organics (Over	2300		49.9		mg/Kg		05/04/22 11:34	05/05/22 22:51	
C10-C28)									
Oll Range Organics (Over	332		49.9		mg/Kg		05/04/22 11:34	05/05/22 22:51	
C28-C36)									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	102		70 - 130				05/04/22 11:34	05/05/22 22:51	
o-Terphenyl	99		70 - 130				05/04/22 11:34	05/05/22 22:51	
Method: 300.0 - Anions, Ion Ch	romatography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Chloride	736		4.98		mg/Kg			05/05/22 23:55	

# Client Sample ID: S-2 (0-3")

Date Collected: 05/03/22 00:00 Date Received: 05/04/22 10:05

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/06/22 11:22	05/08/22 20:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/06/22 11:22	05/08/22 20:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/06/22 11:22	05/08/22 20:22	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/06/22 11:22	05/08/22 20:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/06/22 11:22	05/08/22 20:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/06/22 11:22	05/08/22 20:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				05/06/22 11:22	05/08/22 20:22	1
1,4-Difluorobenzene (Surr)	105		70 - 130				05/06/22 11:22	05/08/22 20:22	1
- Method: Total BTEX - Total B1	EX Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	< 0.00398	U	0.00398		mg/Kg			05/09/22 15:24	1

Method: 8015 NM - Diesel Rang	o Organics (DR								
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2280		49.9		mg/Kg			05/09/22 11:48	1
Method: 8015B NM - Diesel Rar	nge Organics (D	RO) (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		05/04/22 11:34	05/05/22 23:12	1

(GRO)-C6-C10

**Eurofins Midland** 

Matrix: Solid

Matrix: Solid

# **Client Sample Results**

Client: Carmona Resources Project/Site: Red Sauce State Com 001H (03.13.22)

# Client Sample ID: S-2 (0-3")

Date Collected: 05/03/22 00:00 Date Received: 05/04/22 10:05

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over	1980		49.9		mg/Kg		05/04/22 11:34	05/05/22 23:12	1
C10-C28) Oll Range Organics (Over	298		49.9		mg/Kg		05/04/22 11:34	05/05/22 23:12	
C28-C36)	290		43.5		ing/itg		00/04/22 11.04	03/03/22 23.12	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane			70 - 130				05/04/22 11:34	05/05/22 23:12	1
o-Terphenyl	107		70 - 130				05/04/22 11:34	05/05/22 23:12	1
Method: 300.0 - Anions, Ion Ch	romatography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1060		4.97		mg/Kg			05/06/22 00:14	1
Client Sample ID: S-2 (6")							Lab Sam	ple ID: 880-1	4398-4
Date Collected: 05/03/22 00:00 Date Received: 05/04/22 10:05								Matri	x: Solid
-	- <b>O</b>								
Method: 8021B - Volatile Organ Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		05/06/22 11:22	05/08/22 20:42	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/06/22 11:22	05/08/22 20:42	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/06/22 11:22	05/08/22 20:42	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		05/06/22 11:22	05/08/22 20:42	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/06/22 11:22	05/08/22 20:42	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		05/06/22 11:22	05/08/22 20:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				05/06/22 11:22	05/08/22 20:42	1
1,4-Difluorobenzene (Surr)	104		70 - 130				05/06/22 11:22	05/08/22 20:42	1
Method: Total BTEX - Total BTE	X Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			05/09/22 15:24	1
Method: 8015 NM - Diesel Rang	e Organics (DR	0) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2710		50.0		mg/Kg			05/09/22 11:48	1
Method: 8015B NM - Diesel Rar	ge Organics (D	RO) (GC)							
Analyte		Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/04/22 11:34	05/05/22 23:33	1
Diesel Range Organics (Over C10-C28)	2250		50.0		mg/Kg		05/04/22 11:34	05/05/22 23:33	1
Oll Range Organics (Over	463		50.0		mg/Kg		05/04/22 11:34	05/05/22 23:33	1

Job ID: 880-14398-1 SDG: Eddy Co, NM

# Lab Sample ID: 880-14398-3 Matrix: Solid

Eurofins Midland

Analyzed

05/05/22 23:33

05/05/22 23:33

Prepared

05/04/22 11:34

05/04/22 11:34

5

Released to Imaging: 7/19/2022 9:07:49 AM

Surrogate

o-Terphenyl

1-Chlorooctane

Limits

70 - 130

70 - 130

%Recovery Qualifier

112

109

Dil Fac

1

Project/Site: Red Sauce State Com 001H (03.13.22)

Matrix: Solid

# **Client Sample Results**

Job ID: 880-14398-1 SDG: Eddy Co, NM

Lab Sample ID: 880-14398-4

# Client Sample ID: S-2 (6") Date Collected: 05/03/22 00:00

Date Received: 05/04/22 10:0

Client: Carmona Resources

		• ····				_	<b>_</b> .		<b>_</b>
Analyte Chloride	Result 1020	Qualifier		MDL	mg/Kg	D	Prepared	Analyzed 05/06/22 00:20	Dil Fa
	1020		4.00		ilig/itg				
Client Sample ID: S-3 (0-3")							Lab Sam	ple ID: 880-1	4398-
ate Collected: 05/03/22 00:00								Matri	x: Soli
ate Received: 05/04/22 10:05									
Method: 8021B - Volatile Organic	Compounds (	GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:22	05/08/22 21:03	
Toluene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:22	05/08/22 21:03	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:22	05/08/22 21:03	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/06/22 11:22	05/08/22 21:03	
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:22	05/08/22 21:03	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/06/22 11:22	05/08/22 21:03	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	103		70 - 130				05/06/22 11:22	05/08/22 21:03	
1,4-Difluorobenzene (Surr)	100		70 - 130				05/06/22 11:22	05/08/22 21:03	
Method: Total BTEX - Total BTEX	Calculation								
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00400		0.00400		mg/Kg	<u> </u>	Trepared	05/09/22 15:24	
		-							
Method: 8015 NM - Diesel Range	Organics (DR	0) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	<50.0	U	50.0		mg/Kg			05/09/22 11:48	
Mothod: 2015P NM Dissol Parag	Organica (D								
Method: 8015B NM - Diesel Range Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics	<50.0		50.0		mg/Kg		05/04/22 11:34	05/05/22 21:28	
(GRO)-C6-C10	-50.0	0	50.0		ilig/itg		03/04/22 11.34	03/03/22 21.20	
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		05/04/22 11:34	05/05/22 21:28	
C10-C28)					0 0				
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/04/22 11:34	05/05/22 21:28	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	106		70 - 130				05/04/22 11:34	05/05/22 21:28	
o-Terphenyl	107		70 - 130				05/04/22 11:34	05/05/22 21:28	
Method: 300.0 - Anions, Ion Chroi						_	<b>.</b> .		<b></b>
Analyte		Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fa
Chloride	219		5.01		mg/Kg			05/06/22 00:26	
lient Sample ID: S-3 (6")							Lab Sam	ple ID: 880-1	4398-
ate Collected: 05/03/22 00:00								-	x: Soli
ate Received: 05/04/22 10:05								-	
	•								
Method: 8021B - Volatile Organic Analyte		GC) Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/06/22 11:22	05/08/22 21:23	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/06/22 11:22	05/08/22 21:23	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/06/22 11:22	05/08/22 21:23	1

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# **Client Sample Results**

Client: Carmona Resources Project/Site: Red Sauce State Com 001H (03.13.22)

#### Client Sample ID: S-3 (6") Date Collected: 05/03/22 00:00

Date Received: 05/04/22 10:05

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	< 0.00402	U	0.00402		mg/Kg		05/06/22 11:22	05/08/22 21:23	
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/06/22 11:22	05/08/22 21:23	
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/06/22 11:22	05/08/22 21:23	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	109		70 - 130				05/06/22 11:22	05/08/22 21:23	
1,4-Difluorobenzene (Surr)	101		70 _ 130				05/06/22 11:22	05/08/22 21:23	
Method: Total BTEX - Total BTI	EX Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/09/22 15:24	
Method: 8015 NM - Diesel Rang	ge Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	249		49.9		mg/Kg			05/09/22 11:48	
Method: 8015B NM - Diesel Ra	nge Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		05/04/22 11:34	05/05/22 23:53	
GRO)-C6-C10	74.0		49.9		malka		05/04/22 11:34	05/05/22 23:53	
Diesel Range Organics (Over C10-C28)	74.8		49.9		mg/Kg		05/04/22 11:34	05/05/22 23:53	
Oll Range Organics (Over	174		49.9		mg/Kg		05/04/22 11:34	05/05/22 23:53	
C28-C36)					5. 5				
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane			70 - 130				05/04/22 11:34	05/05/22 23:53	
o-Terphenyl	111		70 - 130				05/04/22 11:34	05/05/22 23:53	
Method: 300.0 - Anions, Ion Ch	romatography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Chloride	177		4.99		mg/Kg			05/06/22 00:33	1
lient Sample ID: S-4 (0-3'	")						Lab Sam	ple ID: 880-14	4398-7
ate Collected: 05/03/22 00:00								Matri	x: Solio
ate Received: 05/04/22 10:05									
Method: 8021B - Volatile Orgar			_						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00202		0.00202		mg/Kg		05/06/22 11:22	05/08/22 21:44	
Toluene	<0.00202		0.00202		mg/Kg		05/06/22 11:22	05/08/22 21:44	
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/06/22 11:22	05/08/22 21:44	
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/06/22 11:22	05/08/22 21:44	

o-Xylene	<0.00202	U	0.00202	mg/Kg	05/06/22 11:22	05/08/22 21:44	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg	05/06/22 11:22	05/08/22 21:44	1
Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
Surrogate 4-Bromofluorobenzene (Surr)	% <b>Recovery</b> 104	Qualifier	Limits 70 - 130		Prepared 05/06/22 11:22	Analyzed 05/08/22 21:44	Dil Fac
		Qualifier					Dil Fac 1 1

Method: Total BTEX - Total BTEX C	alculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/09/22 15:24	1

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Job ID: 880-14398-1 SDG: Eddy Co, NM

# Lab Sample ID: 880-14398-6

Matrix: Solid

Project/Site: Red Sauce State Com 001H (03.13.22)

Method: 8021B - Volatile Organic Compounds (GC)

# **Client Sample Results**

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Job ID: 880-14398-1 SDG: Eddy Co, NM

Lab Sample ID: 880-14398-7

#### Client Sample ID: S-4 (0-3") Date Collected: 05/03/22 00:00

Date Received: 05/04/22 10:05

Client: Carmona Resources

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	246		50.0		mg/Kg			05/09/22 11:48	1
- Method: 8015B NM - Diesel Range	e Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/04/22 11:34	05/06/22 00:14	1
Diesel Range Organics (Over C10-C28)	131		50.0		mg/Kg		05/04/22 11:34	05/06/22 00:14	1
Oll Range Organics (Over C28-C36)	115		50.0		mg/Kg		05/04/22 11:34	05/06/22 00:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				05/04/22 11:34	05/06/22 00:14	
o-Terphenyl	110		70 - 130				05/04/22 11:34	05/06/22 00:14	1
Method: 300.0 - Anions, Ion Chro	matography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Chloride	195		4.98		mg/Kg			05/06/22 00:39	
Client Sample ID: S-4 (6")							Lab Sam	ple ID: 880-1	4398-8
ate Collected: 05/03/22 00:00								•	ix: Solio
ate Received: 05/04/22 10:05									

#### Analyte Result Qualifier D RL MDL Unit Prepared Analyzed Dil Fac Benzene <0.00199 U 0.00199 mg/Kg 05/06/22 11:22 05/08/22 22:04 1 Toluene <0.00199 U 0.00199 mg/Kg 05/06/22 11:22 05/08/22 22:04 1 Ethylbenzene <0.00199 U 0.00199 05/06/22 11:22 05/08/22 22:04 mg/Kg 1 05/06/22 11:22 05/08/22 22:04 m-Xylene & p-Xylene <0.00398 U 0.00398 mg/Kg 1 05/06/22 11:22 o-Xylene <0.00199 U 0.00199 05/08/22 22:04 mg/Kg 1 <0.00398 U 0.00398 05/06/22 11:22 05/08/22 22:04 Xylenes, Total mg/Kg 1 Dil Fac Surrogate %Recovery Qualifier Limits Prepared Analyzed 4-Bromofluorobenzene (Surr) 104 70 - 130 05/06/22 11:22 05/08/22 22:04 1 05/06/22 11:22 1,4-Difluorobenzene (Surr) 98 70 - 130 05/08/22 22:04 1 Method: Total BTEX - Total BTEX Calculation Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Total BTEX <0.00398 U 0.00398 05/09/22 15:24 mg/Kg 1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/09/22 11:48	1
- Method: 8015B NM - Diesel Range	Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result <49.9		RL 49.9	MDL	Unit mg/Kg	<u> </u>	Prepared 05/04/22 11:34	Analyzed 05/06/22 00:34	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10				MDL		<u>D</u>			Dil Fac 1
Gasoline Range Organics		U		MDL		<u> </u>			Dil Fac 1
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	MDL	mg/Kg	<u>D</u>	05/04/22 11:34	05/06/22 00:34	Dil Fac 1

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Matrix: Solid

Client: Carmona Resources

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# **Client Sample Results**

Job ID: 880-14398-1 SDG: Eddy Co. NM

Client Sample ID: S-4 (6")							Lab Sam	ple ID: 880-14	4398-8
ate Collected: 05/03/22 00:00									x: Solid
Date Received: 05/04/22 10:05								in a constant	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	98		70 - 130				05/04/22 11:34	05/06/22 00:34	
o-Terphenyl	96		70 - 130				05/04/22 11:34	05/06/22 00:34	
<u>.</u>									
Method: 300.0 - Anions, Ion Chro						_			
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Chloride	178		5.05		mg/Kg			05/06/22 00:45	
lient Sample ID: H-1 (0-6")	)						Lab Sam	ple ID: 880-14	4398-9
Date Collected: 05/03/22 00:00								Matri	x: Solie
Date Received: 05/04/22 10:05									
Method: 8021B - Volatile Organic			<b>_</b> .		11	_	<b>D</b>	August 1	D.1 -
Analyte	Result <0.00198	Qualifier	RL	MDL	Unit ma/Ka	<u>D</u>	Prepared	Analyzed	Dil Fa
Benzene	<0.00198				mg/Kg		05/06/22 11:22	05/08/22 22:24	
Toluene			0.00198		mg/Kg		05/06/22 11:22	05/08/22 22:24	
Ethylbenzene	<0.00198 <0.00396		0.00198		mg/Kg		05/06/22 11:22	05/08/22 22:24	
m-Xylene & p-Xylene			0.00396		mg/Kg		05/06/22 11:22	05/08/22 22:24	
o-Xylene	<0.00198 <0.00396		0.00198 0.00396		mg/Kg		05/06/22 11:22 05/06/22 11:22	05/08/22 22:24 05/08/22 22:24	
Xylenes, Total	<0.00396	0	0.00396		mg/Kg		05/06/22 11:22	05/06/22 22:24	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)			70 - 130				05/06/22 11:22	05/08/22 22:24	
1,4-Difluorobenzene (Surr)	102		70 - 130				05/06/22 11:22	05/08/22 22:24	
Method: Total BTEX - Total BTEX		Qualifian	DI DI	MDI	11		Dremered	Analyzed	
Analyte Total BTEX		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed 05/09/22 15:24	Dil Fa
	<0.00396	0	0.00396		mg/Kg			05/09/22 15:24	
Method: 8015 NM - Diesel Range	e Organics (DR	0) (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	<50.0	U	50.0		mg/Kg			05/09/22 11:48	
-									
Method: 8015B NM - Diesel Rang	ge Organics (D	RO) (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		05/04/22 11:34	05/06/22 00:55	
(GRO)-C6-C10 Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		05/04/22 11:34	05/06/22 00:55	
	\$00.0	0	00.0				50/07/22 11.04	50100122 00.00	
			50.0		mg/Kg		05/04/22 11:34	05/06/22 00:55	
C10-C28)	<50.0	0							
C10-C28) Oll Range Organics (Over C28-C36)			1				D#=	A	D.7 -
C10-C28) Oll Range Organics (Over C28-C36) Surrogate	%Recovery		Limits				Prepared	Analyzed	
C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	%Recovery 96		70 - 130				05/04/22 11:34	05/06/22 00:55	
C10-C28)	%Recovery								
C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	% <b>Recovery</b> 96 97	Qualifier	70 - 130				05/04/22 11:34	05/06/22 00:55	
C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	%Recovery 96 97 omatography -	Qualifier	70 - 130	MDL	Unit	D	05/04/22 11:34	05/06/22 00:55	Dil Fa

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# **Client Sample Results**

Client: Carmona Resources Project/Site: Red Sauce State Com 001H (03.13.22)

Method: 8021B - Volatile Organic Compounds (GC)

#### Client Sample ID: H-2 (0-6") Date Collected: 05/03/22 00:00

Date Received: 05/04/22 10:05

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/06/22 11:22	05/08/22 22:45	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/06/22 11:22	05/08/22 22:45	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/06/22 11:22	05/08/22 22:45	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/06/22 11:22	05/08/22 22:45	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/06/22 11:22	05/08/22 22:45	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/06/22 11:22	05/08/22 22:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				05/06/22 11:22	05/08/22 22:45	1
1,4-Difluorobenzene (Surr)	99		70 - 130				05/06/22 11:22	05/08/22 22:45	1
Method: Total BTEX - Total BTEX	<b>Calculation</b>								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/09/22 15:24	1
Total TPH - - Method: 8015B NM - Diesel Rang		RO) (GC)	50.0		mg/Kg			05/09/22 11:48	1
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/04/22 11:34	05/06/22 01:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/04/22 11:34	05/06/22 01:15	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/04/22 11:34	05/06/22 01:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				05/04/22 11:34	05/06/22 01:15	1
o-Terphenyl	83		70 - 130				05/04/22 11:34	05/06/22 01:15	1
- Method: 300.0 - Anions, Ion Chro	omatography -	Soluble							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	203		4.99		mg/Kg			05/06/22 03:28	1
Client Sample ID: H-3 (0-6")							Lab Samp	le ID: 880-14	398-11
oate Collected: 05/03/22 00:00							-	Matri	x: Solid

#### Method: 8021B - Volatile Organic Compounds (GC) Analyte Result Qualifier MDL Unit D Dil Fac RL Prepared Analyzed Benzene <0.00201 U 0.00201 mg/Kg 05/06/22 11:22 05/09/22 00:35 1 Toluene <0.00201 U 0.00201 mg/Kg 05/06/22 11:22 05/09/22 00:35 1 Ethylbenzene <0.00201 U 0.00201 mg/Kg 05/06/22 11:22 05/09/22 00:35 1 m-Xylene & p-Xylene <0.00402 U 0.00402 mg/Kg 05/06/22 11:22 05/09/22 00:35 1 o-Xylene <0.00201 U 0.00201 mg/Kg 05/06/22 11:22 05/09/22 00:35 1 Xylenes, Total <0.00402 U 0.00402 05/06/22 11:22 05/09/22 00:35 mg/Kg 1 %Recovery Qualifier Limits Surrogate Prepared Analyzed Dil Fac 110 70 - 130 05/06/22 11:22 05/09/22 00:35 4-Bromofluorobenzene (Surr) 1 1,4-Difluorobenzene (Surr) 96 70 - 130 05/06/22 11:22 05/09/22 00:35 1

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Job ID: 880-14398-1 SDG: Eddy Co, NM

# Lab Sample ID: 880-14398-10

Matrix: Solid

Project/Site: Red Sauce State Com 001H (03.13.22)

# **Client Sample Results**

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Job ID: 880-14398-1 SDG: Eddy Co, NM

Lab Sample ID: 880-14398-11

## Client Sample ID: H-3 (0-6") Date Collected: 05/03/22 00:00

Date Received: 05/04/22 10:05

Client: Carmona Resources

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Fotal BTEX	<0.00402	U	0.00402		mg/Kg			05/09/22 15:24	
Method: 8015 NM - Diesel Rar	nge Organics (DR	0) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	52.3		50.0		mg/Kg			05/09/22 11:48	
Method: 8015B NM - Diesel Ra	ange Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		05/04/22 11:34	05/06/22 01:56	
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		05/04/22 11:34	05/06/22 01:56	
C10-C28)									
Oll Range Organics (Over	52.3		50.0		mg/Kg		05/04/22 11:34	05/06/22 01:56	
C28-C36)									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	115		70 - 130				05/04/22 11:34	05/06/22 01:56	
o-Terphenyl	116		70 - 130				05/04/22 11:34	05/06/22 01:56	
Method: 300.0 - Anions, Ion C	hromatography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Chloride	177		5.01		mg/Kg			05/06/22 04:06	

#### Client Sample ID: H-4 (0-6")

Date Collected: 05/03/22 00:00 Date Received: 05/04/22 10:05

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/06/22 11:22	05/09/22 00:55	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/06/22 11:22	05/09/22 00:55	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/06/22 11:22	05/09/22 00:55	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/06/22 11:22	05/09/22 00:55	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/06/22 11:22	05/09/22 00:55	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/06/22 11:22	05/09/22 00:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				05/06/22 11:22	05/09/22 00:55	1
1,4-Difluorobenzene (Surr)	97		70 - 130				05/06/22 11:22	05/09/22 00:55	1
Method: Total BTEX - Total B	<b>FEX Calculation</b>								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/09/22 15:24	1
- Method: 8015 NM - Diesel Rai	nge Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
								05/09/22 11:48	

					0 0				
Method: 8015B NM - Diesel Range C	organics (Di	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		05/04/22 11:34	05/06/22 02:16	1
(GRO)-C6-C10									

**Eurofins Midland** 

Matrix: Solid

Matrix: Solid

# **Client Sample Results**

Client: Carmona Resources Project/Site: Red Sauce State Com 001H (03.13.22)

#### Client Sample ID: H-4 (0-6") Date Collected: 05/03/22 00:00

Date Received: 05/04/22 10:05

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		05/04/22 11:34	05/06/22 02:16	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/04/22 11:34	05/06/22 02:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane			70 - 130				05/04/22 11:34	05/06/22 02:16	1
o-Terphenyl	116		70 - 130				05/04/22 11:34	05/06/22 02:16	1
Method: 300.0 - Anions, Ion Chro	matography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	209		4.99		mg/Kg			05/06/22 04:19	1
Client Sample ID: H-5 (0-6")							Lab Samp	le ID: 880-14	398-13
Date Collected: 05/03/22 00:00								Matri	x: Solid

Date Received: 05/04/22 10:05

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	< 0.00202	U	0.00202		mg/Kg		05/06/22 11:22	05/09/22 01:16	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/06/22 11:22	05/09/22 01:16	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/06/22 11:22	05/09/22 01:16	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		05/06/22 11:22	05/09/22 01:16	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/06/22 11:22	05/09/22 01:16	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		05/06/22 11:22	05/09/22 01:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				05/06/22 11:22	05/09/22 01:16	1
1,4-Difluorobenzene (Surr)	95		70 - 130				05/06/22 11:22	05/09/22 01:16	1

ĺ	Method: Total BTEX - Total BTEX Calculation											
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
	Total BTEX	< 0.00403	U	0.00403		mg/Kg			05/09/22 15:24	1		
	_											

MDL Unit

mg/Kg

D

Prepared

Analyzed

05/09/22 11:48

wethod: 8015 NW - Dieser Range C	rganics (DR	U) (GC)	
Analyte	Result	Qualifier	RL
Total TPH	<49.9	U	49.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		05/04/22 11:34	05/06/22 02:37	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		05/04/22 11:34	05/06/22 02:37	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/04/22 11:34	05/06/22 02:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane			70 - 130				05/04/22 11:34	05/06/22 02:37	1
o-Terphenyl	112		70 - 130				05/04/22 11:34	05/06/22 02:37	1
_									
Method: 300.0 - Anions, Ion Chro	matography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	186	5.05	mg/Kg			05/06/22 04:31	1

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Job ID: 880-14398-1 SDG: Eddy Co, NM

# Lab Sample ID: 880-14398-12 Matrix: Solid

\_\_\_\_ 1

Dil Fac

1

# **Client Sample Results**

Client: Carmona Resources Project/Site: Red Sauce State Com 001H (03.13.22)

#### Client Sample ID: H-6 (0-6") Date Collected: 05/03/22 00:00

Date Received: 05/04/22 10:05

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:22	05/09/22 01:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:22	05/09/22 01:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:22	05/09/22 01:36	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/06/22 11:22	05/09/22 01:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:22	05/09/22 01:36	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/06/22 11:22	05/09/22 01:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				05/06/22 11:22	05/09/22 01:36	1
1,4-Difluorobenzene (Surr)	96		70 - 130				05/06/22 11:22	05/09/22 01:36	1
Method: Total BTEX - Total BTEX	<b>X</b> Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			05/09/22 15:24	1
Method: 8015 NM - Diesel Range	Organics (DR)	0) (GC)							
· · · · · · · · · · · · · · · · · · ·		<mark>O) (GC)</mark> Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte		Qualifier		MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 05/09/22 11:48	Dil Fac
Analyte Total TPH	Result <50.0	Qualifier U		MDL		<u> </u>	Prepared		Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang	e Organics (DI	Qualifier U RO) (GC)	50.0		mg/Kg		<u>.</u>	05/09/22 11:48	1
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte	ge Organics (Di Result	Qualifier U RO) (GC) Qualifier	50.0 		mg/Kg Unit	<u>D</u>	Prepared	05/09/22 11:48 Analyzed	Dil Fac 1 Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics	e Organics (DI	Qualifier U RO) (GC) Qualifier	50.0		mg/Kg		<u>.</u>	05/09/22 11:48	1 Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10	ge Organics (Di Result	Qualifier U RO) (GC) Qualifier U	50.0 		mg/Kg Unit		Prepared	05/09/22 11:48 Analyzed	1 Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	ge Organics (D) Result Result <50.0	Qualifier U RO) (GC) Qualifier U	50.0 RL 50.0		mg/Kg Unit mg/Kg		Prepared 05/04/22 11:34	05/09/22 11:48  Analyzed  05/06/22 02:57	1 Dil Fac 1
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	ge Organics (D) Result Result <50.0	Qualifier U RO) (GC) Qualifier U U	50.0 RL 50.0		mg/Kg Unit mg/Kg		Prepared 05/04/22 11:34	05/09/22 11:48  Analyzed  05/06/22 02:57	1 Dil Fac 1
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result <50.0 ge Organics (Di Result <50.0 <50.0 <50.0	Qualifier U RO) (GC) Qualifier U U U	50.0 <b>RL</b> 50.0 50.0		mg/Kg Unit mg/Kg mg/Kg		Prepared 05/04/22 11:34 05/04/22 11:34	05/09/22 11:48 Analyzed 05/06/22 02:57 05/06/22 02:57	1 Dil Fac 1 1
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Result <50.0 ge Organics (Di Result <50.0 <50.0 <50.0	Qualifier U RO) (GC) Qualifier U U U	50.0 <b>RL</b> 50.0 50.0 50.0		mg/Kg Unit mg/Kg mg/Kg		Prepared 05/04/22 11:34 05/04/22 11:34 05/04/22 11:34	05/09/22 11:48 Analyzed 05/06/22 02:57 05/06/22 02:57 05/06/22 02:57	1 Dil Fac 1 1
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics	Result           <50.0	Qualifier U RO) (GC) Qualifier U U U	50.0 RL 50.0 50.0 50.0 Limits		mg/Kg Unit mg/Kg mg/Kg		Prepared 05/04/22 11:34 05/04/22 11:34 05/04/22 11:34 Prepared	05/09/22 11:48 Analyzed 05/06/22 02:57 05/06/22 02:57 05/06/22 02:57 Analyzed	1 Dil Fac 1 1 1 Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Result           <50.0	Qualifier U RO) (GC) Qualifier U U U Qualifier	50.0           RL           50.0           50.0           50.0           50.0           50.0           50.0           50.0           70.130		mg/Kg Unit mg/Kg mg/Kg		Prepared 05/04/22 11:34 05/04/22 11:34 05/04/22 11:34 Prepared 05/04/22 11:34	05/09/22 11:48 Analyzed 05/06/22 02:57 05/06/22 02:57 05/06/22 02:57 Analyzed 05/06/22 02:57	1 Dil Fac 1 1 1 1 <b>Dil Fac</b> 1
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result           <50.0	Qualifier U RO) (GC) Qualifier U U U Qualifier	50.0           RL           50.0           50.0           50.0           50.0           50.0           50.0           50.0           70.130	MDL	mg/Kg Unit mg/Kg mg/Kg		Prepared 05/04/22 11:34 05/04/22 11:34 05/04/22 11:34 Prepared 05/04/22 11:34	05/09/22 11:48 Analyzed 05/06/22 02:57 05/06/22 02:57 05/06/22 02:57 Analyzed 05/06/22 02:57	1 Dil Fac 1 1 1 1 <b>Dil Fac</b> 1

Job ID: 880-14398-1 SDG: Eddy Co, NM

Matrix: Solid

# Lab Sample ID: 880-14398-14

#### Surrogate Summary

Client: Carmona Resources Project/Site: Red Sauce State Com 001H (03.13.22)

#### Method: 8021B - Volatile Organic Compounds (GC) Matrix: Solid

Percent Surrogate Recovery (Acceptance Limits) BFB1 DFBZ1 Client Sample ID (70-130) (70-130) Lab Sample ID 880-14398-1 S-1 (0-3") 100 106 880-14398-1 MS S-1 (0-3") 103 101 880-14398-1 MSD S-1 (0-3") 101 104 880-14398-2 S-1 (6") 104 102 880-14398-3 S-2 (0-3") 110 105 880-14398-4 S-2 (6") 106 104 880-14398-5 S-3 (0-3") 103 100 109 101 880-14398-6 S-3 (6") 880-14398-7 S-4 (0-3") 104 100 880-14398-8 S-4 (6") 104 98 880-14398-9 H-1 (0-6") 112 102 880-14398-10 H-2 (0-6") 111 99 880-14398-11 H-3 (0-6") 110 96 880-14398-12 H-4 (0-6") 107 97 880-14398-13 H-5 (0-6") 95 110 880-14398-14 96 H-6 (0-6") 112 LCS 880-24964/1-A Lab Control Sample 107 100 LCSD 880-24964/2-A Lab Control Sample Dup 108 100 MB 880-24964/5-A Method Blank 98 95

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

				Percent Surrogate Recovery (Acceptance Limits)
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-14398-1	S-1 (0-3")	110	120	
880-14398-2	S-1 (6")	102	99	
880-14398-3	S-2 (0-3")	110	107	
880-14398-4	S-2 (6")	112	109	
380-14398-5	S-3 (0-3")	106	107	
380-14398-5 MS	S-3 (0-3")	101	91	
880-14398-5 MSD	S-3 (0-3")	106	95	
380-14398-6	S-3 (6")	113	111	
880-14398-7	S-4 (0-3")	112	110	
880-14398-8	S-4 (6")	98	96	
80-14398-9	H-1 (0-6")	96	97	
80-14398-10	H-2 (0-6")	82	83	
80-14398-11	H-3 (0-6")	115	116	
880-14398-12	H-4 (0-6")	114	116	
380-14398-13	H-5 (0-6")	113	112	
880-14398-14	H-6 (0-6")	111	114	
CS 880-24807/2-A	Lab Control Sample	114	113	
CSD 880-24807/3-A	Lab Control Sample Dup	106	105	
MB 880-24807/1-A	Method Blank	121	132 S1+	

Job ID: 880-14398-1 SDG: Eddy Co, NM

Prep Type: Total/NA

Prep Type: Total/NA

# **Surrogate Summary**

Client: Carmona Resources Project/Site: Red Sauce State Com 001H (03.13.22) 1CO = 1-Chlorooctane OTPH = o-Terphenyl

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Job ID: 880-14398-1 SDG: Eddy Co, NM

Eurofins Midland

Lab Sample ID: MB 880-24964/5-A

# **QC Sample Results**

Client: Carmona Resources Project/Site: Red Sauce State Com 001H (03.13.22)

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

Matrix: Solid Analysis Batch: 25052								Prep Type: 1 Prep Batch	
	МВ	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	< 0.00200	U	0.00200		mg/Kg		05/06/22 11:22	05/08/22 19:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:22	05/08/22 19:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:22	05/08/22 19:12	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/06/22 11:22	05/08/22 19:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:22	05/08/22 19:12	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/06/22 11:22	05/08/22 19:12	1
	МВ	МВ							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				05/06/22 11:22	05/08/22 19:12	1
1,4-Difluorobenzene (Surr)	95		70 - 130				05/06/22 11:22	05/08/22 19:12	1

#### Lab Sample ID: LCS 880-24964/1-A Matrix: Solid

#### Analysis Batch: 25052

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.08587		mg/Kg		86	70 - 130	
Toluene	0.100	0.09093		mg/Kg		91	70 - 130	
Ethylbenzene	0.100	0.09444		mg/Kg		94	70 - 130	
m-Xylene & p-Xylene	0.200	0.1946		mg/Kg		97	70 - 130	
o-Xylene	0.100	0.1086		mg/Kg		109	70 - 130	

	LCS LCS	
Surrogate	%Recovery Qual	ifier Limits
4-Bromofluorobenzene (Surr)	107	70 - 130
1,4-Difluorobenzene (Surr)	100	70 - 130

#### Lab Sample ID: LCSD 880-24964/2-A

#### Matrix: Solid

Analysis Batch: 25052							Prep	Batch:	24964
	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.08878		mg/Kg		89	70 - 130	3	35
Toluene	0.100	0.08583		mg/Kg		86	70 - 130	6	35
Ethylbenzene	0.100	0.08732		mg/Kg		87	70 - 130	8	35
m-Xylene & p-Xylene	0.200	0.1780		mg/Kg		89	70 - 130	9	35
o-Xylene	0.100	0.09949		mg/Kg		99	70 - 130	9	35

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

#### Lab Sample ID: 880-14398-1 MS Matrix: Solid

#### Analysis Bataby 25052

Analysis Batch: 25052									Prep	Batch: 24964
	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00200	U F1	0.0996	0.04611	F1	mg/Kg		46	70 - 130	
Toluene	<0.00200	U F1	0.0996	0.03905	F1	mg/Kg		38	70 - 130	

**Eurofins Midland** 

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

Prep Type: Total/NA

# Job ID: 880-14398-1 SDG: Eddy Co, NM

**Client Sample ID: Method Blank** 

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Type: Total/NA

Prep Batch: 24964

# QC Sample Results

Client: Carmona Resources Project/Site: Red Sauce State Com 001H (03.13.22) Job ID: 880-14398-1 SDG: Eddy Co, NM

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

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

Prep Type: Total/NA

# Method: 8021B - Volatile Organic Compounds (GC) (Continued) Lab Sample ID: 880-14398-1 MS

Matrix: Solid Analysis Batch: 25052										e: Total/NA atch: 24964
-	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Ethylbenzene	< 0.00200	U F1	0.0996	0.03452	F1	mg/Kg		34	70 - 130	
m-Xylene & p-Xylene	<0.00401	U F1	0.199	0.06823	F1	mg/Kg		34	70 - 130	
o-Xylene	<0.00200	U F1	0.0996	0.03400	F1	mg/Kg		34	70 _ 130	
	MS	MS								
•	a ( <b>-</b>									

Surrogate	%Recovery Qual	ifier Limits
4-Bromofluorobenzene (Surr)	103	70 - 130
1,4-Difluorobenzene (Surr)	101	70 _ 130

#### Lab Sample ID: 880-14398-1 MSD Matrix: Solid

#### Analysis Batch: 25052

1,4-Difluorobenzene (Surr)

Analysis Batch: 25052									Prep	Batch:	24964	
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	<0.00200	U F1	0.0998	0.04463	F1	mg/Kg		45	70 - 130	3	35	
Toluene	<0.00200	U F1	0.0998	0.03916	F1	mg/Kg		38	70 - 130	0	35	ī
Ethylbenzene	<0.00200	U F1	0.0998	0.03504	F1	mg/Kg		35	70 - 130	1	35	
m-Xylene & p-Xylene	<0.00401	U F1	0.200	0.07036	F1	mg/Kg		35	70 - 130	3	35	ï
o-Xylene	<0.00200	U F1	0.0998	0.03610	F1	mg/Kg		36	70 - 130	6	35	
	MSD	MSD										
Surrogate	%Recovery	Qualifier	Limits									
4-Bromofluorobenzene (Surr)			70 - 130									

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

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#### Lab Sample ID: MB 880-24807/1-A **Client Sample ID: Method Blank** Matrix: Solid Prep Type: Total/NA Analysis Batch: 24860 Prep Batch: 24807 MB MB Result Qualifier RL MDL Unit D Prepared Analyzed Analyte <50.0 U 05/04/22 11:34 50.0 05/05/22 20:25 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 50.0 05/04/22 11:34 05/05/22 20:25 mg/Kg C10-C28) Oll Range Organics (Over C28-C36) <50.0 U 50.0 05/04/22 11:34 05/05/22 20:25 mg/Kg MB MB %Recovery Qualifier Limits Prepared Surrogate Analyzed 1-Chlorooctane 121 70 - 130 05/04/22 11:34 05/05/22 20:25 132 S1+ 70 - 130 05/04/22 11:34 05/05/22 20:25 o-Terphenyl **Client Sample ID: Lab Control Sample**

70 - 130

#### Lab Sample ID: LCS 880-24807/2-A Matrix: Solid Analysia Databy 04000

Analysis Batch: 24860							Prep	Batch: 24807
	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	1194		mg/Kg		119	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	982.6		mg/Kg		98	70 - 130	
C10-C28)								

**Eurofins Midland** 

Prep Type: Total/NA

5

7

Released to Imaging: 7/19/2022 9:07:49 AM

Dil Fac

1

1

1

1

1

Dil Fac

# **QC Sample Results**

Client: Carmona Resources Project/Site: Red Sauce State Com 001H (03.13.22)

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

Job ID: 880-14398-1 SDG: Eddy Co, NM

Lab Sample ID: LCS 880-24 Matrix: Solid	807/2-A						Client	Sample		ype: To	tal/NA
Analysis Batch: 24860									Prep	Batch:	2480
	LCS	LCS									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane			70 - 130								
o-Terphenyl	113		70 - 130								
Lab Sample ID: LCSD 880-2	24807/3 <b>-</b> A					Clier	nt Sam	nle ID:	Lab Contro	l Samol	ο Οιμ
Matrix: Solid						Unit.	it oui			ype: To	
Analysis Batch: 24860										Batch:	
Analysis Baten. 24000			Spike	LCSD	LCSD				%Rec	Daton.	RPI
Analyte			Added		Qualifier	Unit	D	%Rec	Limits	RPD	Limi
Gasoline Range Organics			1000	1023	Quanner	mg/Kg		102	70 - 130	15	20
(GRO)-C6-C10			1000	1025		iiig/itg		102	70 - 150	10	20
Diesel Range Organics (Over			1000	869.1		mg/Kg		87	70 - 130	12	20
C10-C28)											
	LCSD	LCSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane			70 - 130								
o-Terphenyl	105		70 - 130								
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over			Spike           Added           1000		MS Qualifier	_ <mark>Unit</mark> mg/Kg mg/Kg	<u>D</u>	% <b>Rec</b> 120	%Rec Limits 70 - 130 70 - 130		
C10-C28)	-00.0	0	1000	010.0		ilig/itg		52	10-100		
	MS	MS									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	101		70 - 130								
o-Terphenyl	91		70 - 130								
Lab Sample ID: 880-14398- Matrix: Solid Analysis Batch: 24860	5 MSD							Clie	ent Sample Prep T Prep		tal/NA
	-	Sample	Spike		MSD				%Rec		RPD
Analyte		Qualifier	Added		Qualifier	Unit	D	%Rec	Limits	RPD	Limi
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	1294		mg/Kg		127	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	991.4		mg/Kg		99	70 - 130	8	20
	MSD	MSD									
Surrogate	%Recovery		Limits								
1-Chlorooctane	106		70 - 130								
· To we have a	05		70 400								

Released to Imaging: 7/19/2022 9:07:49 AM

95

o-Terphenyl

70 - 130

#### Job ID: 880-14398-1 SDG: Eddy Co, NM

Client: Carmona Resources Project/Site: Red Sauce State Com 001H (03.13.22)

# Method: 300.0 - Anions, Ion Chromatography

Chloride Lab Sample ID: LCS 880-24811/2-A Matrix: Solid Analysis Batch: 24864 Analyte Chloride Lab Sample ID: LCSD 880-24811/3-A Matrix: Solid Analysis Batch: 24864 Analyte Chloride Lab Sample ID: 880-14399-A-1-B MS Matrix: Solid Analysis Batch: 24864 Sample Chloride Lab Sample ID: 880-14399-A-1-C MSD Matrix: Solid Analysis Batch: 24864 Sample Chloride Lab Sample ID: 880-14399-A-1-C MSD Matrix: Solid Analysis Batch: 24864 Sample	Resul <5.00		Spike Added 250 Spike Added 250 Spike Added 249	RL 5.00	LCS Result 269.6 LCSD Result 249.1	MDL Uni mg. LCS Qualifier MS Qualifier	Kg <mark>Unit</mark> mg/Kg		Client	%Rec 108 nple ID: %Rec 100	Analyza 05/06/22 0 a ID: Lab Co Prep %Rec Limits 90 - 110 Lab Control Prep %Rec Limits 90 - 110 Sample ID:	I Samp Type: S I Samp Type: S RPD 8	Dil Fac 1 Sample Soluble le Dup Soluble RPD Limit 20 3 Spike
Analyte Chloride Lab Sample ID: LCS 880-24811/2-A Matrix: Solid Analysis Batch: 24864 Analyte Chloride Lab Sample ID: LCSD 880-24811/3-A Matrix: Solid Analysis Batch: 24864 Analyte Chloride Lab Sample ID: 880-14399-A-1-B MS Matrix: Solid Analysis Batch: 24864 Sample Chloride Lab Sample ID: 880-14399-A-1-C MSD Matrix: Solid Analysis Batch: 24864 Sample Analyte Resul Chloride Chloride Chloride Analyte Resul Chloride Chloride Chloride Analyte Resul Chloride Analyte Resul Chloride Chloride Chloride Chloride Chloride Chloride Matrix: Solid Analyte Resul Chloride Chlori	Resul <5.00	t Qualifier	Spike Added 250 Spike Added 250 Spike Added		LCS Result 269.6 LCSD Result 249.1 MS Result	LCS Qualifier Qualifier MS	Kg <u>Unit</u> <u>Unit</u> <u>Unit</u> <u>Unit</u>	с С	 	%Rec 108 nple ID: %Rec 100 Client	05/06/22 0 e ID: Lab Co Prep 7 %Rec Limits 90 - 110 Lab Control Prep 7 %Rec Limits 90 - 110 Sample ID: Prep 7 %Rec Limits	DII:36 DII:36 Type: S I Samp Type: S RPD 8 Matrix	1 Sample Soluble Goluble RPD Limit 20 Spike
Chloride Lab Sample ID: LCS 880-24811/2-A Matrix: Solid Analysis Batch: 24864 Analyte Chloride Lab Sample ID: LCSD 880-24811/3-A Matrix: Solid Analysis Batch: 24864 Analyte Chloride Lab Sample ID: 880-14399-A-1-B MS Matrix: Solid Analysis Batch: 24864 Sample Chloride Lab Sample ID: 880-14399-A-1-C MSD Matrix: Solid Analysis Batch: 24864 Chloride Lab Sample ID: 880-14399-A-1-C MSD Matrix: Solid Analysis Batch: 24864 Sample Analyte Chloride C	<5.00		Spike Added 250 Spike Added 250 Spike Added		LCS Result 269.6 LCSD Result 249.1 MS Result	LCS Qualifier Qualifier MS	Kg <u>Unit</u> <u>Unit</u> <u>Unit</u> <u>Unit</u>	с С	 	%Rec 108 nple ID: %Rec 100 Client	05/06/22 0 e ID: Lab Co Prep 7 %Rec Limits 90 - 110 Lab Control Prep 7 %Rec Limits 90 - 110 Sample ID: Prep 7 %Rec Limits	DII:36 DII:36 Type: S I Samp Type: S RPD 8 Matrix	1 Soluble Soluble Soluble RPD Limit 20 Spike
Lab Sample ID: LCS 880-24811/2-A Matrix: Solid Analysis Batch: 24864 Analyte Chloride Lab Sample ID: LCSD 880-24811/3-A Matrix: Solid Analysis Batch: 24864 Chloride Lab Sample ID: 880-14399-A-1-B MS Matrix: Solid Analysis Batch: 24864 Sample Chloride 16.0 Lab Sample ID: 880-14399-A-1-C MSD Matrix: Solid Analysis Batch: 24864 Sample Analysis Batch: 24864 Sample Analysis Batch: 24864	  le Sau		Added 250 Spike Added 250 Spike Added	5.00	Result 269.6 LCSD Result 249.1 MS Result	LCS Qualifier LCSD Qualifier MS	Unit mg/Kg C Unit mg/Kg		_ D Sam	%Rec 108 nple ID: %Rec 100 Client	B ID: Lab Co Prep %Rec Limits 90 - 110 Lab Control Prep %Rec Limits 90 - 110 Sample ID: Prep %Rec Limits	I Samp Type: S I Samp Type: S <u>RPD</u> 8 Matrix	ie Dup soluble soluble coluble Limit 20 s Spike
Matrix: Solid         Analysis Batch: 24864         Analyte         Chloride         Lab Sample ID: LCSD 880-24811/3-A         Matrix: Solid         Analyte         Chloride         Lab Sample ID: LCSD 880-24811/3-A         Matrix: Solid         Analyte         Chloride         Lab Sample ID: 880-14399-A-1-B MS         Matrix: Solid         Analysis Batch: 24864         Sample         Chloride         Lab Sample ID: 880-14399-A-1-B MS         Matrix: Solid         Analyte         Chloride         Lab Sample ID: 880-14399-A-1-C MSD         Matrix: Solid         Analysis Batch: 24864         Sample         Analysis Batch: 24864         Sample         Matrix: Solid         Analysis Batch: 24864	lt Qu	•	Added 250 Spike Added 250 Spike Added		Result 269.6 LCSD Result 249.1 MS Result	Qualifier LCSD Qualifier MS	Unit		_ D Sam	%Rec 108 nple ID: %Rec 100 Client	Prep 7 %Rec Limits 90 - 110 Lab Control Prep 7 %Rec Limits 90 - 110 Sample ID: Prep 7 %Rec Limits	Type: S I Samp Type: S <u>RPD</u> 8 Matrix	le Dup soluble Limi 20 Spike
Matrix: Solid         Analysis Batch: 24864         Analyte         Chloride         Lab Sample ID: LCSD 880-24811/3-A         Matrix: Solid         Analysis Batch: 24864         Analyte         Chloride         Lab Sample ID: 880-14399-A-1-B MS         Matrix: Solid         Analysis Batch: 24864         Sample         Chloride         Lab Sample ID: 880-14399-A-1-B MS         Matrix: Solid         Analysis Batch: 24864         Sample         Chloride         Lab Sample ID: 880-14399-A-1-C MSD         Matrix: Solid         Analysis Batch: 24864         Sample         Lab Sample ID: 880-14399-A-1-C MSD         Matrix: Solid         Analysis Batch: 24864         Sample         Analysis Batch: 24864	lt Qu	•	Added 250 Spike Added 250 Spike Added		Result 269.6 LCSD Result 249.1 MS Result	Qualifier LCSD Qualifier MS	Unit		_ D Sam	%Rec 108 nple ID: %Rec 100 Client	Prep 7 %Rec Limits 90 - 110 Lab Control Prep 7 %Rec Limits 90 - 110 Sample ID: Prep 7 %Rec Limits	Type: S I Samp Type: S <u>RPD</u> 8 Matrix	le Dup Soluble RPE Limi 20 Spike
Analyte Chloride Lab Sample ID: LCSD 880-24811/3-A Matrix: Solid Analysis Batch: 24864 Analyte Chloride Lab Sample ID: 880-14399-A-1-B MS Matrix: Solid Analysis Batch: 24864 Sample Chloride Lab Sample ID: 880-14399-A-1-C MSD Matrix: Solid Analysis Batch: 24864 Chloride Chl	lt Qu	•	Added 250 Spike Added 250 Spike Added		Result 269.6 LCSD Result 249.1 MS Result	Qualifier LCSD Qualifier MS	Unit	lient	: Sam	108 hple ID: %Rec 100 Client	Limits 90 - 110 Lab Control Prep 7 %Rec Limits 90 - 110 Sample ID: Prep 7 %Rec Limits	RPD 8 Matrix	RPE Limi 20 Spike
Chloride Lab Sample ID: LCSD 880-24811/3-A Matrix: Solid Analysis Batch: 24864 Analyte Chloride Lab Sample ID: 880-14399-A-1-B MS Matrix: Solid Analysis Batch: 24864 Sample Chloride Lab Sample ID: 880-14399-A-1-C MSD Matrix: Solid Analysis Batch: 24864 Sample Analysis Batch: 24864 Sample Analyte Analyte Resul	lt Qu	•	Added 250 Spike Added 250 Spike Added		Result 269.6 LCSD Result 249.1 MS Result	Qualifier LCSD Qualifier MS	Unit	lient	: Sam	108 hple ID: %Rec 100 Client	Limits 90 - 110 Lab Control Prep 7 %Rec Limits 90 - 110 Sample ID: Prep 7 %Rec Limits	RPD 8 Matrix	RPE Limi 20 Spike
Chloride Lab Sample ID: LCSD 880-24811/3-A Matrix: Solid Analysis Batch: 24864 Analyte Chloride Lab Sample ID: 880-14399-A-1-B MS Matrix: Solid Analysis Batch: 24864 Sample Chloride Chloride Lab Sample ID: 880-14399-A-1-C MSD Matrix: Solid Analysis Batch: 24864 Sample Analysis Batch: 24864 Sample Analyte Analyte Resul	lt Qu	•	250 Spike Added 250 Spike Added		269.6 LCSD Result 249.1 MS Result	LCSD Qualifier MS	Unit	lient	: Sam	108 hple ID: %Rec 100 Client	90 - 110 Lab Control Prep 7 %Rec Limits 90 - 110 Sample ID: Prep 7 %Rec Limits	RPD 8 Matrix	RPI Limi 20 Spike
Lab Sample ID: LCSD 880-24811/3-A Matrix: Solid Analysis Batch: 24864 Analyte Chloride Lab Sample ID: 880-14399-A-1-B MS Matrix: Solid Analysis Batch: 24864 Chloride 16.6 Lab Sample ID: 880-14399-A-1-C MSD Matrix: Solid Analysis Batch: 24864 Sample Analyte Resul	lt Qu	•	Spike Added 250 Spike Added		LCSD Result 249.1 MS Result	Qualifier MS	C Unit mg/Kg	lient	_ <u>D</u>	%Rec 100 Client	Lab Control Prep 7 %Rec Limits 90 - 110 Sample ID: Prep 7 %Rec Limits	RPD 8 Matrix	RPE Limi 20 Spike
Matrix: Solid         Analysis Batch: 24864         Analyte         Chloride         Lab Sample ID: 880-14399-A-1-B MS         Matrix: Solid         Analysis Batch: 24864         Sample         Chloride         Lab Sample ID: 880-14399-A-1-B MS         Matrix: Solid         Analyte         Chloride         Lab Sample ID: 880-14399-A-1-C MSD         Matrix: Solid         Analysis Batch: 24864         Sample         Analysis Batch: 24864         Sample         Analyse       Result	lt Qu	•	Added 250 Spike Added		Result 249.1 MS Result	Qualifier MS	Unit mg/Kg	lient	_ <u>D</u>	%Rec 100 Client	Prep %Rec Limits 90 - 110 Sample ID: Prep %Rec Limits	RPD 8 Matrix	RPE Limi 20 Spike
Analysis Batch: 24864 Analyte Chloride Lab Sample ID: 880-14399-A-1-B MS Matrix: Solid Analysis Batch: 24864 Chloride Chloride Chloride Lab Sample ID: 880-14399-A-1-C MSD Matrix: Solid Analysis Batch: 24864 Sample Analyte Resul	lt Qu	•	Added 250 Spike Added		Result 249.1 MS Result	Qualifier MS	mg/Kg			100 Client	%Rec Limits 90 - 110 Sample ID: Prep %Rec Limits	RPD 8 Matrix	RPE Limi 20
Analyte Chloride Lab Sample ID: 880-14399-A-1-B MS Matrix: Solid Analysis Batch: 24864 Sample Analyte Resul Chloride 16.6 Lab Sample ID: 880-14399-A-1-C MSD Matrix: Solid Analysis Batch: 24864 Sample Analyte Resul	lt Qu	•	Added 250 Spike Added		Result 249.1 MS Result	Qualifier MS	mg/Kg			100 Client	Limits 90 - 110 Sample ID: Prep 7 %Rec Limits	8 Matrix	Limi 20 Spike
Chloride Lab Sample ID: 880-14399-A-1-B MS Matrix: Solid Analysis Batch: 24864 Chloride Resul Chloride 16.6 Lab Sample ID: 880-14399-A-1-C MSD Matrix: Solid Analysis Batch: 24864 Sample Analyte Resul	lt Qu	•	Added 250 Spike Added		Result 249.1 MS Result	Qualifier MS	mg/Kg			100 Client	Limits 90 - 110 Sample ID: Prep 7 %Rec Limits	8 Matrix	Limi 20 Spike
Chloride Lab Sample ID: 880-14399-A-1-B MS Matrix: Solid Analysis Batch: 24864 Chloride Resul Chloride 16.6 Lab Sample ID: 880-14399-A-1-C MSD Matrix: Solid Analysis Batch: 24864 Sample Analyte Resul	lt Qu	•	250 Spike Added		249.1 MS Result	MS	mg/Kg			100 Client	90 - 110 Sample ID: Prep %Rec Limits	8 Matrix	20 <b>Spike</b>
Lab Sample ID: 880-14399-A-1-B MS Matrix: Solid Analysis Batch: 24864 Analyte Resul Chloride 16.6 Lab Sample ID: 880-14399-A-1-C MSD Matrix: Solid Analysis Batch: 24864 Sample Analyte Resul	lt Qu	•	Spike Added		MS Result		Unit		_ <u>D</u>	Client %Rec	Sample ID: Prep %Rec Limits	Matrix	Spike
Matrix: Solid Analysis Batch: 24864 Analyte Resul Chloride 16.0 Lab Sample ID: 880-14399-A-1-C MSD Matrix: Solid Analysis Batch: 24864 Analyte Resul	lt Qu	•	Added		Result				<u>D</u>	%Rec	Prep 7 %Rec Limits		
Analysis Batch: 24864 Sample Analyte Chloride Ch	lt Qu	•	Added		Result				_ <u>D</u>		%Rec Limits	Type: S	olubl
Sample Analyte Resul Chloride 16.6 Lab Sample ID: 880-14399-A-1-C MSD Matrix: Solid Analysis Batch: 24864 Sample Analyte Resul	lt Qu	•	Added		Result				_ <u>D</u>		Limits		
Analyte Resul Chloride 16.6 Lab Sample ID: 880-14399-A-1-C MSD Matrix: Solid Analysis Batch: 24864 Sample Analyte Resul	lt Qu	•	Added		Result				_ <u>D</u>		Limits		
Chloride 16.0 Lab Sample ID: 880-14399-A-1-C MSD Matrix: Solid Analysis Batch: 24864 Sample Analyte Resul		alifier _				Qualifier			_ <u>D</u>				
Lab Sample ID: 880-14399-A-1-C MSD Matrix: Solid Analysis Batch: 24864 Sample Analyte Resul	.6		249		261.7		mg/Kg			98	90 - 110		
Analyte Resul	le Sai	mple	Spike		MSD	MSD					%Rec		RP
Chloride 16.6	lt Qu	-	Added		Result	Qualifier	Unit		D	%Rec	Limits	RPD	Limi
	.6		249		282.5		mg/Kg			107	90 - 110	8	20
Lab Sample ID: MB 880-24813/1-A										Client S	Sample ID: N	Nethod	Blanl
Matrix: Solid												Type: S	
Analysis Batch: 24867													
-	ME	B MB											
Analyte		t Qualifier	r	RL		MDL Uni	t	D	P	repared	Analyze	ed	Dil Fac
Chloride	<5.00	) U		5.00		mg	Kg				05/05/22 2	21:42	
Lab Sample ID: LCS 880-24813/2-A								c	lient	t Sample	e ID: Lab Co	ontrol S	ample
Matrix: Solid										Compre		Type: S	
Analysis Batch: 24867												.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
			Spike		LCS	LCS					%Rec		
Analyte			Added		Result	Qualifier	Unit		D	%Rec	Limits		
Chloride			250		242.7		mg/Kg		-	97	90 - 110		
Lab Sample ID: LCSD 880-24813/3-A							С	lient	Sam	nple ID:	Lab Control	l Samp	le Dup
Matrix: Solid										•		Type: S	
Analysis Batch: 24867													
			Spike		LCSD	LCSD					%Rec		RPD
Analyte			Added		Result	Qualifier	Unit		D	%Rec	Limits	RPD	Limit

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Client: Carmona Resources

# **QC Sample Results**

#### Job ID: 880-14398-1 SDG: Eddy Co, NM

Project/Site: Red Sauce State Com 001H (03.13.22)

Lab Sample ID: 880-14397-A-1-C I	MS							Client	Sample ID	· Matrix	Spiko
Matrix: Solid	10							Client			
									Prep	Type: So	Diuble
Analysis Batch: 24867	Somala	Sample	Spike	MS	ме				%Rec		
Analyta	•	Qualifier	Added		Qualifier	Unit	D	%Rec	Limits		
Analyte	210		250	457.3	Quaimer			99	90 - 110		
Chioride	210	FI	250	457.3		mg/Kg		99	90 - 110		
Lab Sample ID: 880-14397-A-1-D I	MSD					Cli	ent Sa	ample IC	): Matrix Sp	oike Dup	olicate
Matrix: Solid										Type: So	
Analysis Batch: 24867											
	Sample	Sample	Spike	MSD	MSD				%Rec		RPI
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limi
Chloride	210	F1	250	423.7	F1	mg/Kg		85	90 - 110	8	20
Lab Sample ID: 880-14397-A-11-B	MS							Client	Sample ID	: Matrix	Spike
Matrix: Solid										Type: So	
Analysis Batch: 24867										.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
· ·····, ··· · · · · · · · · · · · · ·	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride	3370	F1	1250	5171	F1	mg/Kg		144	90 - 110		
-											
Lab Sample ID: 880-14397-A-11-C	MSD					Cli	ent Sa	ample IC	): Matrix Sp	oike Dup	olicate
Matrix: Solid									Prep	Type: So	olubl
Analysis Batch: 24867											
	Sample	Sample	Spike	MSD	MSD				%Rec		RPI
Analyte		Qualifier								RPD	

# AnalyteResultQualifierAddedResultQualifierUnitD%RecChloride3370F112504886F1mg/Kg12190 - 110

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Client: Carmona Resources Project/Site: Red Sauce State Com 001H (03.13.22)

## GC VOA

#### Prep Batch: 24964

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batc
880-14398-1	S-1 (0-3")	Total/NA	Solid	5035	
880-14398-2	S-1 (6")	Total/NA	Solid	5035	
880-14398-3	S-2 (0-3")	Total/NA	Solid	5035	
880-14398-4	S-2 (6")	Total/NA	Solid	5035	
880-14398-5	S-3 (0-3")	Total/NA	Solid	5035	
880-14398-6	S-3 (6")	Total/NA	Solid	5035	
880-14398-7	S-4 (0-3")	Total/NA	Solid	5035	
880-14398-8	S-4 (6")	Total/NA	Solid	5035	
380-14398-9	H-1 (0-6")	Total/NA	Solid	5035	
880-14398-10	H-2 (0-6")	Total/NA	Solid	5035	
880-14398-11	H-3 (0-6")	Total/NA	Solid	5035	
880-14398-12	H-4 (0-6")	Total/NA	Solid	5035	
880-14398-13	H-5 (0-6")	Total/NA	Solid	5035	
880-14398-14	H-6 (0-6")	Total/NA	Solid	5035	
MB 880-24964/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-24964/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-24964/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-14398-1 MS	S-1 (0-3")	Total/NA	Solid	5035	
880-14398-1 MSD	S-1 (0-3")	Total/NA	Solid	5035	

#### Analysis Batch: 25052

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
880-14398-1	S-1 (0-3")	Total/NA	Solid	8021B	24964
880-14398-2	S-1 (6")	Total/NA	Solid	8021B	24964
880-14398-3	S-2 (0-3")	Total/NA	Solid	8021B	24964
880-14398-4	S-2 (6")	Total/NA	Solid	8021B	24964
880-14398-5	S-3 (0-3")	Total/NA	Solid	8021B	24964
880-14398-6	S-3 (6")	Total/NA	Solid	8021B	24964
880-14398-7	S-4 (0-3")	Total/NA	Solid	8021B	24964
880-14398-8	S-4 (6")	Total/NA	Solid	8021B	24964
880-14398-9	H-1 (0-6")	Total/NA	Solid	8021B	24964
880-14398-10	H-2 (0-6")	Total/NA	Solid	8021B	24964
880-14398-11	H-3 (0-6")	Total/NA	Solid	8021B	24964
880-14398-12	H-4 (0-6")	Total/NA	Solid	8021B	24964
880-14398-13	H-5 (0-6")	Total/NA	Solid	8021B	24964
880-14398-14	H-6 (0-6")	Total/NA	Solid	8021B	24964
MB 880-24964/5-A	Method Blank	Total/NA	Solid	8021B	24964
LCS 880-24964/1-A	Lab Control Sample	Total/NA	Solid	8021B	24964
LCSD 880-24964/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	24964
880-14398-1 MS	S-1 (0-3")	Total/NA	Solid	8021B	24964
880-14398-1 MSD	S-1 (0-3")	Total/NA	Solid	8021B	24964

#### Analysis Batch: 25149

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
880-14398-1	S-1 (0-3")	Total/NA	Solid	Total BTEX	
880-14398-2	S-1 (6")	Total/NA	Solid	Total BTEX	
880-14398-3	S-2 (0-3")	Total/NA	Solid	Total BTEX	
880-14398-4	S-2 (6")	Total/NA	Solid	Total BTEX	
880-14398-5	S-3 (0-3")	Total/NA	Solid	Total BTEX	
880-14398-6	S-3 (6")	Total/NA	Solid	Total BTEX	
880-14398-7	S-4 (0-3")	Total/NA	Solid	Total BTEX	

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#### Job ID: 880-14398-1 SDG: Eddy Co, NM

Client: Carmona Resources Project/Site: Red Sauce State Com 001H (03.13.22)

#### GC VOA (Continued)

#### Analysis Batch: 25149 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14398-8	S-4 (6")	Total/NA	Solid	Total BTEX	
880-14398-9	H-1 (0-6")	Total/NA	Solid	Total BTEX	
880-14398-10	H-2 (0-6")	Total/NA	Solid	Total BTEX	
880-14398-11	H-3 (0-6")	Total/NA	Solid	Total BTEX	
880-14398-12	H-4 (0-6")	Total/NA	Solid	Total BTEX	
880-14398-13	H-5 (0-6")	Total/NA	Solid	Total BTEX	
880-14398-14	H-6 (0-6")	Total/NA	Solid	Total BTEX	

#### GC Semi VOA

#### Prep Batch: 24807

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14398-1	S-1 (0-3")	Total/NA	Solid	8015NM Prep	
880-14398-2	S-1 (6")	Total/NA	Solid	8015NM Prep	
880-14398-3	S-2 (0-3")	Total/NA	Solid	8015NM Prep	
880-14398-4	S-2 (6")	Total/NA	Solid	8015NM Prep	
880-14398-5	S-3 (0-3")	Total/NA	Solid	8015NM Prep	
880-14398-6	S-3 (6")	Total/NA	Solid	8015NM Prep	
880-14398-7	S-4 (0-3")	Total/NA	Solid	8015NM Prep	
880-14398-8	S-4 (6")	Total/NA	Solid	8015NM Prep	
880-14398-9	H-1 (0-6")	Total/NA	Solid	8015NM Prep	
880-14398-10	H-2 (0-6")	Total/NA	Solid	8015NM Prep	
880-14398-11	H-3 (0-6")	Total/NA	Solid	8015NM Prep	
880-14398-12	H-4 (0-6")	Total/NA	Solid	8015NM Prep	
880-14398-13	H-5 (0-6")	Total/NA	Solid	8015NM Prep	
880-14398-14	H-6 (0-6")	Total/NA	Solid	8015NM Prep	
MB 880-24807/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-24807/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-24807/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-14398-5 MS	S-3 (0-3")	Total/NA	Solid	8015NM Prep	
880-14398-5 MSD	S-3 (0-3")	Total/NA	Solid	8015NM Prep	

#### Analysis Batch: 24860

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
880-14398-1	S-1 (0-3")	Total/NA	Solid	8015B NM	24807
880-14398-2	S-1 (6")	Total/NA	Solid	8015B NM	24807
880-14398-3	S-2 (0-3")	Total/NA	Solid	8015B NM	24807
880-14398-4	S-2 (6")	Total/NA	Solid	8015B NM	24807
880-14398-5	S-3 (0-3")	Total/NA	Solid	8015B NM	24807
880-14398-6	S-3 (6")	Total/NA	Solid	8015B NM	24807
880-14398-7	S-4 (0-3")	Total/NA	Solid	8015B NM	24807
880-14398-8	S-4 (6")	Total/NA	Solid	8015B NM	24807
880-14398-9	H-1 (0-6")	Total/NA	Solid	8015B NM	24807
880-14398-10	H-2 (0-6")	Total/NA	Solid	8015B NM	24807
880-14398-11	H-3 (0-6")	Total/NA	Solid	8015B NM	24807
880-14398-12	H-4 (0-6")	Total/NA	Solid	8015B NM	24807
880-14398-13	H-5 (0-6")	Total/NA	Solid	8015B NM	24807
880-14398-14	H-6 (0-6")	Total/NA	Solid	8015B NM	24807
MB 880-24807/1-A	Method Blank	Total/NA	Solid	8015B NM	24807
LCS 880-24807/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	24807
LCSD 880-24807/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	24807

Eurofins Midland

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#### Job ID: 880-14398-1 SDG: Eddy Co, NM

Client: Carmona Resources Project/Site: Red Sauce State Com 001H (03.13.22)

## GC Semi VOA (Continued)

#### Analysis Batch: 24860 (Continued)

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
880-14398-5 MS	S-3 (0-3")	Total/NA	Solid	8015B NM	24807
880-14398-5 MSD	S-3 (0-3")	Total/NA	Solid	8015B NM	24807

#### Analysis Batch: 25087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-14398-1	S-1 (0-3")	Total/NA	Solid	8015 NM	
380-14398-2	S-1 (6")	Total/NA	Solid	8015 NM	
380-14398-3	S-2 (0-3")	Total/NA	Solid	8015 NM	
380-14398-4	S-2 (6")	Total/NA	Solid	8015 NM	
380-14398-5	S-3 (0-3")	Total/NA	Solid	8015 NM	
380-14398-6	S-3 (6")	Total/NA	Solid	8015 NM	
380-14398-7	S-4 (0-3")	Total/NA	Solid	8015 NM	
380-14398-8	S-4 (6")	Total/NA	Solid	8015 NM	
380-14398-9	H-1 (0-6")	Total/NA	Solid	8015 NM	
380-14398-10	H-2 (0-6")	Total/NA	Solid	8015 NM	
380-14398-11	H-3 (0-6")	Total/NA	Solid	8015 NM	
380-14398-12	H-4 (0-6")	Total/NA	Solid	8015 NM	
380-14398-13	H-5 (0-6")	Total/NA	Solid	8015 NM	
380-14398-14	H-6 (0-6")	Total/NA	Solid	8015 NM	

#### Leach Batch: 24811

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14398-10	H-2 (0-6")	Soluble	Solid	DI Leach	
880-14398-11	H-3 (0-6")	Soluble	Solid	DI Leach	
880-14398-12	H-4 (0-6")	Soluble	Solid	DI Leach	
880-14398-13	H-5 (0-6")	Soluble	Solid	DI Leach	
880-14398-14	H-6 (0-6")	Soluble	Solid	DI Leach	
MB 880-24811/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-24811/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-24811/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-14399-A-1-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-14399-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

#### Leach Batch: 24813

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
880-14398-1	S-1 (0-3")	Soluble	Solid	DI Leach	
880-14398-2	S-1 (6")	Soluble	Solid	DI Leach	
880-14398-3	S-2 (0-3")	Soluble	Solid	DI Leach	
880-14398-4	S-2 (6")	Soluble	Solid	DI Leach	
880-14398-5	S-3 (0-3")	Soluble	Solid	DI Leach	
880-14398-6	S-3 (6")	Soluble	Solid	DI Leach	
880-14398-7	S-4 (0-3")	Soluble	Solid	DI Leach	
880-14398-8	S-4 (6")	Soluble	Solid	DI Leach	
880-14398-9	H-1 (0-6")	Soluble	Solid	DI Leach	
MB 880-24813/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-24813/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-24813/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-14397-A-1-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-14397-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

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4 5

Job ID: 880-14398-1

SDG: Eddy Co, NM

#### Released to Imaging: 7/19/2022 9:07:49 AM

Client: Carmona Resources Project/Site: Red Sauce State Com 001H (03.13.22)

#### HPLC/IC (Continued)

#### Leach Batch: 24813 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14397-A-11-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-14397-A-11-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

#### Analysis Batch: 24864

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch	
880-14398-10	H-2 (0-6")	Soluble	Solid	300.0	24811	
880-14398-11	H-3 (0-6")	Soluble	Solid	300.0	24811	
880-14398-12	H-4 (0-6")	Soluble	Solid	300.0	24811	8
880-14398-13	H-5 (0-6")	Soluble	Solid	300.0	24811	
880-14398-14	H-6 (0-6")	Soluble	Solid	300.0	24811	9
MB 880-24811/1-A	Method Blank	Soluble	Solid	300.0	24811	
LCS 880-24811/2-A	Lab Control Sample	Soluble	Solid	300.0	24811	
LCSD 880-24811/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	24811	
880-14399-A-1-B MS	Matrix Spike	Soluble	Solid	300.0	24811	
880-14399-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	24811	
Analysis Batch: 24867						
Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch	
880-14398-1	S-1 (0-3")	Soluble	Solid	300.0	24813	13
880-14398-2	S-1 (6")	Soluble	Solid	300.0	24813	
880-14398-3	S-2 (0-3")	Soluble	Solid	300.0	24813	

#### Analysis Batch: 24867

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
880-14398-1	S-1 (0-3")	Soluble	Solid	300.0	24813
880-14398-2	S-1 (6")	Soluble	Solid	300.0	24813
880-14398-3	S-2 (0-3")	Soluble	Solid	300.0	24813
880-14398-4	S-2 (6")	Soluble	Solid	300.0	24813
880-14398-5	S-3 (0-3")	Soluble	Solid	300.0	24813
880-14398-6	S-3 (6")	Soluble	Solid	300.0	24813
880-14398-7	S-4 (0-3")	Soluble	Solid	300.0	24813
880-14398-8	S-4 (6")	Soluble	Solid	300.0	24813
880-14398-9	H-1 (0-6")	Soluble	Solid	300.0	24813
MB 880-24813/1-A	Method Blank	Soluble	Solid	300.0	24813
LCS 880-24813/2-A	Lab Control Sample	Soluble	Solid	300.0	24813
LCSD 880-24813/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	24813
880-14397-A-1-C MS	Matrix Spike	Soluble	Solid	300.0	24813
880-14397-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	24813
880-14397-A-11-B MS	Matrix Spike	Soluble	Solid	300.0	24813
880-14397-A-11-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	24813

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# Lab Chronicle

Initial

Amount

4.99 g

5 mL

10.01 g

5 g

Dil

1

1

1

1

5

Factor

Run

Client: Carmona Resources Project/Site: Red Sauce State Com 001H (03.13.22)

Batch

Туре

Prep

Analysis

Analysis

Analysis

Analysis

Analysis

Leach

Prep

Batch

Method

5035

8021B

Total BTEX

8015NM Prep

8015B NM

DI Leach

300.0

8015 NM

#### Client Sample ID: S-1 (0-3") Date Collected: 05/03/22 00:00 Date Received: 05/04/22 10:05

Prep Type

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Soluble

Soluble

SD
Lab Sample ID

Batch

24964

25052

25149

25087

24807

24860

24813

24867

Number

Final

Amount

5 mL

5 mL

10 mL

50 mL

Job ID: 880-14398-1 SDG: Eddy Co, NM

Lab

XEN MID

Matrix: Solid

# Lab Sample ID: 880-14398-1

Analyst

MR

MR

AJ

AJ

DM

AJ

SC

СН

Prepared

or Analyzed

05/06/22 11:22

05/08/22 19:41

05/09/22 15:24

05/09/22 11:48

05/04/22 11:34

05/05/22 22:30

05/04/22 12:05

05/05/22 23:48

Matrix: Solid

#### Lab Sample ID: 880-14398-2 Matrix: Solid

Lab Sample ID: 880-14398-3

Lab Sample ID: 880-14398-4

rix: 5011a

Date Collected: 05/03/22 00:00 Date Received: 05/04/22 10:05

Client Sample ID: S-1 (6")

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	24964	05/06/22 11:22	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25052	05/08/22 20:01	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25149	05/09/22 15:24	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25087	05/09/22 11:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	24807	05/04/22 11:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24860	05/05/22 22:51	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	24813	05/04/22 12:05	SC	XEN MID
Soluble	Analysis	300.0		1			24867	05/05/22 23:55	СН	XEN MID

# Client Sample ID: S-2 (0-3") Date Collected: 05/03/22 00:00

Date	Received:	05/04/22	10:05

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	24964	05/06/22 11:22	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25052	05/08/22 20:22	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25149	05/09/22 15:24	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25087	05/09/22 11:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	24807	05/04/22 11:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24860	05/05/22 23:12	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	24813	05/04/22 12:05	SC	XEN MID
Soluble	Analysis	300.0		1			24867	05/06/22 00:14	СН	XEN MID

#### Client Sample ID: S-2 (6") Date Collected: 05/03/22 00:00 Date Received: 05/04/22 10:05

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	24964	05/06/22 11:22	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25052	05/08/22 20:42	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25149	05/09/22 15:24	AJ	XEN MID

**Eurofins Midland** 

Matrix: Solid

Project/Site: Red Sauce State Com 001H (03.13.22)

Job ID: 880-14398-1 SDG: Eddy Co, NM

Lab Sample ID: 880-14398-5

Lab Sample ID: 880-14398-6

Lab Sample ID: 880-14398-7

Matrix: Solid

Matrix: Solid

#### Client Sample ID: S-2 (6") Date Collected: 05/03/22 00:00

Date Received: 05/04/22 10:05

Client: Carmona Resources

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			25087	05/09/22 11:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24807	05/04/22 11:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24860	05/05/22 23:33	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	24813	05/04/22 12:05	SC	XEN MID
Soluble	Analysis	300.0		1			24867	05/06/22 00:20	СН	XEN MID

#### Client Sample ID: S-3 (0-3") Date Collected: 05/03/22 00:00 Date Received: 05/04/22 10:05

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	24964	05/06/22 11:22	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25052	05/08/22 21:03	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25149	05/09/22 15:24	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25087	05/09/22 11:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24807	05/04/22 11:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24860	05/05/22 21:28	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	24813	05/04/22 12:05	SC	XEN MID
Soluble	Analysis	300.0		1			24867	05/06/22 00:26	CH	XEN MID

# Client Sample ID: S-3 (6")

Date Collected: 05/03/22 00:00 Date Received: 05/04/22 10:05

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	24964	05/06/22 11:22	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25052	05/08/22 21:23	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25149	05/09/22 15:24	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25087	05/09/22 11:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	24807	05/04/22 11:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24860	05/05/22 23:53	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	24813	05/04/22 12:05	SC	XEN MID
Soluble	Analysis	300.0		1			24867	05/06/22 00:33	СН	XEN MID

#### Client Sample ID: S-4 (0-3") Date Collected: 05/03/22 00:00 Date Received: 05/04/22 10:05

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	24964	05/06/22 11:22	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25052	05/08/22 21:44	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25149	05/09/22 15:24	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25087	05/09/22 11:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24807	05/04/22 11:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24860	05/06/22 00:14	AJ	XEN MID

**Eurofins Midland** 

Matrix: Solid

5

Project/Site: Red Sauce State Com 001H (03.13.22)

Job ID: 880-14398-1 SDG: Eddy Co, NM

Lab Sample ID: 880-14398-7

Lab Sample ID: 880-14398-8

Lab Sample ID: 880-14398-9

#### Client Sample ID: S-4 (0-3") Date Collected: 05/03/22 00:00

Date Received: 05/04/22 10:05

Client: Carmona Resources

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	24813	05/04/22 12:05	SC	XEN MID
Soluble	Analysis	300.0		1			24867	05/06/22 00:39	СН	XEN MID

#### Client Sample ID: S-4 (6") Date Collected: 05/03/22 00:00 Date Received: 05/04/22 10:05

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	24964	05/06/22 11:22	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25052	05/08/22 22:04	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25149	05/09/22 15:24	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25087	05/09/22 11:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	24807	05/04/22 11:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24860	05/06/22 00:34	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	24813	05/04/22 12:05	SC	XEN MID
Soluble	Analysis	300.0		1			24867	05/06/22 00:45	СН	XEN MID

#### Client Sample ID: H-1 (0-6") Date Collected: 05/03/22 00:00 Date Received: 05/04/22 10:05

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	24964	05/06/22 11:22	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25052	05/08/22 22:24	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25149	05/09/22 15:24	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25087	05/09/22 11:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24807	05/04/22 11:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24860	05/06/22 00:55	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	24813	05/04/22 12:05	SC	XEN MID
Soluble	Analysis	300.0		50			24867	05/06/22 00:52	СН	XEN MID

#### Client Sample ID: H-2 (0-6") Date Collected: 05/03/22 00:00 Date Received: 05/04/22 10:05

Lab Sample ID: 880-14398-10 Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	24964	05/06/22 11:22	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25052	05/08/22 22:45	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25149	05/09/22 15:24	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25087	05/09/22 11:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24807	05/04/22 11:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24860	05/06/22 01:15	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	24811	05/04/22 12:00	SC	XEN MID
Soluble	Analysis	300.0		1			24864	05/06/22 03:28	СН	XEN MID

**Eurofins Midland** 

Matrix: Solid

Matrix: Solid

Matrix: Solid

# Lab Chronicle

Client: Carmona Resources Project/Site: Red Sauce State Com 001H (03.13.22)

#### Client Sample ID: H-3 (0-6") Date Collected: 05/03/22 00:00 Date Received: 05/04/22 10:05

Total/NA

Soluble

Soluble

		*								
	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	24964	05/06/22 11:22	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25052	05/09/22 00:35	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25149	05/09/22 15:24	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25087	05/09/22 11:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24807	05/04/22 11:34	DM	XEN MID

4.99 g

24860

24811

24864

50 mL

1

1

#### Client Sample ID: H-4 (0-6") Date Collected: 05/03/22 00:00

Analysis

Leach

Analysis

8015B NM

DI Leach

300.0

# Date Received: 05/04/22 10:05

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	24964	05/06/22 11:22	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25052	05/09/22 00:55	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25149	05/09/22 15:24	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25087	05/09/22 11:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	24807	05/04/22 11:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24860	05/06/22 02:16	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	24811	05/04/22 12:00	SC	XEN MID
Soluble	Analysis	300.0		1			24864	05/06/22 04:19	СН	XEN MID

#### Client Sample ID: H-5 (0-6") Date Collected: 05/03/22 00:00 Date Received: 05/04/22 10:05

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	24964	05/06/22 11:22	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25052	05/09/22 01:16	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25149	05/09/22 15:24	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25087	05/09/22 11:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	24807	05/04/22 11:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24860	05/06/22 02:37	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	24811	05/04/22 12:00	SC	XEN MID
Soluble	Analysis	300.0		1			24864	05/06/22 04:31	СН	XEN MID

#### Client Sample ID: H-6 (0-6") Date Collected: 05/03/22 00:00 Date Received: 05/04/22 10:05

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	24964	05/06/22 11:22	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25052	05/09/22 01:36	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25149	05/09/22 15:24	AJ	XEN MID

**Eurofins Midland** 

Matrix: Solid

Job ID: 880-14398-1

Page 66 of 162

SDG: Eddy Co, NM

# Lab Sample ID: 880-14398-11

Matrix: Solid

#### Lab Sample ID: 880-14398-12 Matrix: Solid

Lab Sample ID: 880-14398-13

Lab Sample ID: 880-14398-14

AJ

05/06/22 01:56

05/04/22 12:00 SC

05/06/22 04:06 CH

XEN MID

XEN MID

XEN MID

Matrix: Solid

13

Client: Carmona Resources Project/Site: Red Sauce State Com 001H (03.13.22)

#### Client Sample ID: H-6 (0-6") Date Collected: 05/03/22 00:00 Date Received: 05/04/22 10:05

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			25087	05/09/22 11:48	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	24807	05/04/22 11:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24860	05/06/22 02:57	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	24811	05/04/22 12:00	SC	XEN MID
Soluble	Analysis	300.0		1			24864	05/06/22 04:44	СН	XEN MID

#### Laboratory References:

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

Job ID: 880-14398-1 SDG: Eddy Co, NM

# Lab Sample ID: 880-14398-14

Matrix: Solid

Eurofins Midland

# Accreditation/Certification Summary

Client: Carmona Resources Project/Site: Red Sauce State Com 001H (03.13.22)

#### Laboratory: Eurofins Midland

uthority		ogram	Identification Number	Expiration Date	
exas		LAP	T104704400-21-22	06-30-22	
he following analytes	are included in this report, bu	t the laboratory is not certif	ied by the governing authority. This list ma	ay include analytes for which	
e agency does not of	fer certification.	-			
nalysis Method	Prep Method	Matrix	Analyte		
00.0		Solid	Chloride		
015 NM		Solid	Total TPH		
015B NM	8015NM Prep	Solid	Diesel Range Organics (Over	C10-C28)	
015B NM	8015NM Prep	Solid	Gasoline Range Organics (GR	RO)-C6-C10	
015B NM	8015NM Prep	Solid	Oll Range Organics (Over C28	3-C36)	
021B	5035	Solid	Benzene		
021B	5035	Solid	Ethylbenzene		
021B	5035	Solid	m-Xylene & p-Xylene		
021B	5035	Solid	o-Xylene		
021B	5035	Solid	Toluene		
021B	5035	Solid	Xylenes, Total		
otal BTEX		Solid	Total BTEX		

Job ID: 880-14398-1 SDG: Eddy Co, NM

#### **Method Summary**

Client: Carmona Resources Project/Site: Red Sauce State Com 001H (03.13.22) Job ID: 880-14398-1 SDG: Eddy Co, NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID
	"Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Ec = TestAmerica Laboratories, Standard Operating Procedure	lition, November 1986 And Its Updates.	
Laboratory Re	eferences: = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440		

#### Protocol References:

#### Laboratory References:

# **Sample Summary**

Client: Carmona Resources Project/Site: Red Sauce State Com 001H (03.13.22)

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-14398-1	S-1 (0-3")	Solid	05/03/22 00:00	05/04/22 10:05
880-14398-2	S-1 (6")	Solid	05/03/22 00:00	05/04/22 10:05
880-14398-3	S-2 (0-3")	Solid	05/03/22 00:00	05/04/22 10:05
880-14398-4	S-2 (6")	Solid	05/03/22 00:00	05/04/22 10:05
880-14398-5	S-3 (0-3")	Solid	05/03/22 00:00	05/04/22 10:05
880-14398-6	S-3 (6")	Solid	05/03/22 00:00	05/04/22 10:05
880-14398-7	S-4 (0-3")	Solid	05/03/22 00:00	05/04/22 10:05
880-14398-8	S-4 (6")	Solid	05/03/22 00:00	05/04/22 10:05
880-14398-9	H-1 (0-6")	Solid	05/03/22 00:00	05/04/22 10:05
880-14398-10	H-2 (0-6")	Solid	05/03/22 00:00	05/04/22 10:05
880-14398-11	H-3 (0-6")	Solid	05/03/22 00:00	05/04/22 10:05
880-14398-12	H-4 (0-6")	Solid	05/03/22 00:00	05/04/22 10:05
880-14398-13	H-5 (0-6")	Solid	05/03/22 00:00	05/04/22 10:05
880-14398-14	H-6 (0-6")	Solid	05/03/22 00:00	05/04/22 10:05

# Address. City, State Z Phone. Project Nam Project Num Project Loce Sampler's N PO #: Sampler's N PO #: Sampler's N Cooler Cust Sample Cust Comment

	Prese an	Comments:	H-2		S-4	S-4 (	S-3	S-3	S-2	S-2	S-1	S-1	Sample Id	Total Containers	Sample Custody Seals	<b>Cooler Custody Seals</b>	Received Intact:	SAMPLE RECEIPT	PO#	Sampler's Name	Project Location	Project Number	Project Name.	Phone.	City, State ZIP	Address.	Company Name	Project Manager
	A- A Relinqu		H-2 (0-6")	H-1 (0-6")	S-4 (6")	S-4 (0-3")	S-3 (6")	S-3 (0-3")	S-2 (6")	S-2 (0-3")	S-1 (6")	S-1 (0-3")	Sample Identification		ils. Yes No		(Yes			(	Eddy		Red Sauce State Com 001H (03 13 22)	432-813-6823	Midland, TX 79701	310 W Wall St Ste 415	Carmona Resources	Conner Moehring
	Relinquished by (Signature)		5/3/2022	5/3/2022	5/3/2022	5/3/2022	5/3/2022	5/3/2022	5/3/2022	5/3/2022	5/3/2022	5/3/2022	Date		o (NIA )	E		Temp Blank.		CRM	Eddy Co, NM	1052	Com 001H (03			415	ŝ	
	nature)												Time	Corrected Temperature	Temperature Reading	Correction Factor	žΝ	Yes No	1		D		13 22)					
			×	×	×	×	×	×	×	×	×	×	Soll	emperature.	Reading	actor	i D	) Wet Ice	lab, if rece	TAT starts the day received by the	Due Date	] Routine	Tum	Email				
													Water	:2	٢	12	TPT	(reg)	lab, if received by 4 30pm	day received	72 Hrs	Rush	<b>Turn Around</b>	acqui harris@conocophillips com	City, State ZIP	Address	Company Name	Bill to (if different)
<u> </u>			G	۵ `	G	G	G	G 	ດ	G	G	G	Grab/ # Comp Cc					Z nete		by the		Pres. Code		ris@conoc	ZIP		lame.	erent)
71/1/5	Date/Time		1 ×	1 ×	1 ×	1 X	1 X	1 X	- ×	1 ×	1 ×	1 ×	# of Cont	L	в	TEX				<u></u>		de s.		o sdillida	Lovin	15 W	500	Jacqu
	ime //./.		××	×	×	××	××	×	×	×	××	××	TPH	i 801		( GR lorid			+ M	RO)			-	iom	Loving,NM 88256	15 W London Rd		Jacqui Harris
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	¢																						ANALY					
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	Signature						I Custody	30-1430g				4												es. EDD	Reporting Level II Level III	roject:	Program: UST/PST PRP	
	.)					]	Junain of C					_																Work Or
				_		-	ustody				ĺ	_		Nac	Zn/	HO Na <sub>2</sub>		ц Т	H <sub>2</sub> S	HCI	Con	Non		ADaPT	DST/UST		rownfields	Work Order Comments
													Sample	)H+Ascorb	Zn Acetate+NaOH Zn	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> NaSO <sub>3</sub>	NaHSO, NABIS	H <sub>3</sub> PO <sub>4</sub> HP	H <sub>2</sub> SO <sub>4</sub> H <sub>2</sub>	HCL HC	Cool Cool	None NO	Preserv	Other			ts RC	ments
	Date/Time				,	/				ĺ			Sample Comments	NaOH+Ascorbic Acid SAPC	aOH Zn	Ö	SII		NaOH Na	HNO, HN	MeOH Me	DI Water: H <sub>2</sub> O	Preservative Codes	31°.			perfund	9

## Received by OCD: 7/7/2022 7:27:50 AM

# 5/9/2022

Work Order No: 14398

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Work Order No: 14398

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Journ my.	Comments:			H-6 (0-6")	H-5 (0-6")	H-4 (0-6")	H-3 (0-6")	Sample Identification	Total Containers	Sample Custody Seals.	Cooler Custody Seals	Received Intact:	SAMPLE RECEIPT	PO #:	Sampler's Name	Project Location	<u><u></u></u>	Project Name	Phone 4:	City, State ZIP M	Address 3.	Company Name C	Project Manager C
eling				-6")	-6")	-6")	-6")	tification		Yes No	Yes No		T Jermo Blank.		CF	Eddy (	10	Red Sauce State Com 001H (03 13 22)	432-813-6823	Midland, TX 79701	310 W Wall St Ste 415	Carmona Resources	Conner Moehring
Kellinquisned by (Signature)				5/3/2022	5/3/2022	5/3/2022	5/3/2022	Date		NIA T		y			CRM	Eddy Co, NM	1052	om 001H (03 1			5		
ature)								Time	orrected	emperatu	Correction Factor		Yes/ No	2				13 22)					
				×	×	×	×	Soil	Corrected Temperature	Temperature Reading	Factor	ter ID	) Wet Ice.	lab if received by 4 30pm	TAT starts the d	Due Date	Routine	Turn	Email	0			
								Water c	·2	ż	2:2	K	(Yes) No	red by 4 30pn	ay received t	72 Hrs	<ul> <li>✓ Rush</li> </ul>	Turn Around	lacqui harris@conocophillips com	City, State ZIP	Address	Company Name	Bill to (if different)
28	-	 +		ଜ 	G	G	G	Grab/# CompC							y the		0.10		IS@cono	P		ame	rent)
Date 5/4/12		<u> </u>		-1 	1 ×	1 X	1 X	# of Cont		B.		802 <sup>-</sup>	nete 1B	rs 			Pres. Code		cophillips	Lov	15 V	cog	Jaco
<u>22 [신</u>				×	×	×	×	TPH	1 801	5M (	GR	0+	DRC	) + M	RO)	)			com	Loving, NM 88256	15 W London Rd	G	Jacqui Harris
8				×	×	×	×			Ch	lorid	le 30	0.0							8256	ר Rd		
$\Box$						_												A					
	$(\mathcal{D})$		+															ANALYSIS REQUEST					
Recei																		SREQU			<u>s</u>		
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l l l		 													<u>.                                    </u>					]Level III		Ŗ	Work
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				ž	14200	Loc. 880		San	NaOH+As	Zn Acetate	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> NaSO <sub>3</sub>	NaHSO4 NABIS	H3PO4 HP	$H_2SO_4$ $H_2$	HCL HC	Cool Cool	None NO	Pres					Work Order Comments
Date			1 1	Ö		8		Sample Comments	NaOH+Ascorbic Acid SAPC	Zn Acetate+NaOH Zn	NaSO <sub>3</sub>	VABIS		Nat				Preservative Codes	Other			ິດ	
Date/Time								ments	1 SAPC	'a'				NaOH Na		MeOH Me	DI Water H <sub>2</sub> O	Codes				perfund	

Released to Imaging: 7/19/2022 9:07:49 AM

Job Number: 880-14398-1 SDG Number: Eddy Co, NM

List Source: Eurofins Midland

# Login Sample Receipt Checklist

Client: Carmona Resources

# Login Number: 14398 List Number: 1

<6mm (1/4").

**Eurofins Midland** 

Creator: Rodriguez, Leticia

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is	N/A	

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June 09, 2022

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

RE: RED SAUCE STATE COM 001H

Enclosed are the results of analyses for samples received by the laboratory on 06/08/22 15:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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 <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

## Sample ID: CS-1 (1') (H222434-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	06/08/2022	ND	2.10	105	2.00	6.16	
Toluene*	<0.050	0.050	06/08/2022	ND	2.09	104	2.00	6.61	
Ethylbenzene*	<0.050	0.050	06/08/2022	ND	1.96	98.1	2.00	6.17	
Total Xylenes*	<0.150	0.150	06/08/2022	ND	6.12	102	6.00	5.67	
Total BTEX	<0.300	0.300	06/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/09/2022	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	06/08/2022	ND	199	99.3	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	185	92.7	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	112 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	116 9	% 59.5-14	2						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

## Sample ID: CS-2 (1') (H222434-02)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	06/08/2022	ND	2.10	105	2.00	6.16	
Toluene*	<0.050	0.050	06/08/2022	ND	2.09	104	2.00	6.61	
Ethylbenzene*	<0.050	0.050	06/08/2022	ND	1.96	98.1	2.00	6.17	
Total Xylenes*	<0.150	0.150	06/08/2022	ND	6.12	102	6.00	5.67	
Total BTEX	<0.300	0.300	06/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/09/2022	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	06/08/2022	ND	199	99.3	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	185	92.7	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	107	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	107	% 59.5-14	2						

### Cardinal Laboratories

### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

## Sample ID: CS-3 (1') (H222434-03)

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	06/08/2022	ND	2.10	105	2.00	6.16	
Toluene*	<0.050	0.050	06/08/2022	ND	2.09	104	2.00	6.61	
Ethylbenzene*	<0.050	0.050	06/08/2022	ND	1.96	98.1	2.00	6.17	
Total Xylenes*	<0.150	0.150	06/08/2022	ND	6.12	102	6.00	5.67	
Total BTEX	<0.300	0.300	06/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/09/2022	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	06/08/2022	ND	199	99.3	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	185	92.7	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	101	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	98.8	% 59.5-14	2						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: CS-4 (1') (H222434-04)

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	06/08/2022	ND	2.10	105	2.00	6.16	
Toluene*	<0.050	0.050	06/08/2022	ND	2.09	104	2.00	6.61	
Ethylbenzene*	<0.050	0.050	06/08/2022	ND	1.96	98.1	2.00	6.17	
Total Xylenes*	<0.150	0.150	06/08/2022	ND	6.12	102	6.00	5.67	
Total BTEX	<0.300	0.300	06/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/09/2022	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	06/08/2022	ND	199	99.3	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	185	92.7	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	101	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	102	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

## Sample ID: CS-5 (1') (H222434-05)

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	06/08/2022	ND	2.10	105	2.00	6.16	
Toluene*	<0.050	0.050	06/08/2022	ND	2.09	104	2.00	6.61	
Ethylbenzene*	<0.050	0.050	06/08/2022	ND	1.96	98.1	2.00	6.17	
Total Xylenes*	<0.150	0.150	06/08/2022	ND	6.12	102	6.00	5.67	
Total BTEX	<0.300	0.300	06/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/09/2022	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	06/08/2022	ND	199	99.3	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	185	92.7	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	108	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	108	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

## Sample ID: CS-6 (1') (H222434-06)

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	06/08/2022	ND	2.10	105	2.00	6.16	
Toluene*	<0.050	0.050	06/08/2022	ND	2.09	104	2.00	6.61	
Ethylbenzene*	<0.050	0.050	06/08/2022	ND	1.96	98.1	2.00	6.17	
Total Xylenes*	<0.150	0.150	06/08/2022	ND	6.12	102	6.00	5.67	
Total BTEX	<0.300	0.300	06/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/09/2022	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	06/08/2022	ND	199	99.3	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	185	92.7	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	104	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	102	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

## Sample ID: CS-7 (1') (H222434-07)

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	06/08/2022	ND	2.10	105	2.00	6.16	
Toluene*	<0.050	0.050	06/08/2022	ND	2.09	104	2.00	6.61	
Ethylbenzene*	<0.050	0.050	06/08/2022	ND	1.96	98.1	2.00	6.17	
Total Xylenes*	<0.150	0.150	06/08/2022	ND	6.12	102	6.00	5.67	
Total BTEX	<0.300	0.300	06/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/09/2022	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	06/08/2022	ND	199	99.3	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	185	92.7	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	118	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	121	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

## Sample ID: CS-8 (1') (H222434-08)

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	06/08/2022	ND	2.10	105	2.00	6.16	
Toluene*	<0.050	0.050	06/08/2022	ND	2.09	104	2.00	6.61	
Ethylbenzene*	<0.050	0.050	06/08/2022	ND	1.96	98.1	2.00	6.17	
Total Xylenes*	<0.150	0.150	06/08/2022	ND	6.12	102	6.00	5.67	
Total BTEX	<0.300	0.300	06/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/09/2022	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	06/08/2022	ND	199	99.3	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	185	92.7	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	91.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	90.4	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

## Sample ID: CS-9 (1') (H222434-09)

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	06/08/2022	ND	2.10	105	2.00	6.16	
Toluene*	<0.050	0.050	06/08/2022	ND	2.09	104	2.00	6.61	
Ethylbenzene*	<0.050	0.050	06/08/2022	ND	1.96	98.1	2.00	6.17	
Total Xylenes*	<0.150	0.150	06/08/2022	ND	6.12	102	6.00	5.67	
Total BTEX	<0.300	0.300	06/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/09/2022	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	06/08/2022	ND	199	99.3	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	185	92.7	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	91.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	88.1	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

## Sample ID: CS-10 (1') (H222434-10)

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	06/08/2022	ND	2.10	105	2.00	6.16	
Toluene*	<0.050	0.050	06/08/2022	ND	2.09	104	2.00	6.61	
Ethylbenzene*	<0.050	0.050	06/08/2022	ND	1.96	98.1	2.00	6.17	
Total Xylenes*	<0.150	0.150	06/08/2022	ND	6.12	102	6.00	5.67	
Total BTEX	<0.300	0.300	06/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/09/2022	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	06/08/2022	ND	199	99.3	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	185	92.7	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	92.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	91.5	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: CS-11 (1') (H222434-11)

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	06/08/2022	ND	2.10	105	2.00	6.16	
Toluene*	<0.050	0.050	06/08/2022	ND	2.09	104	2.00	6.61	
Ethylbenzene*	<0.050	0.050	06/08/2022	ND	1.96	98.1	2.00	6.17	
Total Xylenes*	<0.150	0.150	06/08/2022	ND	6.12	102	6.00	5.67	
Total BTEX	<0.300	0.300	06/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/09/2022	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	06/08/2022	ND	199	99.3	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	185	92.7	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	95.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	96.3	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

## Sample ID: CS-12 (1') (H222434-12)

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	06/08/2022	ND	2.10	105	2.00	6.16	
Toluene*	<0.050	0.050	06/08/2022	ND	2.09	104	2.00	6.61	
Ethylbenzene*	<0.050	0.050	06/08/2022	ND	1.96	98.1	2.00	6.17	
Total Xylenes*	<0.150	0.150	06/08/2022	ND	6.12	102	6.00	5.67	
Total BTEX	<0.300	0.300	06/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 \$	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/09/2022	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	06/08/2022	ND	199	99.3	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	185	92.7	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	77.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	76.2	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

## Sample ID: CS-13 (1') (H222434-13)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	06/08/2022	ND	2.10	105	2.00	6.16	
Toluene*	<0.050	0.050	06/08/2022	ND	2.09	104	2.00	6.61	
Ethylbenzene*	<0.050	0.050	06/08/2022	ND	1.96	98.1	2.00	6.17	
Total Xylenes*	<0.150	0.150	06/08/2022	ND	6.12	102	6.00	5.67	
Total BTEX	<0.300	0.300	06/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/09/2022	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	06/08/2022	ND	199	99.3	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	185	92.7	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	90.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	94.5	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: CS-14 (1') (H222434-14)

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	06/08/2022	ND	2.19	110	2.00	7.98	
Toluene*	<0.050	0.050	06/08/2022	ND	2.17	109	2.00	7.91	
Ethylbenzene*	<0.050	0.050	06/08/2022	ND	2.11	106	2.00	7.54	
Total Xylenes*	<0.150	0.150	06/08/2022	ND	6.54	109	6.00	7.70	
Total BTEX	<0.300	0.300	06/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/09/2022	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	06/08/2022	ND	199	99.3	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	185	92.7	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	81.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	81.2	% 59.5-14	2						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: CS-15 (1') (H222434-15)

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	06/08/2022	ND	2.19	110	2.00	7.98	
Toluene*	<0.050	0.050	06/08/2022	ND	2.17	109	2.00	7.91	
Ethylbenzene*	<0.050	0.050	06/08/2022	ND	2.11	106	2.00	7.54	
Total Xylenes*	<0.150	0.150	06/08/2022	ND	6.54	109	6.00	7.70	
Total BTEX	<0.300	0.300	06/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/09/2022	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	06/08/2022	ND	199	99.3	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	185	92.7	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	90.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	88.0	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: CS-16 (1') (H222434-16)

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	06/08/2022	ND	2.19	110	2.00	7.98	
Toluene*	<0.050	0.050	06/08/2022	ND	2.17	109	2.00	7.91	
Ethylbenzene*	<0.050	0.050	06/08/2022	ND	2.11	106	2.00	7.54	
Total Xylenes*	<0.150	0.150	06/08/2022	ND	6.54	109	6.00	7.70	
Total BTEX	<0.300	0.300	06/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/09/2022	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	06/08/2022	ND	199	99.3	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	185	92.7	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	78.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	83.7	% 59.5-14	2						

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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: CS-17 (1') (H222434-17)

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	06/08/2022	ND	2.19	110	2.00	7.98	
Toluene*	<0.050	0.050	06/08/2022	ND	2.17	109	2.00	7.91	
Ethylbenzene*	<0.050	0.050	06/08/2022	ND	2.11	106	2.00	7.54	
Total Xylenes*	<0.150	0.150	06/08/2022	ND	6.54	109	6.00	7.70	
Total BTEX	<0.300	0.300	06/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/09/2022	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	06/08/2022	ND	199	99.3	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	185	92.7	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	86.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	85.9	% 59.5-14	2						

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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: CS-18 (1') (H222434-18)

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	06/08/2022	ND	2.19	110	2.00	7.98	
Toluene*	<0.050	0.050	06/08/2022	ND	2.17	109	2.00	7.91	
Ethylbenzene*	<0.050	0.050	06/08/2022	ND	2.11	106	2.00	7.54	
Total Xylenes*	<0.150	0.150	06/08/2022	ND	6.54	109	6.00	7.70	
Total BTEX	<0.300	0.300	06/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/09/2022	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	06/08/2022	ND	199	99.3	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	185	92.7	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	82.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	83.8	% 59.5-14	2						

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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: CS-19 (1') (H222434-19)

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	06/08/2022	ND	2.19	110	2.00	7.98	
Toluene*	<0.050	0.050	06/08/2022	ND	2.17	109	2.00	7.91	
Ethylbenzene*	<0.050	0.050	06/08/2022	ND	2.11	106	2.00	7.54	
Total Xylenes*	<0.150	0.150	06/08/2022	ND	6.54	109	6.00	7.70	
Total BTEX	<0.300	0.300	06/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/09/2022	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	06/09/2022	ND	199	99.3	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	185	92.7	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					
Surrogate: 1-Chlorooctane	80.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	77.2	% 59.5-14	2						

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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

## Sample ID: CS-20 (1') (H222434-20)

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	06/08/2022	ND	2.19	110	2.00	7.98	
Toluene*	<0.050	0.050	06/08/2022	ND	2.17	109	2.00	7.91	
Ethylbenzene*	<0.050	0.050	06/08/2022	ND	2.11	106	2.00	7.54	
Total Xylenes*	<0.150	0.150	06/08/2022	ND	6.54	109	6.00	7.70	
Total BTEX	<0.300	0.300	06/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/09/2022	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	06/09/2022	ND	199	99.3	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	185	92.7	200	2.59	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					
Surrogate: 1-Chlorooctane	89.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	86.9	% 59.5-14	2						

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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: CS-21 (1') (H222434-21)

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	06/08/2022	ND	2.19	110	2.00	7.98	
Toluene*	<0.050	0.050	06/08/2022	ND	2.17	109	2.00	7.91	
Ethylbenzene*	<0.050	0.050	06/08/2022	ND	2.11	106	2.00	7.54	
Total Xylenes*	<0.150	0.150	06/08/2022	ND	6.54	109	6.00	7.70	
Total BTEX	<0.300	0.300	06/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/09/2022	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	06/08/2022	ND	205	102	200	5.84	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	203	102	200	0.176	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	71.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	74.0	% 59.5-14	2						

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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

## Sample ID: CS-22 (1') (H222434-22)

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	06/08/2022	ND	2.19	110	2.00	7.98	
Toluene*	<0.050	0.050	06/08/2022	ND	2.17	109	2.00	7.91	
Ethylbenzene*	<0.050	0.050	06/08/2022	ND	2.11	106	2.00	7.54	
Total Xylenes*	<0.150	0.150	06/08/2022	ND	6.54	109	6.00	7.70	
Total BTEX	<0.300	0.300	06/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/09/2022	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	06/08/2022	ND	205	102	200	5.84	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	203	102	200	0.176	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	71.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	72.9	% 59.5-14	2						

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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

## Sample ID: CS-23 (1') (H222434-23)

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	06/08/2022	ND	2.19	110	2.00	7.98	
Toluene*	<0.050	0.050	06/08/2022	ND	2.17	109	2.00	7.91	
Ethylbenzene*	<0.050	0.050	06/08/2022	ND	2.11	106	2.00	7.54	
Total Xylenes*	<0.150	0.150	06/08/2022	ND	6.54	109	6.00	7.70	
Total BTEX	<0.300	0.300	06/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/09/2022	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	06/08/2022	ND	205	102	200	5.84	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	203	102	200	0.176	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	71.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	74.8	% 59.5-14	2						

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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

## Sample ID: CS-24 (1') (H222434-24)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/08/2022	ND	2.19	110	2.00	7.98	
Toluene*	<0.050	0.050	06/08/2022	ND	2.17	109	2.00	7.91	
Ethylbenzene*	<0.050	0.050	06/08/2022	ND	2.11	106	2.00	7.54	
Total Xylenes*	<0.150	0.150	06/08/2022	ND	6.54	109	6.00	7.70	
Total BTEX	<0.300	0.300	06/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/09/2022	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	06/08/2022	ND	205	102	200	5.84	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	203	102	200	0.176	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	74.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	76.9	% 59.5-14	2						

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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

## Sample ID: CS-25 (1') (H222434-25)

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	06/08/2022	ND	2.19	110	2.00	7.98	
Toluene*	<0.050	0.050	06/08/2022	ND	2.17	109	2.00	7.91	
Ethylbenzene*	<0.050	0.050	06/08/2022	ND	2.11	106	2.00	7.54	
Total Xylenes*	<0.150	0.150	06/08/2022	ND	6.54	109	6.00	7.70	
Total BTEX	<0.300	0.300	06/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/09/2022	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	06/08/2022	ND	205	102	200	5.84	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	203	102	200	0.176	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	76.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	79.9	% 59.5-14	2						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: CS-26 (1') (H222434-26)

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	06/08/2022	ND	2.19	110	2.00	7.98	
Toluene*	<0.050	0.050	06/08/2022	ND	2.17	109	2.00	7.91	
Ethylbenzene*	<0.050	0.050	06/08/2022	ND	2.11	106	2.00	7.54	
Total Xylenes*	<0.150	0.150	06/08/2022	ND	6.54	109	6.00	7.70	
Total BTEX	<0.300	0.300	06/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/09/2022	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	06/08/2022	ND	205	102	200	5.84	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	203	102	200	0.176	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	73.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	74.3	% 59.5-14	•						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: CS-27 (1') (H222434-27)

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	06/08/2022	ND	2.19	110	2.00	7.98	
Toluene*	<0.050	0.050	06/08/2022	ND	2.17	109	2.00	7.91	
Ethylbenzene*	<0.050	0.050	06/08/2022	ND	2.11	106	2.00	7.54	
Total Xylenes*	<0.150	0.150	06/08/2022	ND	6.54	109	6.00	7.70	
Total BTEX	<0.300	0.300	06/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/09/2022	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	06/08/2022	ND	205	102	200	5.84	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	203	102	200	0.176	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	72.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	77.7	% 59.5-14	2						

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Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: CS-28 (1') (H222434-28)

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	06/08/2022	ND	2.19	110	2.00	7.98	
Toluene*	<0.050	0.050	06/08/2022	ND	2.17	109	2.00	7.91	
Ethylbenzene*	<0.050	0.050	06/08/2022	ND	2.11	106	2.00	7.54	
Total Xylenes*	<0.150	0.150	06/08/2022	ND	6.54	109	6.00	7.70	
Total BTEX	<0.300	0.300	06/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/09/2022	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	06/08/2022	ND	205	102	200	5.84	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	203	102	200	0.176	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	69.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	74.8	% 59.5-14	2						

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Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: CS-29 (1') (H222434-29)

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	06/08/2022	ND	2.19	110	2.00	7.98	
Toluene*	<0.050	0.050	06/08/2022	ND	2.17	109	2.00	7.91	
Ethylbenzene*	<0.050	0.050	06/08/2022	ND	2.11	106	2.00	7.54	
Total Xylenes*	<0.150	0.150	06/08/2022	ND	6.54	109	6.00	7.70	
Total BTEX	<0.300	0.300	06/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/09/2022	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	06/08/2022	ND	205	102	200	5.84	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	203	102	200	0.176	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	73.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	76.9	% 59.5-14	2						

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Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: CS-30 (1') (H222434-30)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/08/2022	ND	2.19	110	2.00	7.98	
Toluene*	<0.050	0.050	06/08/2022	ND	2.17	109	2.00	7.91	
Ethylbenzene*	<0.050	0.050	06/08/2022	ND	2.11	106	2.00	7.54	
Total Xylenes*	<0.150	0.150	06/08/2022	ND	6.54	109	6.00	7.70	
Total BTEX	<0.300	0.300	06/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/09/2022	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	06/08/2022	ND	205	102	200	5.84	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	203	102	200	0.176	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	67.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	72.1	% 59.5-14	2						

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Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: CS-31 (1') (H222434-31)

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	06/08/2022	ND	2.19	110	2.00	7.98	
Toluene*	<0.050	0.050	06/08/2022	ND	2.17	109	2.00	7.91	
Ethylbenzene*	<0.050	0.050	06/08/2022	ND	2.11	106	2.00	7.54	
Total Xylenes*	<0.150	0.150	06/08/2022	ND	6.54	109	6.00	7.70	
Total BTEX	<0.300	0.300	06/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/09/2022	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	06/08/2022	ND	205	102	200	5.84	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	203	102	200	0.176	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	67.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	72.0	% 59.5-14	2						

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Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: CS-32 (1') (H222434-32)

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	06/08/2022	ND	2.19	110	2.00	7.98	
Toluene*	<0.050	0.050	06/08/2022	ND	2.17	109	2.00	7.91	
Ethylbenzene*	<0.050	0.050	06/08/2022	ND	2.11	106	2.00	7.54	
Total Xylenes*	<0.150	0.150	06/08/2022	ND	6.54	109	6.00	7.70	
Total BTEX	<0.300	0.300	06/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/09/2022	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	06/08/2022	ND	205	102	200	5.84	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	203	102	200	0.176	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	71.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	75.6	% 59.5-14	2						

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Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

## Sample ID: CS-33 (1') (H222434-33)

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	06/09/2022	ND	2.19	110	2.00	7.98	
Toluene*	<0.050	0.050	06/09/2022	ND	2.17	109	2.00	7.91	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	2.11	106	2.00	7.54	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.54	109	6.00	7.70	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/09/2022	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	06/08/2022	ND	205	102	200	5.84	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	203	102	200	0.176	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	69.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	72.6	% 59.5-14	2						

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Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: CS-34 (1') (H222434-34)

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	06/08/2022	ND	2.10	105	2.00	9.71	
Toluene*	<0.050	0.050	06/08/2022	ND	2.09	104	2.00	9.56	
Ethylbenzene*	<0.050	0.050	06/08/2022	ND	1.96	97.9	2.00	9.93	
Total Xylenes*	<0.150	0.150	06/08/2022	ND	6.09	102	6.00	9.29	
Total BTEX	<0.300	0.300	06/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/09/2022	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	06/08/2022	ND	205	102	200	5.84	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	203	102	200	0.176	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	70.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	73.9	% 59.5-14	2						

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Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: CS-35 (1') (H222434-35)

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	06/08/2022	ND	2.10	105	2.00	9.71	
Toluene*	<0.050	0.050	06/08/2022	ND	2.09	104	2.00	9.56	
Ethylbenzene*	<0.050	0.050	06/08/2022	ND	1.96	97.9	2.00	9.93	
Total Xylenes*	<0.150	0.150	06/08/2022	ND	6.09	102	6.00	9.29	
Total BTEX	<0.300	0.300	06/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/09/2022	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	06/08/2022	ND	205	102	200	5.84	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	203	102	200	0.176	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	67.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	70.9	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: CS-36 (1') (H222434-36)

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	06/08/2022	ND	2.10	105	2.00	9.71	
Toluene*	<0.050	0.050	06/08/2022	ND	2.09	104	2.00	9.56	
Ethylbenzene*	<0.050	0.050	06/08/2022	ND	1.96	97.9	2.00	9.93	
Total Xylenes*	<0.150	0.150	06/08/2022	ND	6.09	102	6.00	9.29	
Total BTEX	<0.300	0.300	06/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/09/2022	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	06/08/2022	ND	205	102	200	5.84	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	203	102	200	0.176	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	68.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	73.6	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

# Sample ID: CS-37 (1') (H222434-37)

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	06/08/2022	ND	2.10	105	2.00	9.71	
Toluene*	<0.050	0.050	06/08/2022	ND	2.09	104	2.00	9.56	
Ethylbenzene*	<0.050	0.050	06/08/2022	ND	1.96	97.9	2.00	9.93	
Total Xylenes*	<0.150	0.150	06/08/2022	ND	6.09	102	6.00	9.29	
Total BTEX	<0.300	0.300	06/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/09/2022	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	06/08/2022	ND	205	102	200	5.84	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	203	102	200	0.176	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	67.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	71.8	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

# Sample ID: CS-38 (1') (H222434-38)

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	06/09/2022	ND	2.10	105	2.00	9.71	
Toluene*	<0.050	0.050	06/09/2022	ND	2.09	104	2.00	9.56	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.96	97.9	2.00	9.93	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.09	102	6.00	9.29	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/09/2022	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	06/08/2022	ND	205	102	200	5.84	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	203	102	200	0.176	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	77.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	80.8	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: CS-39 (1') (H222434-39)

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	06/09/2022	ND	2.10	105	2.00	9.71	
Toluene*	<0.050	0.050	06/09/2022	ND	2.09	104	2.00	9.56	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.96	97.9	2.00	9.93	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.09	102	6.00	9.29	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/09/2022	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	06/09/2022	ND	205	102	200	5.84	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	203	102	200	0.176	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					
Surrogate: 1-Chlorooctane	92.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	97.8	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: CS-40 (1') (H222434-40)

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	06/09/2022	ND	2.10	105	2.00	9.71	
Toluene*	<0.050	0.050	06/09/2022	ND	2.09	104	2.00	9.56	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.96	97.9	2.00	9.93	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.09	102	6.00	9.29	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/09/2022	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	06/09/2022	ND	205	102	200	5.84	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	203	102	200	0.176	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					
Surrogate: 1-Chlorooctane	73.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	79.8	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

# Sample ID: CS-41 (1') (H222434-41)

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	06/09/2022	ND	2.10	105	2.00	9.71	
Toluene*	<0.050	0.050	06/09/2022	ND	2.09	104	2.00	9.56	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.96	97.9	2.00	9.93	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.09	102	6.00	9.29	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/09/2022	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	06/08/2022	ND	190	94.9	200	5.71	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	198	98.9	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	82.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	92.3	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: CS-42 (1') (H222434-42)

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	06/09/2022	ND	2.10	105	2.00	9.71	
Toluene*	<0.050	0.050	06/09/2022	ND	2.09	104	2.00	9.56	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.96	97.9	2.00	9.93	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.09	102	6.00	9.29	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/09/2022	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	06/08/2022	ND	190	94.9	200	5.71	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	198	98.9	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	89.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	99.5	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: CS-43 (1') (H222434-43)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	ND	2.10	105	2.00	9.71	
Toluene*	<0.050	0.050	06/09/2022	ND	2.09	104	2.00	9.56	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.96	97.9	2.00	9.93	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.09	102	6.00	9.29	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	06/09/2022	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	06/08/2022	ND	190	94.9	200	5.71	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	198	98.9	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	89.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	97.6	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: CS-44 (1') (H222434-44)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	ND	2.10	105	2.00	9.71	
Toluene*	<0.050	0.050	06/09/2022	ND	2.09	104	2.00	9.56	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.96	97.9	2.00	9.93	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.09	102	6.00	9.29	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/09/2022	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	06/08/2022	ND	190	94.9	200	5.71	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	198	98.9	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	91.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	98.6	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: CS-45 (1') (H222434-45)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	ND	2.10	105	2.00	9.71	
Toluene*	<0.050	0.050	06/09/2022	ND	2.09	104	2.00	9.56	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.96	97.9	2.00	9.93	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.09	102	6.00	9.29	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/09/2022	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	06/08/2022	ND	190	94.9	200	5.71	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	198	98.9	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	90.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	102	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: CS-46 (1') (H222434-46)

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	06/09/2022	ND	2.10	105	2.00	9.71	
Toluene*	<0.050	0.050	06/09/2022	ND	2.09	104	2.00	9.56	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.96	97.9	2.00	9.93	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.09	102	6.00	9.29	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/09/2022	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	06/08/2022	ND	190	94.9	200	5.71	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	198	98.9	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	76.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	82.0	% 59.5-14	2						

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Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: CS-47 (1') (H222434-47)

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	06/09/2022	ND	2.10	105	2.00	9.71	
Toluene*	<0.050	0.050	06/09/2022	ND	2.09	104	2.00	9.56	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.96	97.9	2.00	9.93	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.09	102	6.00	9.29	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/09/2022	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	06/08/2022	ND	190	94.9	200	5.71	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	198	98.9	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	87.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	93.1	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: CS-48 (1') (H222434-48)

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	06/09/2022	ND	2.10	105	2.00	9.71	
Toluene*	<0.050	0.050	06/09/2022	ND	2.09	104	2.00	9.56	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.96	97.9	2.00	9.93	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.09	102	6.00	9.29	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/09/2022	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	06/08/2022	ND	190	94.9	200	5.71	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	198	98.9	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	85.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	90.4	% 59.5-14	2						

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Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: CS-49 (1') (H222434-49)

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	06/09/2022	ND	2.10	105	2.00	9.71	
Toluene*	<0.050	0.050	06/09/2022	ND	2.09	104	2.00	9.56	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.96	97.9	2.00	9.93	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.09	102	6.00	9.29	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/09/2022	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	06/08/2022	ND	190	94.9	200	5.71	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	198	98.9	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	92.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	100	% 59.5-14	2						

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Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: CS-50 (1') (H222434-50)

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	06/09/2022	ND	2.10	105	2.00	9.71	
Toluene*	<0.050	0.050	06/09/2022	ND	2.09	104	2.00	9.56	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.96	97.9	2.00	9.93	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.09	102	6.00	9.29	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/09/2022	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	06/08/2022	ND	190	94.9	200	5.71	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	198	98.9	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	102	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	112	% 59.5-14	2						

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Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: CS-51 (1') (H222434-51)

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	06/09/2022	ND	2.10	105	2.00	9.71	
Toluene*	<0.050	0.050	06/09/2022	ND	2.09	104	2.00	9.56	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.96	97.9	2.00	9.93	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.09	102	6.00	9.29	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/09/2022	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	06/08/2022	ND	190	94.9	200	5.71	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	198	98.9	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	85.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	93.9	% 59.5-14	2						

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Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: CS-52 (0.5') (H222434-52)

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	06/09/2022	ND	2.10	105	2.00	9.71	
Toluene*	<0.050	0.050	06/09/2022	ND	2.09	104	2.00	9.56	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.96	97.9	2.00	9.93	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.09	102	6.00	9.29	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/09/2022	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	06/08/2022	ND	190	94.9	200	5.71	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	198	98.9	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	95.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	106	% 59.5-14	2						

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Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: CS-53 (0.5') (H222434-53)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	ND	2.10	105	2.00	9.71	
Toluene*	<0.050	0.050	06/09/2022	ND	2.09	104	2.00	9.56	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.96	97.9	2.00	9.93	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.09	102	6.00	9.29	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/09/2022	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	06/08/2022	ND	190	94.9	200	5.71	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	198	98.9	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	97.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	109	% 59.5-14	2						

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Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: CS-54 (0.5') (H222434-54)

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	06/09/2022	ND	2.10	105	2.00	5.64	
Toluene*	<0.050	0.050	06/09/2022	ND	2.06	103	2.00	5.69	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	2.00	99.8	2.00	4.83	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.18	103	6.00	4.63	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/09/2022	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	06/08/2022	ND	190	94.9	200	5.71	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	198	98.9	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	112 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	124	% 59.5-14	2						

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Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: CS-55 (0.5') (H222434-55)

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	06/09/2022	ND	2.10	105	2.00	5.64	
Toluene*	<0.050	0.050	06/09/2022	ND	2.06	103	2.00	5.69	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	2.00	99.8	2.00	4.83	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.18	103	6.00	4.63	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	nalyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/09/2022	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	06/08/2022	ND	190	94.9	200	5.71	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	198	98.9	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	106 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	120 9	% 59.5-14	2						

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Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: CS-56 (0.5') (H222434-56)

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	06/09/2022	ND	2.10	105	2.00	5.64	
Toluene*	<0.050	0.050	06/09/2022	ND	2.06	103	2.00	5.69	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	2.00	99.8	2.00	4.83	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.18	103	6.00	4.63	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/09/2022	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	06/08/2022	ND	190	94.9	200	5.71	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	198	98.9	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	101	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	111 9	% 59.5-14	2						

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### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: CS-57 (0.5') (H222434-57)

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	06/09/2022	ND	2.10	105	2.00	5.64	
Toluene*	<0.050	0.050	06/09/2022	ND	2.06	103	2.00	5.69	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	2.00	99.8	2.00	4.83	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.18	103	6.00	4.63	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/09/2022	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	06/09/2022	ND	190	94.9	200	5.71	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	198	98.9	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					
Surrogate: 1-Chlorooctane	101	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	114	% 59.5-14	2						

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\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: CS-58 (0.5') (H222434-58)

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	06/09/2022	ND	2.10	105	2.00	5.64	
Toluene*	<0.050	0.050	06/09/2022	ND	2.06	103	2.00	5.69	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	2.00	99.8	2.00	4.83	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.18	103	6.00	4.63	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/09/2022	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	06/09/2022	ND	190	94.9	200	5.71	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	198	98.9	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					
Surrogate: 1-Chlorooctane	95.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	106	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: CS-59 (0.5') (H222434-59)

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	06/09/2022	ND	2.10	105	2.00	5.64	
Toluene*	<0.050	0.050	06/09/2022	ND	2.06	103	2.00	5.69	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	2.00	99.8	2.00	4.83	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.18	103	6.00	4.63	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/09/2022	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	06/09/2022	ND	190	94.9	200	5.71	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	198	98.9	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					
Surrogate: 1-Chlorooctane	91.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	105 9	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: CS-60 (0.5') (H222434-60)

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	06/09/2022	ND	2.10	105	2.00	5.64	
Toluene*	<0.050	0.050	06/09/2022	ND	2.06	103	2.00	5.69	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	2.00	99.8	2.00	4.83	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.18	103	6.00	4.63	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/09/2022	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	06/09/2022	ND	190	94.9	200	5.71	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	198	98.9	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					
Surrogate: 1-Chlorooctane	83.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	93.5	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: CS-61 (0.5') (H222434-61)

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	06/09/2022	ND	2.10	105	2.00	5.64	
Toluene*	<0.050	0.050	06/09/2022	ND	2.06	103	2.00	5.69	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	2.00	99.8	2.00	4.83	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.18	103	6.00	4.63	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/09/2022	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	06/08/2022	ND	210	105	200	7.72	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	211	105	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	102	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	105	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: CS-62 (0.5') (H222434-62)

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	06/09/2022	ND	2.10	105	2.00	5.64	
Toluene*	<0.050	0.050	06/09/2022	ND	2.06	103	2.00	5.69	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	2.00	99.8	2.00	4.83	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.18	103	6.00	4.63	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/09/2022	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	06/08/2022	ND	210	105	200	7.72	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	211	105	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	91.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	91.3	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: CS-63 (0.5') (H222434-63)

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	06/09/2022	ND	2.10	105	2.00	5.64	
Toluene*	<0.050	0.050	06/09/2022	ND	2.06	103	2.00	5.69	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	2.00	99.8	2.00	4.83	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.18	103	6.00	4.63	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/09/2022	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	06/08/2022	ND	210	105	200	7.72	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	211	105	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	82.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	83.3	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: CS-64 (0.5') (H222434-64)

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	06/09/2022	ND	2.10	105	2.00	5.64	
Toluene*	<0.050	0.050	06/09/2022	ND	2.06	103	2.00	5.69	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	2.00	99.8	2.00	4.83	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.18	103	6.00	4.63	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/09/2022	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	06/08/2022	ND	210	105	200	7.72	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	211	105	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	115 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	118 9	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: CS-65 (0.5') (H222434-65)

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	06/09/2022	ND	2.10	105	2.00	5.64	
Toluene*	<0.050	0.050	06/09/2022	ND	2.06	103	2.00	5.69	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	2.00	99.8	2.00	4.83	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.18	103	6.00	4.63	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/09/2022	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	06/08/2022	ND	210	105	200	7.72	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	211	105	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	81.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	86.1	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: CS-66 (0.5') (H222434-66)

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	06/09/2022	ND	2.10	105	2.00	5.64	
Toluene*	<0.050	0.050	06/09/2022	ND	2.06	103	2.00	5.69	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	2.00	99.8	2.00	4.83	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.18	103	6.00	4.63	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/09/2022	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	06/08/2022	ND	210	105	200	7.72	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	211	105	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	111 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	115 9	% 59.5-14	2						

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### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: CS-67 (0.5') (H222434-67)

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	06/09/2022	ND	2.10	105	2.00	5.64	
Toluene*	<0.050	0.050	06/09/2022	ND	2.06	103	2.00	5.69	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	2.00	99.8	2.00	4.83	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.18	103	6.00	4.63	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/09/2022	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	06/08/2022	ND	210	105	200	7.72	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	211	105	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	106	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	107	% 59.5-14	2						

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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: CS-68 (0.5') (H222434-68)

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	06/09/2022	ND	2.10	105	2.00	5.64	
Toluene*	<0.050	0.050	06/09/2022	ND	2.06	103	2.00	5.69	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	2.00	99.8	2.00	4.83	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.18	103	6.00	4.63	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/09/2022	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	06/08/2022	ND	210	105	200	7.72	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	211	105	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	107	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	111 9	% 59.5-14	2						

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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

# Sample ID: SW-1 (1') (H222434-69)

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	06/09/2022	ND	2.10	105	2.00	5.64	
Toluene*	<0.050	0.050	06/09/2022	ND	2.06	103	2.00	5.69	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	2.00	99.8	2.00	4.83	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.18	103	6.00	4.63	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/09/2022	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	06/08/2022	ND	210	105	200	7.72	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	211	105	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	103	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	107	% 59.5-14	2						

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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: SW-2 (1') (H222434-70)

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	06/09/2022	ND	2.10	105	2.00	5.64	
Toluene*	<0.050	0.050	06/09/2022	ND	2.06	103	2.00	5.69	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	2.00	99.8	2.00	4.83	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.18	103	6.00	4.63	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/09/2022	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	06/08/2022	ND	210	105	200	7.72	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	211	105	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	120	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	121	% 59.5-14	2						

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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: SW-3 (1') (H222434-71)

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	06/09/2022	ND	2.10	105	2.00	5.64	
Toluene*	<0.050	0.050	06/09/2022	ND	2.06	103	2.00	5.69	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	2.00	99.8	2.00	4.83	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.18	103	6.00	4.63	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/09/2022	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	06/08/2022	ND	210	105	200	7.72	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	211	105	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	106	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	106	% 59.5-14	2						

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Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: SW-4 (1') (H222434-72)

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	06/09/2022	ND	2.10	105	2.00	5.64	
Toluene*	<0.050	0.050	06/09/2022	ND	2.06	103	2.00	5.69	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	2.00	99.8	2.00	4.83	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.18	103	6.00	4.63	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/09/2022	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	06/08/2022	ND	210	105	200	7.72	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	211	105	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	119 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	119 9	% 59.5-14	2						

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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: SW-5 (1') (H222434-73)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	ND	2.10	105	2.00	5.64	
Toluene*	<0.050	0.050	06/09/2022	ND	2.06	103	2.00	5.69	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	2.00	99.8	2.00	4.83	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.18	103	6.00	4.63	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/09/2022	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	06/08/2022	ND	210	105	200	7.72	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	211	105	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	108	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	115	% 59.5-14	2						

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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: SW-6 (0.5') (H222434-74)

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	06/09/2022	ND	2.05	102	2.00	4.40	
Toluene*	<0.050	0.050	06/09/2022	ND	2.04	102	2.00	3.18	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.92	96.0	2.00	4.37	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	5.99	99.8	6.00	4.95	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/09/2022	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	06/08/2022	ND	210	105	200	7.72	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	211	105	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	115	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	116	% 59.5-14	2						

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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: SW-7 (0.5') (H222434-75)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	ND	2.05	102	2.00	4.40	
Toluene*	<0.050	0.050	06/09/2022	ND	2.04	102	2.00	3.18	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.92	96.0	2.00	4.37	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	5.99	99.8	6.00	4.95	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/09/2022	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	06/08/2022	ND	202	101	200	2.04	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	204	102	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	133	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	135	% 59.5-14	2						

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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: SW-8 (0.5') (H222434-76)

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	06/09/2022	ND	2.05	102	2.00	4.40	
Toluene*	<0.050	0.050	06/09/2022	ND	2.04	102	2.00	3.18	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.92	96.0	2.00	4.37	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	5.99	99.8	6.00	4.95	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/09/2022	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	06/08/2022	ND	202	101	200	2.04	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	204	102	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	126	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	130	% 59.5-14	2						

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

Received:	06/08/2022	Sampling Date:	06/08/2022
Reported:	06/09/2022	Sampling Type:	Soil
Project Name:	RED SAUCE STATE COM 001H	Sampling Condition:	** (See Notes)
Project Number:	1052 ( 03.13.22 )	Sample Received By:	Celey D. Keene
Project Location:	COG - EDDY CO NM		

### Sample ID: SW-9 (0.5') (H222434-77)

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	06/09/2022	ND	2.05	102	2.00	4.40	
Toluene*	<0.050	0.050	06/09/2022	ND	2.04	102	2.00	3.18	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.92	96.0	2.00	4.37	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	5.99	99.8	6.00	4.95	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/09/2022	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	06/08/2022	ND	202	101	200	2.04	
DRO >C10-C28*	<10.0	10.0	06/08/2022	ND	204	102	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	06/08/2022	ND					
Surrogate: 1-Chlorooctane	119	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	120	% 59.5-14	2						

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



### **Notes and Definitions**

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Work
Order
No:
RACEH
K

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0			nents: Email to Mike Car	CS-10 (1')	CS-9 (1')	CS-8 (1')	CS-7 (1')	CS-6 (1')	CS-5 (1')	CS-4 (1')	CS-3 (1')	CS-2 (1')	
16	-		arr								÷.,		

		Comments: Email to Mike Carmona Mcarmona@carmonaresources.com and Conner Moehring Cmoehring@carmonaresources	10 CS-10 (1')	ري CS-9 (1')				0) CS-5 (1)			UZ CS-2 (1)	01 CS-1 (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:	ate ZIP:		/ Name:		
City	Re	to Mike Carmo	1')	1)	1)	1')	1')	1)	1)	1')	1")	1')		tification		Yes	Yes	Yes						Red Sauce State Com 001H (03.13.22)	432-813-6823	Midiand, IX /9/01	310 West Wall St. Ste.	Carmona Resources	Conner Moehring	
	Relinquished by: (Signature)	ona Mcarmo	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	Date	Date		No N/A	No N/A	No St	Temp Blank:		CRM	Eddy Co, NM	1052	tate Com 00		10/6	II St. Ste. 415	ources	ring	
	: (Signature)	na@carmona												Time	Corrected Temperature:	Temperature Reading:	Correction Factor:	Thermometer ID:	Yes No			-		1H (03.13.22)						
		resources.co	×	×	×	×	×	×	×	×	×	×	00	soil	iperature:	leading:	tor.	and the	Wet Ice:			Due Date:	Routine	ī	Email:					
		m and Conne	C	c	c	c	c	c	c	c	c	c	water Comp	Water Grab/	18.2	12.7	-0.5	$\mathcal{L}$	Yes No			24 Hrs	Rush	Turn Around	t: jacqui.harris@conocophillips.com	City, State ZIP:	Address:	Company Name	Bill to: (if different)	
6/2	-	r Moehrin	1	1	1	1	1	1	1	1	-	-	np Cont		<u> </u>		Pa	ram	eter	s			Pres. Code		aconocop			me:	nt)	
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X	) Ré	.com																1			_			ANALYSIS REQUEST						
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				+	+			+	+	+							HOL	D							AD			RP Bro	Vork Ord	
						+								INCO I	NaOH-				H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	HCL: HC	Cool: Cool	None: NO	:		ADaPT	□PST/UST		Program: UST/PST PRP Brownfields RRC	Work Order Comments	J
													Sample	- Macol Dic	VaOH+Ascorbic Acid:	Na2S2U3: NASU3	NarisU4: NABIS	HP	H <sub>2</sub>	: 0	lool	NO	I I I I I I I I I I I I I I I I I I I	Drocom	Other:	RRP	I	RRC	nents	Page 1
	Date/Time												Sample Comments		AIT ACELATET NACH. 211	3	5		NaOH: Na	HNO3: HN	MeOH: Me	DI Water: H <sub>2</sub> O	I IESEI VALIVE COURS	time Con		Level IV	[	uperfund		of
	(D												ts	C	ר				a	Z	le	T: H <sub>2</sub> O	Sal	3			[			8

### Comments: Email to Mike SAMPLE RECEIPT 5 hone: City, State ZIP otal Containers: ampler's Name roject Number Company Name ddress: ceived Intact: 0 oler Custody Seals oject Manager: pject Name: nple Custody Seals ject Location Sample Identification CS-20 (1') CS-19 (1') CS-18 (1') CS-17 (1') CS-16 (1') CS-13 (1') CS-12 (1') CS-11 (1') CS-15 (1') CS-14 (1') 432-813-6823 Midland, TX 79701 310 West Wall St. Ste. 415 Carmona Resources Conner Moehring Red Sauce State Com 001H (03.13.22) Carmona Yes Yes No N/A Temp Blank: Relinquished by: (Signature) Yes No Eddy Co, NM CRM 6/8/2022 6/8/2022 6/8/2022 6/8/2022 6/8/2022 6/8/2022 6/8/2022 6/8/2022 6/8/2022 6/8/2022 No N/A Mcarmona Date 1052 Corrected Temperature: Correction Factor: Temperature Reading Thermometer ID: Yes No Time armonaresources.com and Conner Due Date: Routine Wet Ice: Soil × × × × × × × × × × Email: Turn Around jacqui.harris@conocophillips.com Water Address: City, State ZIP: Bill to: (if different) Company Name: Yes 0 24Hrs 2 No Comp Grab/ C C C C C C C C C C # of Cont Pres ----Parameters nring Cmoenring@carmonaresources.com -12122 Date/Time COG × × × × × × × 15 W London Rd × × × **BTEX 8021B** Loving, NM 88256 Jacqui Harris × × × TPH 8015M ( GRO + DRO + MRO) × × × × × × × 8.5 × × × × × × × × × × Chloride 4500 ANALYSIS REQUEST Received by: (Signature) Deliverables: EDD Reporting:Level II Level III PST/UST State of Project Program: UST/PST PRP Brownfields RRC 3 Work Order Comments ADaPT HOLD H<sub>2</sub>S0<sub>4</sub>: H<sub>2</sub> HCL: HC Zn Acetate+NaOH: Zn Na2S2O3: NaSO3 NaHSO4: NABIS H<sub>3</sub>PO<sub>4</sub>: HP Cool: Cool None: NO NaOH+Ascorbic Acid: SAPC Page RRP **Preservative Codes** Sample Comments Other: N Date/Time HNO3: HN Level IV uperfund DI Water: H<sub>2</sub>O NaOH: Na MeOH: Me of 8

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Chain of Custody

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Work Order No:

Work Order No: #222434

		Comments: Email to Mike Carmona Mcarmona@carmonaresources.com and Conner Moehring Cmoehring@carmonaresources	S CS-30 (1')					25 CS-25 (1')			22 CS-22 (1)			Cample Identi	Total Containers:	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO#	Sampler's Name:	Project Location	Project Number:	Project Name:		מוכ צור.			Company Name: 0	Project Manager: (
all all	Rel	Mike Carmo		)	)	)	)	)	)	)		-	ICATION			Yes	Yes	Yes						Red Sauce St	432-010-0023	Milliand, IX /9/01	Alana TV 70	310 West Wall St. Ste. 415	Carmona Resources	Conner Moehring
X	linquished by	na Mcarmo	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	Date	2		No N/A	No N/A	s No	Temp Blank:		CRM	Eddy Co, NM	1052	tate Com 00		1076		St. Ste. 415	ources	ing
	Relinquished by: (Signature) Date/Time A Received by: (Signature)	na@carmona											Time	1	Corrected Temperature:	Temperature Reading:	Correction Factor:	Thermometer ID:	Yes No			V		Red Sauce State Com 001H (03.13.22)						
		resources.co	×	×	×	×	×	×	×	×	×	×	Soil		perature:	eading:	tor:	100	Wet Ice:			Due Date:	Routine	Tur	Emai					
		m and Co											Water		12	12.	-0.	113	Kes			24 Hrs	Rush	Turn Around	Email: jacqui.harris@conocophillips.com	City, State ZIP:	nuuress.	Address:	Company	Bill to: (if different)
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ç													mple Co	corbic A	e+NaOH	NaSO <sub>3</sub>	NABIS						Serval	sepreti	Other:	DRRP [			nts	le3
	te/Time												Sample Comments	NaUH+Ascorbic Acid: SAPC	Zn				NaOH: Na	HNO3: HN	MeOH: Me	DI Water: H <sub>2</sub> O	Freservative Codes	in Code		Level IV		uperfund		01
																						H <sub>2</sub> 0	ŝ	2						ľ

Released to Imaging: 7/19/2022 9:07:49 AM

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				Consider the second	Comments: Email to	40 CS-40 (1)	39 CS-39 (1')		37 CS-37 (1')					32 CS-32 (1)	51 CS-31 (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: F	Filolie.			Address: 3	Company Name: C	Project Manager: C
han h		Relin			Mike Carmona											cation				Yes No	Yes	Temp Blank:			E		Red Sauce State Com 001H (03.13.22)	432-013-0023	100 040 0000	idland TV 7070	310 West Wall St. Ste. 415	Carmona Resources	Conner Moehring
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	Date/Time															Sample Comments	ic Acid: SJ	aOH: Zn	03	SIS		NaOH: Na	HNO3: HN	MeOH: Me	DI Wa	r leselvative Codes		ň					
	me															ents	APC					Na	HN	Me	DI Water: H <sub>2</sub> O	odes					uperfund		

## Received by OCD: 7/7/2022 7:27:50 AM

Chain of Custody

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Work Order No: H222434

Released to	Imaging:	7/19/2022	9:07:49	AM

k	Received	by	0	CD:	7/7/	/2022	7:27::	50 AM

			ςυ us	49 08	Cit Cit	47 CS	46 00	45 05	44 00	M	yr ci	41 0	Sample	-	<b>Total Containers:</b>	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO#	Sampler's Name	Project Location	Project Number:	Project Name:	Phone:		City State 710-	Address:	Company Name	Project Manager
1 il			Email to Mike	CS-49 (1')	CS-48 (1')	CS-47 (1')	CS-46 (1')	CS-45 (1')	CS-44 (1')	CS-43 (1')	CS-42 (1')	CS-41 (1')	Sample Identification			/ Seals:	Seals:		CEIPT		<u>, th</u>	-		Red Sa	432-813-6823	IVIIGIAI	Midlood			
hal	Relinquist		6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	Date			Yes No N/A	Yes No N/A	Yes No	Temp Blank:		CRM	Eddy Co, NM	1052	auce State Co	3-6823	WIIGHIG, 17 19101	TV 70704	310 West Wall St Ste	Cormona Pasourooo	Moohring
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	Ire)	Calinoliaresources.com and Conner Moenring Cmoehring@carmonaresource	×	×	×	×	×	×	×	×	×	×	Soil	_	Corrected Temperature:	Temperature Reading:	Factor.		No Wet Ice:			Due Date:	Routine		m.					
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													Sample	NaOH+Ascorbic Acid: SAPC	Zn Acetate+NaOH: Zn	Na2S2O3: NaSO3	NaHSU4: NABIS	H <sub>3</sub> PO <sub>4</sub> : HP	H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	HCL: HC	Cool: Cool	None: NO	I I I I I I I I I I I I I I I I I I I	Drocor		UST RRP		Program: UST/PST PRP Brownfields RRC	Work Order Comments	Page_
Calconnic	Date/Time												Sample Comments	c Acid: SAPC	OH: Zn	03	U.	,	NaOH: Na	HNO3: HN	MeOH: Me	DI Water: H <sub>2</sub> O	r leselvative Codes	ntino Pada		Level IV				0 of 8

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Work Order No: 4222 434

		Comments: Email to Mike Carmona Mcarmona@carmonaresources.com and Conner Moehring Cmoehring@carmonaresources	(10 CS-60 (0.5')	59 CS-59 (0.5')		57 CS-57 (0.5')	57 CS-56 (0.5')	55 CS-55 (0.5')		5 / CS-53 (0.5')		S/ CS-51 (1)	Sample Identification	Contraction.	Total Containers	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO #:	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone:	ate ZIP:		r Marne.		Project Manager:
ale	Re	o Mike Carmo	(5)	5')	.5")	.5')	.5")	.5')	.5')	.5')	.5')	1)	fication			Yes	Yes	Yes						Red Sauce State Com 001H (03.13.22)	432-813-6823	Midiand, IX /9/01	310 West Wall St. Ste.	Carmona Resources		Conner Moehring
Į,	Relinquished by:	ona Mcarmo	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	Date			N/A	o N/A	s No	Temp Blank:		CRM	Eddy Co, NM	1052	tate Com 00°		L0/6	I St. Ste. 415		"IU	ina
	: (Signature)	na@carmona											Time		Corrected Tom	Temperature Reading:	Correction Factor:	Thermometer ID:	Yes No					IH (03.13.22)						
		resources.cc	×	×	×	×	×	×	×	×	×	×	Soil	perature.	and a	eading:	tor.		Wet Ice:			Due Date:	Routine	Tu	Ema					
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610		er Moehri	1	1	C 1	C 1	C 1	C 1	C 1	C 1	C 1	C 1	Comp Cont	μ.	1	1	Par		eter	s			Pres.		s@conoco	P.		ame:	ent)	
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Chain of Custody

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Work Order No: H2224

Work Order No: # 222434

## Received by OCD: 7/7/2022 7:27:50 AM

Work Order No: H222 43

		Comments: Email to Mike Carmona Mcarmona@carmonaresources.com and Conner Moehring Cmoehring@carmonaresources.			77 SW-9 (0.5")	16 SW-8 (0.5")		74 SW-6 (0.5')		N.		Sample Identification	I otal 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:	
Sin	Relir	to Mike Carmon			).5')	).5')	).5')	0.5')	(1')	(1')	(1')	tification		Is: Yes No		Ye				п		Red Sauce State Com 001H (03.13.22)	432-813-6823	Midland, TX 79701	310 West Wall St. Ste. 415	Carmona Resources	Conner Moehring	
afe	Relinquished by: (Signature)	ia Mcarmor			6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	6/8/2022	Date		N/A	N/A	No	Temp Blank:		CRM	Eddy Co, NM	1052	ite Com 001		101	St. Ste. 415	lroes	Ð	
	(Signature)	ia@carmonar										Time	Corrected Temperature:	Temperature Reading:	Correction Factor:	Thermometer ID:	Yes No					H (03.13.22)						
		esources.cor			×	×	×	×	×	×	×	Soil	erature:	eading:	97.	1.12	Wet Ice:			Due Date:	Routine	Turi	Email:					
		n and Conne			c	c	С	c	c	С	С	Water Comp	12.2	18.7	-0.5	113	Yes No	)		24 Hrs	イ Rush	Turn Around	Email: jacqui.harris@conocophillips.com	City, State ZIP:	Address:	Company Name:	Bill to: (if different)	
612		r Moehrin			1	1	1	1	1	4	1	b/ # of p Cont			Pa	aram	leter	s		Code	Pres.		Doonocop			le:	H)	
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												Sarr	NaOH+Ascorbic Acid: SAPC	Zn Acetate+NaOH: Zn	Na.S.O.: NaSO-	NaHSO. · NARIS	H <sub>2</sub> SU <sub>4</sub> : H <sub>2</sub>	HCL: HC	Cool: Cool	None: NO	TIE	D				Program: UST/PST PRP Brownfields RRC	Work Order Comments	Page
	Dat											nple Co	orbic Aci	+NaOH-	1950	IARIS		н			Servativ		Other:	RRP			200203	8
	Date/Time											Sample Comments	id: SAPC	Zn			NaOH: Na	HNO3: HN	MeOH: Me	DI Water: H <sub>2</sub> O	r reservative Lodes			Level IV		uperfund		of 8
																				H <sub>2</sub> O	S						1	~

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Page 6

Oil Conservation Division

Incident ID	NAPP2210830092
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.

<b><u>Closure Report Attachment Checklist</u>:</b> Each of the following it	tems 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	ations. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in									
Printed Name:										
Signature: Jacque Arous	Date:7.6.22									
email:	Telephone:									
OCD Only										
Received by: <u>Robert Hamlet</u>	Date: 7/19/2022									
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.									
Closure Approved by: <u>Robert Hamlet</u>	Date: 7/19/2022									
Printed Name: <u>Robert Hamlet</u>	Title: Environmental Specialist - Advanced									

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

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

District III

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

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

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

CONDITIONS

Operator:	OGRID:					
COG OPERATING LLC	229137					
600 W Illinois Ave	Action Number:					
Midland, TX 79701	123330					
	Action Type:					
	[C-141] Release Corrective Action (C-141)					

### CONDITIONS

Created By Condition

We have received your closure report and final C-141 for Incident #NAPP2210830092 RED SAUCE STATE COM 001H, thank you. This closure is approved. 7/19/2022 rhamlet

CONDITIONS

Action 123330

Condition Date