



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



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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 0.91 miles 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, the following criteria were utilized in assessing the site.

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

4.0 Site Assessment Activities

Initial Assessment

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 in 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 6-10th, 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

Conner Moehring
Sr. Project Manager

FIGURES

CARMONA RESOURCES



OVERVIEW MAP COG OPERATING

RED SAUCE STATE COM 001H

03/13/22

EDDY COUNTY, NEW MEXICO

32.144222°, -103.909459°

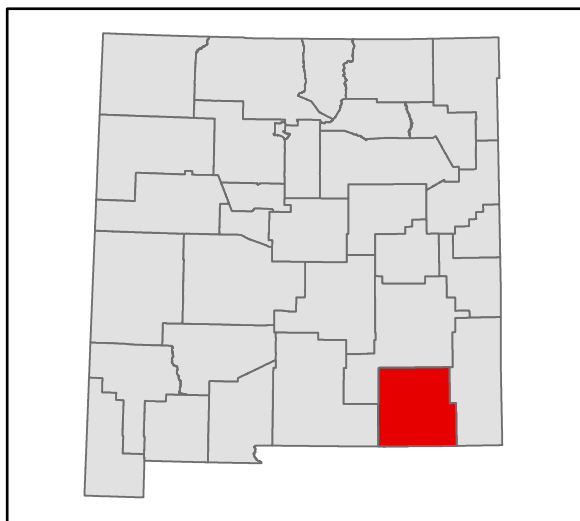


0 2 4 8

Miles



Site Location



CARMONA RESOURCES



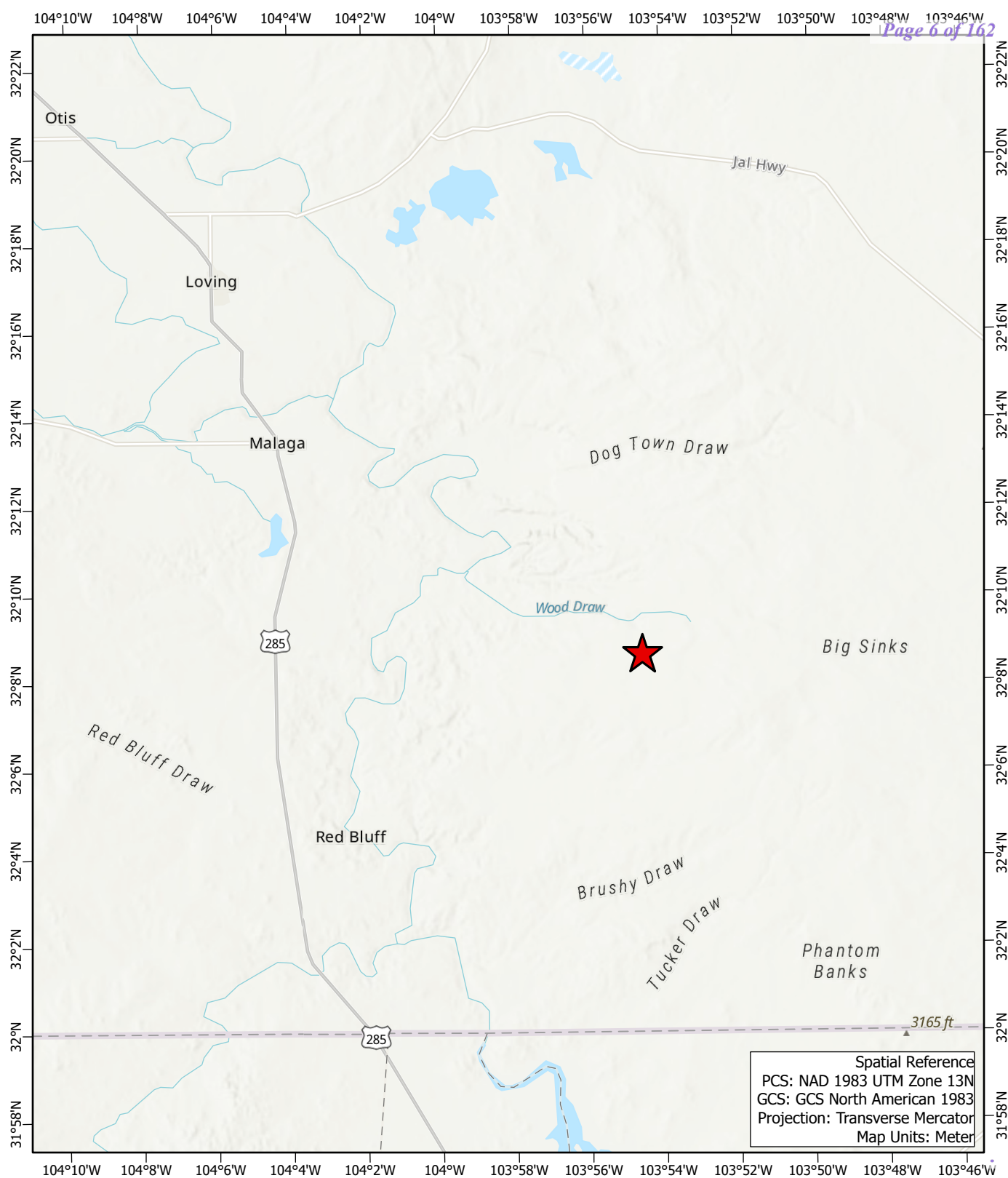
Carmona Resources

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Midland, Texas 7970

DRAWING NUMBER: **Figure 1**

SHEET NUMBER: **1 of 1**



Spatial Reference
PCS: NAD 1983 UTM Zone 13N
GCS: GCS North American 1983
Projection: Transverse Mercator
Map Units: Meter

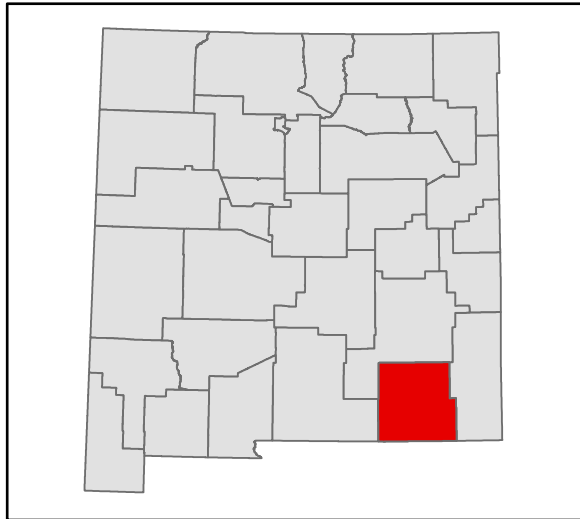
**TOPOGRAPHIC MAP
COG OPERATING**

RED SAUCE STATE COM 001H
03/13/22
EDDY COUNTY, NEW MEXICO
32.144222°, -103.909459°



0 0.13 0.25 0.5
Miles

★ Site Location

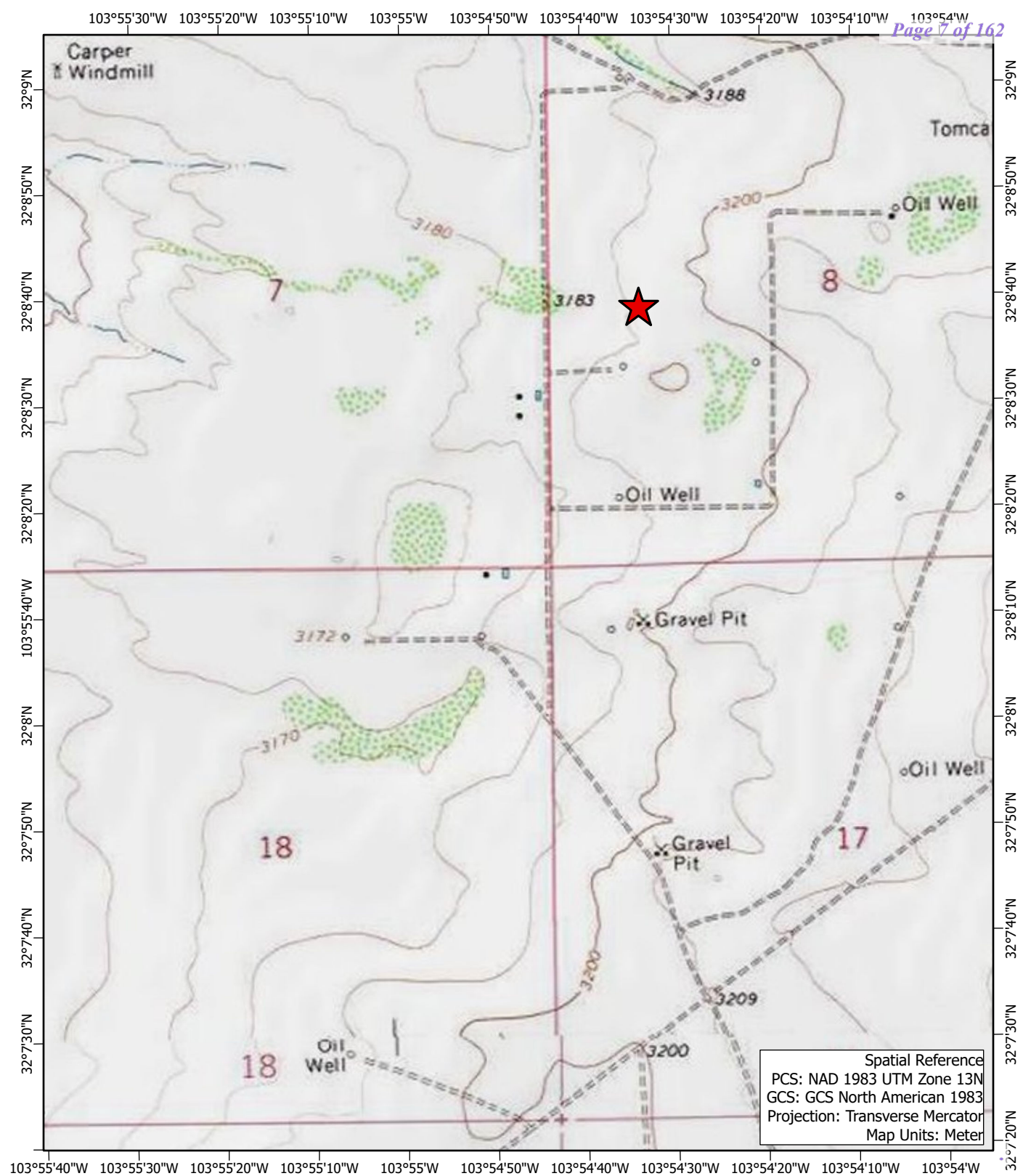


CARMONA RESOURCES



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DRAWING NUMBER: **Figure 2**
SHEET NUMBER: **1 of 1**



EXCAVATION DEPTH MAP
COG OPERATING
 RED SAUCE STATE COM 001H
 03/13/22
 EDDY COUNTY, NEW MEXICO
 31.144222°, -103.909459°



0 5 10 20

Feet

Legend

- Point of Interest
- Sidewall Samples
- Confirmation Samples
- Overhead Powerline
- 0.5' Excavation
- 1' Excavation

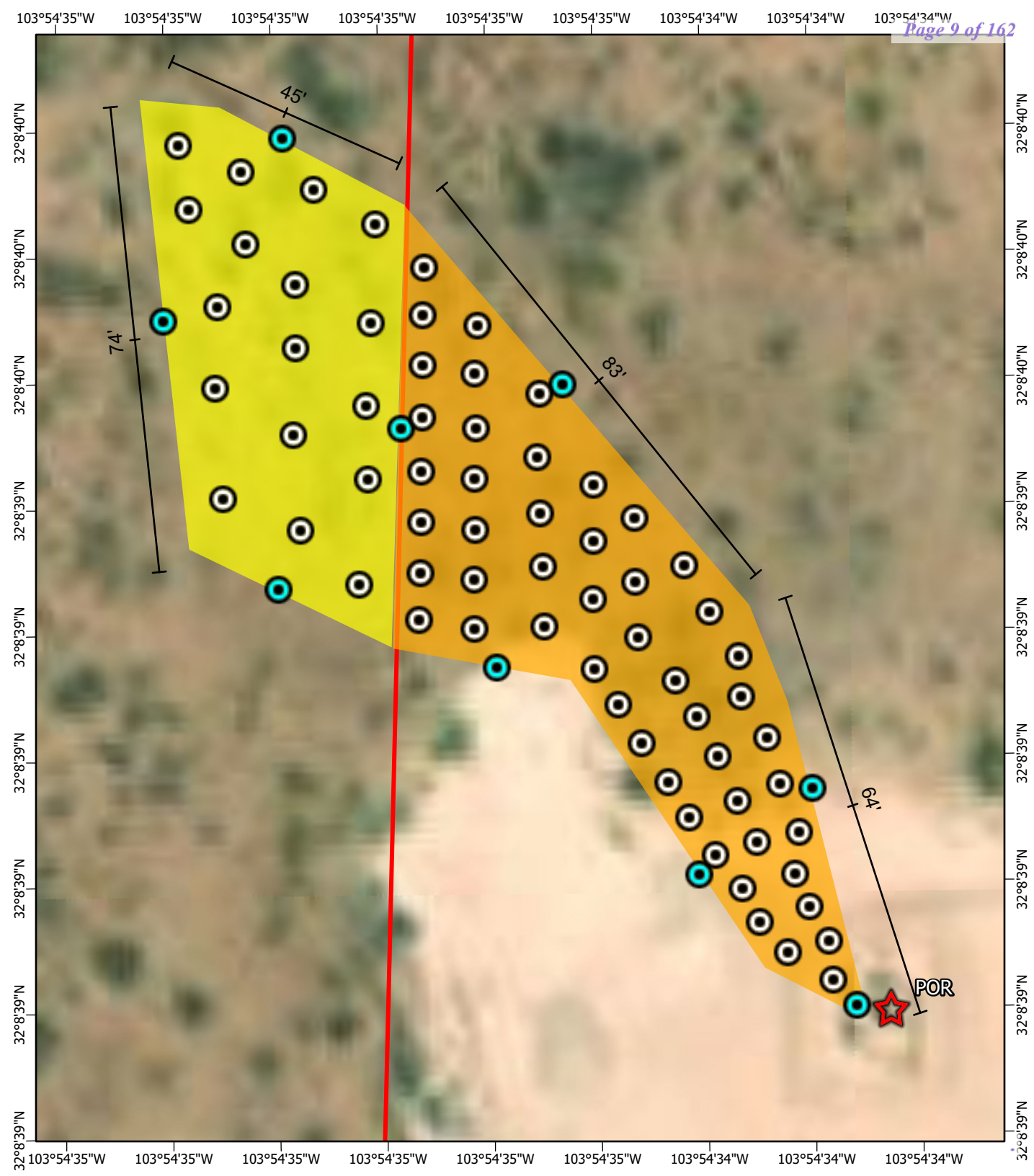
Spatial Reference
 PCS: NAD 1983 UTM Zone 13N
 GCS: GCS North American 1983
 Projection: Transverse Mercator
 Map Units: Meter
 Date Exported: 06/09/22

CARMONA RESOURCES



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DRAWING NUMBER: **Figure 4**
 SHEET NUMBER: **1 of 3**



EXCAVATION DEPTH MAP
COG OPERATING
 RED SAUCE STATE COM 001H
 03/13/22
 EDDY COUNTY, NEW MEXICO
 31.144222°, -103.909459°



0 5 10 20



Feet

Legend



Point of Interest



Sidewall Samples



Confirmation Samples



Overhead Powerline



0.5' Excavation



1' Excavation

Spatial Reference

PCS: NAD 1983 UTM Zone 13N

GCS: GCS North American 1983

Projection: Transverse Mercator

Map Units: Meter

Date Exported: 06/09/22

CARMONA RESOURCES



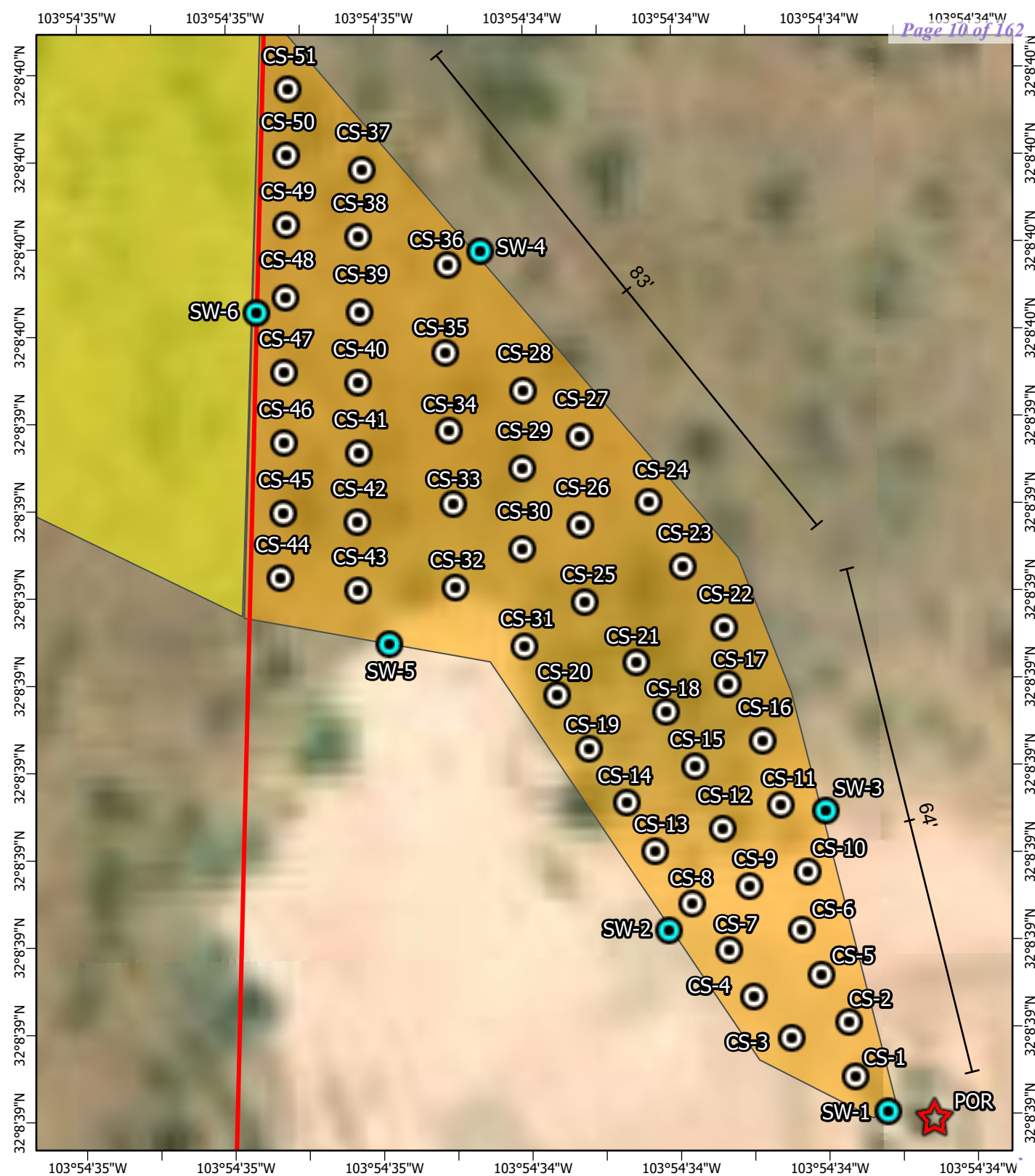
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Midland, Texas 79701

DRAWING NUMBER: **Figure 4**

SHEET NUMBER: **2 of 3**



EXCAVATION DEPTH MAP
COG OPERATING
 RED SAUCE STATE COM 001H
 03/13/22
 EDDY COUNTY, NEW MEXICO
 31.144222°, -103.909459°



0 5 10 20

Feet

Legend

- Point of Release
- Sidewall Samples
- Confirmation Samples
- Overhead Powerline
- 0.5' Excavation
- 1' Excavation

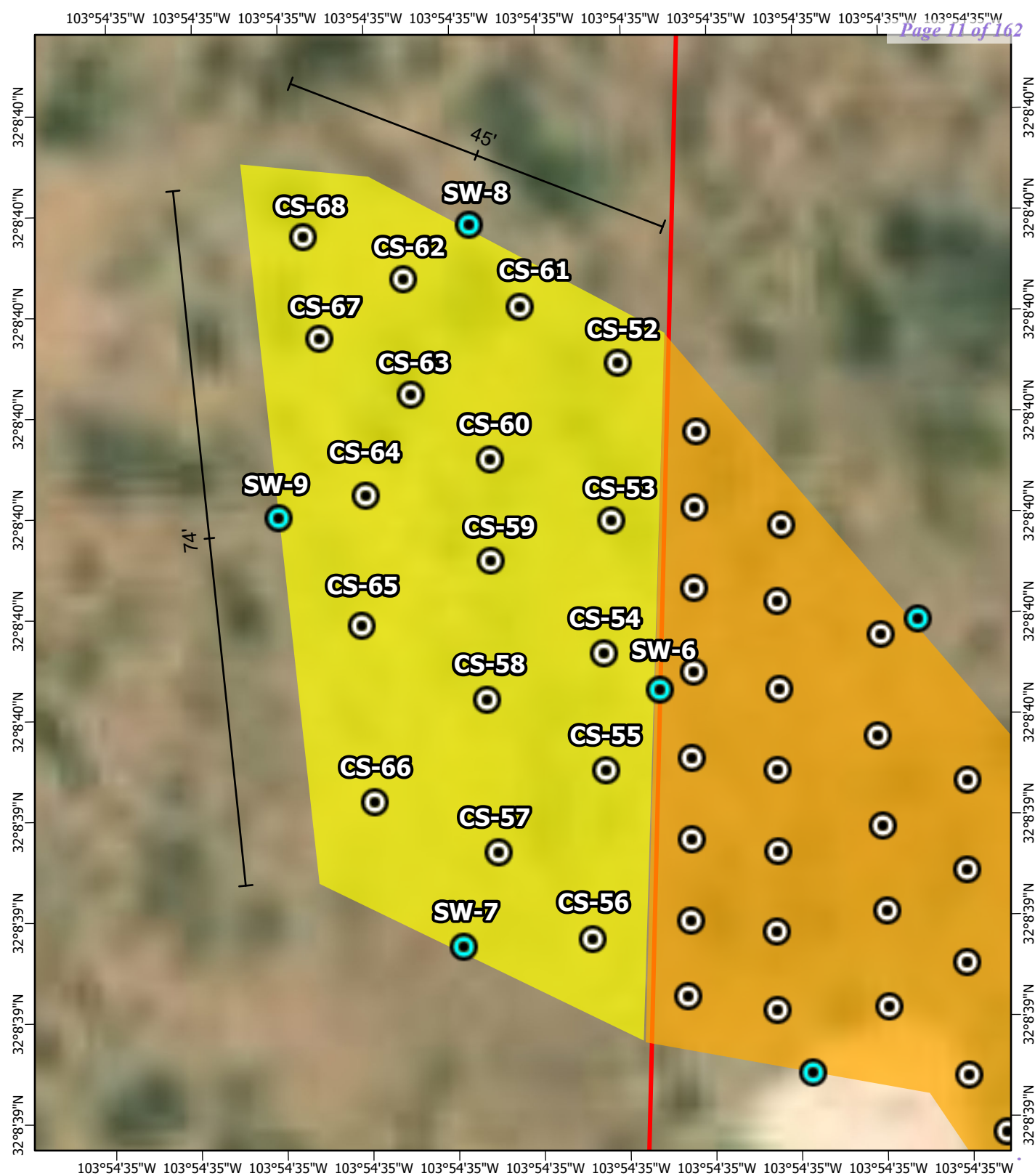
Spatial Reference
 PCS: NAD 1983 UTM Zone 13N
 GCS: GCS North American 1983
 Projection: Transverse Mercator
 Map Units: Meter
 Date Exported: 06/09/22

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DRAWING NUMBER: **Figure 4**
 SHEET NUMBER: **3 of 3**



APPENDIX A

CARMONA RESOURCES



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

Sample ID	Date	Depth (in)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-1	5/3/2022	0-3	100	5,540	1,550	7,190	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	1,630
	"	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
	"	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
	"	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
	"	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
Regulatory Criteria^A							100 mg/kg	10 mg/kg	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(S) Sample Point

(H) Horizontal

Removed

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

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	6/8/2022	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
Regulatory Criteria ^A						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons
ft-feet

(CS) Confirmation Sample

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

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-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
Regulatory Criteria ^A						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg
(-) Not Analyzed												

^A - Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons
ft-feet

(CS) Confirmation Sample

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

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)	
			GRO	DRO	MRO	Total							
SW-1	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	
Regulatory Criteria ^A							100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(SW) Sidewall

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Concho Operating, LLC

Photograph No. 1

Facility: Red Sauce State Com 001H
(03.13.22)

County: Eddy County, New Mexico

Description:

View East of the release area.



Photograph No. 2

Facility: Red Sauce State Com 001H
(03.13.22)

County: Eddy County, New Mexico

Description:

View North of the release area.



Photograph No. 3

Facility: Red Sauce State Com 001H
(03.13.22)

County: Eddy County, New Mexico

Description:

View Southeast, Excavated area



PHOTOGRAPHIC LOG**Concho Operating, LLC****Photograph No. 4****Facility:** Red Sauce State Com 001H
(03.13.22)**County:** Eddy County, New Mexico**Description:**

View North of the excavated area.

**Photograph No. 5****Facility:** Red Sauce State Com 001H
(03.13.22)**County:** Eddy County, New Mexico**Description:**

View West of the excavated area.



APPENDIX C

CARMONA RESOURCES



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

State of New Mexico
Energy Minerals and Natural
Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

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

Location of Release Source

Latitude _____ Longitude _____
(NAD 83 in decimal degrees to 5 decimal places)

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

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)

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

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice 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

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

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	_____ (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input type="checkbox"/> No

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

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

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

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

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: _____ Title: _____

Signature: Jaques Harris Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

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

- ☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☐ Description of remediation activities

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

Printed Name: _____ Title: _____

Signature:  Date: 7.6.22

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

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: 432-813-1992
Mcarmona@carmonaresources.com

CARMONA RESOURCES



APPENDIX D


CARMONA RESOURCES



Nearest water wells

COG OPERATING

Legend

 0.50 Mile Radius

 0.91 Miles

 0.92 Miles

 Red Sauce State Com 001H (03.13.22)

 USGS Water Well



Low Karst

COG OPERATING

Legend

- High
- Low
- Medium
- Red Sauce State Com 001H (03.13.22)





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
C 01379	C		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 feet**

Minimum Depth: **277 feet**

Maximum Depth: **429 feet**

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.

5/8/22 4:29 PM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER



USGS Home
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National Water Information System: Web Interface

USGS Water Resources

Data Category:
Groundwater

Geographic Area:
New Mexico

GO

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Groundwater levels for New Mexico

Click to hide state-specific text

Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 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.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement
1949-03-10			D	62610	2934.35	NGVD29	1		Z	
1949-03-10			D	62611	2936.00	NAVD88	1		Z	
1949-03-10			D	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	A	Approved for publication -- Processing and review completed.

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[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

Title: Groundwater for New Mexico: Water Levels

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



Page Contact Information: [New Mexico Water Data Maintainer](#)

Page Last Modified: 2022-05-08 19:04:53 EDT

0.29 0.26 nadww02




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National Water Information System: Web Interface

USGS Water Resources

Data Category: Geographic Area:

Click to hide News Bulletins

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- [Full News](#) 

Groundwater levels for New Mexico

Click to hide state-specific text

 Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 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](#)

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
1961-06-14			D	62610	2896.80	NGVD29	P		Z	
1961-06-14			D	62611	2898.45	NAVD88	P		Z	
1961-06-14			D	72019	331.55		P		Z	
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

Section	Code	Description
Status	P	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	A	Approved for publication -- Processing and review completed.

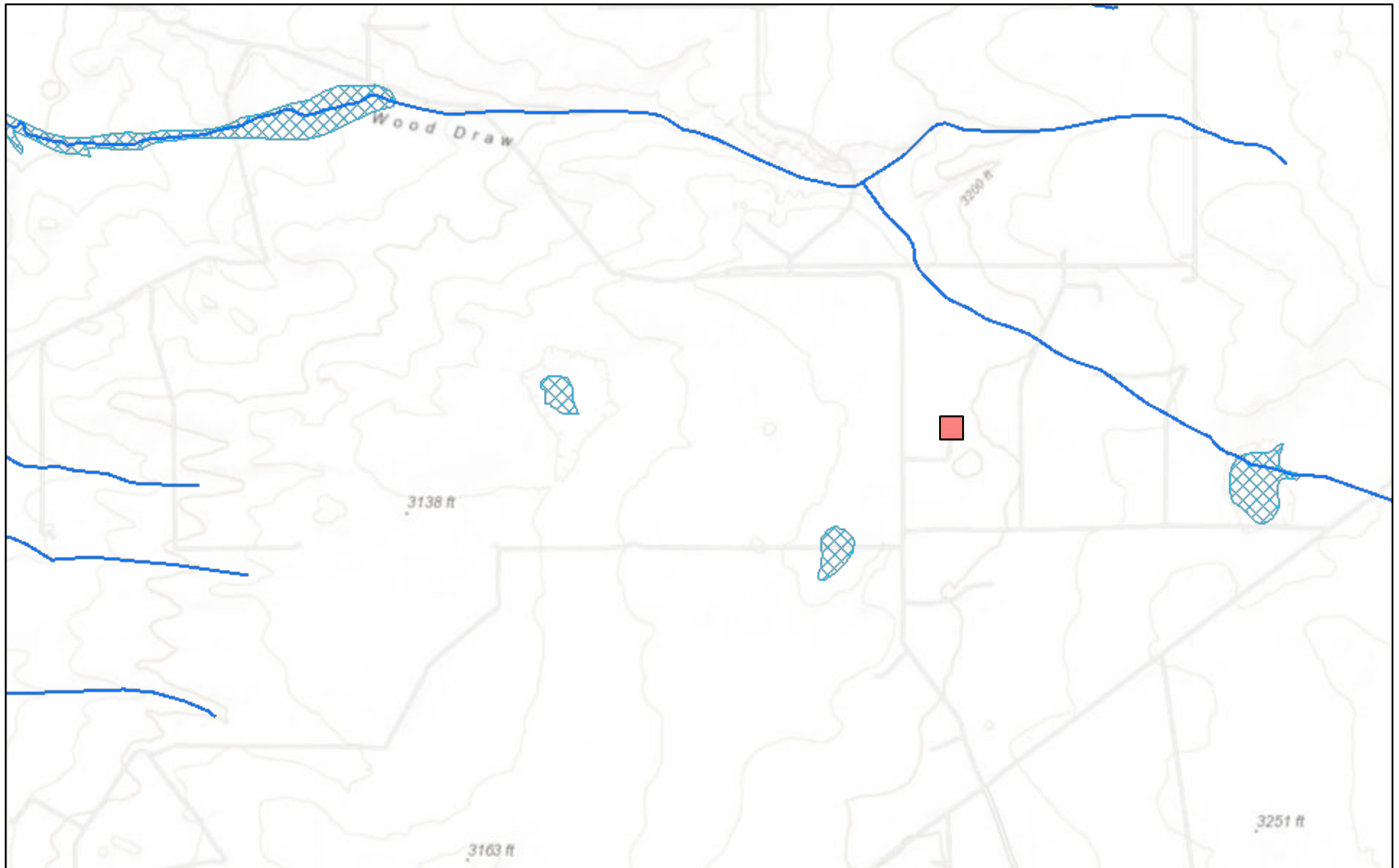
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Title: Groundwater for New Mexico: Water Levels
URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>

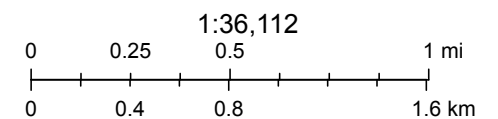


Page Contact Information: [New Mexico Water Data Maintainer](#)
Page Last Modified: 2022-05-08 19:06:00 EDT
0.33 0.3 nadww01

New Mexico NFHL Data



May 8, 2022



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

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APPENDIX E

CARMONA RESOURCES





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

A handwritten signature in black ink that reads "Jessica Kramer".

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

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

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

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

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Definitions/Glossary

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

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

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

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

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

Job ID: 880-14398-1

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)

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

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

Lab Sample ID: 880-14398-1

Date Collected: 05/03/22 00:00

Matrix: Solid

Date Received: 05/04/22 10:05

Method: 8021B - Volatile Organic Compounds (GC)

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 (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	7190		50.0		mg/Kg			05/09/22 11:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	100		50.0		mg/Kg		05/04/22 11:34	05/05/22 22:30	1
Diesel Range Organics (Over C10-C28)	5540		50.0		mg/Kg		05/04/22 11:34	05/05/22 22:30	1
Oil Range Organics (Over C28-C36)	1550		50.0		mg/Kg		05/04/22 11:34	05/05/22 22:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130	05/04/22 11:34	05/05/22 22:30	1
o-Terphenyl	120		70 - 130	05/04/22 11:34	05/05/22 22:30	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1630		25.0		mg/Kg			05/05/22 23:48	5

Client Sample ID: S-1 (6")

Lab Sample ID: 880-14398-2

Date Collected: 05/03/22 00:00

Matrix: Solid

Date Received: 05/04/22 10:05

Method: 8021B - Volatile Organic Compounds (GC)

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

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Client 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 (6")

Lab Sample ID: 880-14398-2

Date Collected: 05/03/22 00:00

Matrix: Solid

Date Received: 05/04/22 10:05

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/09/22 15:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2630		49.9		mg/Kg			05/09/22 11:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/04/22 11:34	05/05/22 22:51	1
Diesel Range Organics (Over C10-C28)	2300		49.9		mg/Kg		05/04/22 11:34	05/05/22 22:51	1
Oil Range Organics (Over C28-C36)	332		49.9		mg/Kg		05/04/22 11:34	05/05/22 22:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				05/04/22 11:34	05/05/22 22:51	1
o-Terphenyl	99		70 - 130				05/04/22 11:34	05/05/22 22:51	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	736		4.98		mg/Kg			05/05/22 23:55	1

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

Lab Sample ID: 880-14398-3

Date Collected: 05/03/22 00:00

Matrix: Solid

Date Received: 05/04/22 10:05

Method: 8021B - Volatile Organic Compounds (GC)

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 BTEX 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 Range Organics (DRO) (GC)

Analyte	Result	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 Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/04/22 11:34	05/05/22 23:12	1

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Client 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-2 (0-3")

Lab Sample ID: 880-14398-3

Date Collected: 05/03/22 00:00

Matrix: Solid

Date Received: 05/04/22 10:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	1980		49.9		mg/Kg		05/04/22 11:34	05/05/22 23:12	1
Oil Range Organics (Over C28-C36)	298		49.9		mg/Kg		05/04/22 11:34	05/05/22 23:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		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 Chromatography - 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 Sample ID: 880-14398-4

Date Collected: 05/03/22 00:00

Matrix: Solid

Date Received: 05/04/22 10:05

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	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 BTEX 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 Range Organics (DRO) (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 Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		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
Oil Range Organics (Over C28-C36)	463		50.0		mg/Kg		05/04/22 11:34	05/05/22 23:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				05/04/22 11:34	05/05/22 23:33	1
o-Terphenyl	109		70 - 130				05/04/22 11:34	05/05/22 23:33	1

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Client 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-2 (6")

Lab Sample ID: 880-14398-4

Date Collected: 05/03/22 00:00

Matrix: Solid

Date Received: 05/04/22 10:05

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1020		4.95		mg/Kg			05/06/22 00:20	1

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

Lab Sample ID: 880-14398-5

Date Collected: 05/03/22 00:00

Matrix: Solid

Date Received: 05/04/22 10:05

Method: 8021B - Volatile Organic Compounds (GC)

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 21:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:22	05/08/22 21:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:22	05/08/22 21:03	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/06/22 11:22	05/08/22 21:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:22	05/08/22 21:03	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/06/22 11:22	05/08/22 21:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	05/06/22 11:22	05/08/22 21:03	1
1,4-Difluorobenzene (Surr)	100		70 - 130	05/06/22 11:22	05/08/22 21:03	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			05/09/22 15:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/09/22 11:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/04/22 11:34	05/05/22 21:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/04/22 11:34	05/05/22 21:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/04/22 11:34	05/05/22 21:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130	05/04/22 11:34	05/05/22 21:28	1
o-Terphenyl	107		70 - 130	05/04/22 11:34	05/05/22 21:28	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	219		5.01		mg/Kg			05/06/22 00:26	1

Client Sample ID: S-3 (6")

Lab Sample ID: 880-14398-6

Date Collected: 05/03/22 00:00

Matrix: Solid

Date Received: 05/04/22 10:05

Method: 8021B - Volatile Organic Compounds (GC)

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

Eurofins Midland

Client 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-3 (6")

Lab Sample ID: 880-14398-6

Date Collected: 05/03/22 00:00

Matrix: Solid

Date Received: 05/04/22 10:05

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

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	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/06/22 11:22	05/08/22 21:23	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/06/22 11:22	05/08/22 21:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				05/06/22 11:22	05/08/22 21:23	1
1,4-Difluorobenzene (Surr)	101		70 - 130				05/06/22 11:22	05/08/22 21:23	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/09/22 15:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	249		49.9		mg/Kg			05/09/22 11:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/04/22 11:34	05/05/22 23:53	1
Diesel Range Organics (Over C10-C28)	74.8		49.9		mg/Kg		05/04/22 11:34	05/05/22 23:53	1
Oil Range Organics (Over C28-C36)	174		49.9		mg/Kg		05/04/22 11:34	05/05/22 23:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				05/04/22 11:34	05/05/22 23:53	1
o-Terphenyl	111		70 - 130				05/04/22 11:34	05/05/22 23:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	177		4.99		mg/Kg			05/06/22 00:33	1

Client Sample ID: S-4 (0-3")

Lab Sample ID: 880-14398-7

Date Collected: 05/03/22 00:00

Matrix: Solid

Date Received: 05/04/22 10:05

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/06/22 11:22	05/08/22 21:44	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/06/22 11:22	05/08/22 21:44	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/06/22 11:22	05/08/22 21:44	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/06/22 11:22	05/08/22 21:44	1
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
4-Bromofluorobenzene (Surr)	104		70 - 130				05/06/22 11:22	05/08/22 21:44	1
1,4-Difluorobenzene (Surr)	100		70 - 130				05/06/22 11:22	05/08/22 21:44	1

Method: Total BTEX - Total BTEX Calculation

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

Eurofins Midland

Client 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-4 (0-3")

Lab Sample ID: 880-14398-7

Date Collected: 05/03/22 00:00

Matrix: Solid

Date Received: 05/04/22 10:05

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

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 Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		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
Oil 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	1
o-Terphenyl	110		70 - 130				05/04/22 11:34	05/06/22 00:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	195		4.98		mg/Kg			05/06/22 00:39	1

Client Sample ID: S-4 (6")

Lab Sample ID: 880-14398-8

Date Collected: 05/03/22 00:00

Matrix: Solid

Date Received: 05/04/22 10:05

Method: 8021B - Volatile Organic Compounds (GC)

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 22:04	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		mg/Kg		05/06/22 11:22	05/08/22 22:04	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/06/22 11:22	05/08/22 22:04	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/06/22 11:22	05/08/22 22:04	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/06/22 11:22	05/08/22 22:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				05/06/22 11:22	05/08/22 22:04	1
1,4-Difluorobenzene (Surr)	98		70 - 130				05/06/22 11:22	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		mg/Kg			05/09/22 15:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/09/22 11:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/04/22 11:34	05/06/22 00:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/04/22 11:34	05/06/22 00:34	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/04/22 11:34	05/06/22 00:34	1

Eurofins Midland

Client 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-4 (6")

Lab Sample ID: 880-14398-8

Date Collected: 05/03/22 00:00

Matrix: Solid

Date Received: 05/04/22 10:05

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	05/04/22 11:34	05/06/22 00:34	1
o-Terphenyl	96		70 - 130	05/04/22 11:34	05/06/22 00:34	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	178		5.05		mg/Kg			05/06/22 00:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Client Sample ID: H-1 (0-6")

Lab Sample ID: 880-14398-9

Date Collected: 05/03/22 00:00

Matrix: Solid

Date Received: 05/04/22 10:05

Analyte	Result	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 22:24	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/06/22 11:22	05/08/22 22:24	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/06/22 11:22	05/08/22 22:24	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		05/06/22 11:22	05/08/22 22:24	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/06/22 11:22	05/08/22 22:24	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/06/22 11:22	05/08/22 22:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	05/06/22 11:22	05/08/22 22:24	1
1,4-Difluorobenzene (Surr)	102		70 - 130	05/06/22 11:22	05/08/22 22:24	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			05/09/22 15:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/09/22 11:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/04/22 11:34	05/06/22 00:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/04/22 11:34	05/06/22 00:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/04/22 11:34	05/06/22 00:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	05/04/22 11:34	05/06/22 00:55	1
o-Terphenyl	97		70 - 130	05/04/22 11:34	05/06/22 00:55	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14700		249		mg/Kg			05/06/22 00:52	50

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Client 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: H-2 (0-6")

Lab Sample ID: 880-14398-10

Date Collected: 05/03/22 00:00

Matrix: Solid

Date Received: 05/04/22 10:05

Method: 8021B - Volatile Organic Compounds (GC)

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 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 Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/09/22 11:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		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
Oil 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 Chromatography - Soluble

Analyte	Result	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 Sample ID: 880-14398-11

Date Collected: 05/03/22 00:00

Matrix: Solid

Date Received: 05/04/22 10:05

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/06/22 11:22	05/09/22 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		mg/Kg		05/06/22 11:22	05/09/22 00:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	05/06/22 11:22	05/09/22 00:35	1
1,4-Difluorobenzene (Surr)	96		70 - 130	05/06/22 11:22	05/09/22 00:35	1

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Client 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: H-3 (0-6")

Lab Sample ID: 880-14398-11

Date Collected: 05/03/22 00:00

Matrix: Solid

Date Received: 05/04/22 10:05

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/09/22 15:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	52.3		50.0		mg/Kg			05/09/22 11:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/04/22 11:34	05/06/22 01:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/04/22 11:34	05/06/22 01:56	1
Oil Range Organics (Over C28-C36)	52.3		50.0		mg/Kg		05/04/22 11:34	05/06/22 01:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				05/04/22 11:34	05/06/22 01:56	1
o-Terphenyl	116		70 - 130				05/04/22 11:34	05/06/22 01:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	177		5.01		mg/Kg			05/06/22 04:06	1

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

Lab Sample ID: 880-14398-12

Date Collected: 05/03/22 00:00

Matrix: Solid

Date Received: 05/04/22 10:05

Method: 8021B - Volatile Organic Compounds (GC)

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 BTEX Calculation

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 Range Organics (DRO) (GC)

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 (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/04/22 11:34	05/06/22 02:16	1

Eurofins Midland

Client 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: H-4 (0-6")

Lab Sample ID: 880-14398-12

Date Collected: 05/03/22 00:00

Matrix: Solid

Date Received: 05/04/22 10:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/04/22 11:34	05/06/22 02:16	1
Oil 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	114		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 Chromatography - 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 Sample ID: 880-14398-13

Date Collected: 05/03/22 00:00

Matrix: Solid

Date Received: 05/04/22 10:05

Method: 8021B - Volatile Organic Compounds (GC)

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

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/09/22 11:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/04/22 11:34	05/06/22 02:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/04/22 11:34	05/06/22 02:37	1
Oil 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	113		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 Chromatography - Soluble

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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Client 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: H-6 (0-6")

Lab Sample ID: 880-14398-14

Date Collected: 05/03/22 00:00

Matrix: Solid

Date Received: 05/04/22 10:05

Method: 8021B - Volatile Organic Compounds (GC)

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 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 (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/09/22 11:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/04/22 11:34	05/06/22 02:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/04/22 11:34	05/06/22 02:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/04/22 11:34	05/06/22 02:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130	05/04/22 11:34	05/06/22 02:57	1
o-Terphenyl	114		70 - 130	05/04/22 11:34	05/06/22 02:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	212		4.98		mg/Kg			05/06/22 04:44	1

Eurofins Midland

Surrogate Summary

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

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

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-14398-1	S-1 (0-3")	106	100
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
880-14398-6	S-3 (6")	109	101
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")	110	95
880-14398-14	H-6 (0-6")	112	96
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

Prep Type: Total/NA

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

Surrogate Legend

Eurofins Midland

Surrogate Summary

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

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

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

Method: 8021B - Volatile Organic Compounds (GC)

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

Matrix: Solid

Analysis Batch: 25052

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 24964

Analyte	MB Result	MB 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

Surrogate	MB %Recovery	MB 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

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 24964

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%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

Surrogate	LCS %Recovery	LCS Qualifier	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

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 24964

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%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

Surrogate	LCSD %Recovery	LCSD 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 Batch: 25052

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

Prep Type: Total/NA

Prep Batch: 24964

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%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

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

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

Lab Sample ID: 880-14398-1 MS

Matrix: Solid

Analysis Batch: 25052

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

Prep Type: Total/NA

Prep Batch: 24964

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%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

Surrogate	MS %Recovery	MS Qualifier	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

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

Prep Type: Total/NA

Prep Batch: 24964

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.0998	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
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
o-Xylene	<0.00200	U F1	0.0998	0.03610	F1	mg/Kg		36	70 - 130	6	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

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

Lab Sample ID: MB 880-24807/1-A

Matrix: Solid

Analysis Batch: 24860

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 24807

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/04/22 11:34	05/05/22 20:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/04/22 11:34	05/05/22 20:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/04/22 11:34	05/05/22 20:25	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130	05/04/22 11:34	05/05/22 20:25	1
o-Terphenyl	132	S1+	70 - 130	05/04/22 11:34	05/05/22 20:25	1

Lab Sample ID: LCS 880-24807/2-A

Matrix: Solid

Analysis Batch: 24860

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 24807

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

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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

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

Lab Sample ID: LCS 880-24807/2-A

Matrix: Solid

Analysis Batch: 24860

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 24807

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	114		70 - 130
o-Terphenyl	113		70 - 130

Lab Sample ID: LCSD 880-24807/3-A

Matrix: Solid

Analysis Batch: 24860

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 24807

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1023		mg/Kg		102	70 - 130	15	20
Diesel Range Organics (Over C10-C28)	1000	869.1		mg/Kg		87	70 - 130	12	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	106		70 - 130
o-Terphenyl	105		70 - 130

Lab Sample ID: 880-14398-5 MS

Matrix: Solid

Analysis Batch: 24860

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

Prep Type: Total/NA

Prep Batch: 24807

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	1224		mg/Kg		120	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	919.6		mg/Kg		92	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	101		70 - 130
o-Terphenyl	91		70 - 130

Lab Sample ID: 880-14398-5 MSD

Matrix: Solid

Analysis Batch: 24860

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

Prep Type: Total/NA

Prep Batch: 24807

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	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	Qualifier	Limits
1-Chlorooctane	106		70 - 130
o-Terphenyl	95		70 - 130

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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

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-24811/1-A

Matrix: Solid

Analysis Batch: 24864

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			05/06/22 01:36	1

Lab Sample ID: LCS 880-24811/2-A

Matrix: Solid

Analysis Batch: 24864

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	269.6		mg/Kg		108	90 - 110

Lab Sample ID: LCSD 880-24811/3-A

Matrix: Solid

Analysis Batch: 24864

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	249.1		mg/Kg		100	90 - 110	8	20

Lab Sample ID: 880-14399-A-1-B MS

Matrix: Solid

Analysis Batch: 24864

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	16.6		249	261.7		mg/Kg		98	90 - 110

Lab Sample ID: 880-14399-A-1-C MSD

Matrix: Solid

Analysis Batch: 24864

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	16.6		249	282.5		mg/Kg		107	90 - 110	8	20

Lab Sample ID: MB 880-24813/1-A

Matrix: Solid

Analysis Batch: 24867

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			05/05/22 21:42	1

Lab Sample ID: LCS 880-24813/2-A

Matrix: Solid

Analysis Batch: 24867

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	242.7		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-24813/3-A

Matrix: Solid

Analysis Batch: 24867

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	267.1		mg/Kg		107	90 - 110	10	20

Eurofins Midland

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

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-14397-A-1-C MS

Matrix: Solid

Analysis Batch: 24867

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	210	F1	250	457.3		mg/Kg		99	90 - 110		

Lab Sample ID: 880-14397-A-1-D MSD

Matrix: Solid

Analysis Batch: 24867

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	210	F1	250	423.7	F1	mg/Kg		85	90 - 110	8	20

Lab Sample ID: 880-14397-A-11-B MS

Matrix: Solid

Analysis Batch: 24867

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	3370	F1	1250	5171	F1	mg/Kg		144	90 - 110		

Lab Sample ID: 880-14397-A-11-C MSD

Matrix: Solid

Analysis Batch: 24867

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3370	F1	1250	4886	F1	mg/Kg		121	90 - 110	6	20

QC Association Summary

Client: Carmona Resources

Job ID: 880-14398-1

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

SDG: Eddy Co, NM

GC VOA

Prep Batch: 24964

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
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	
880-14398-9	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	Prep Type	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	Prep Type	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	

Eurofins Midland

QC Association Summary

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

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

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	Prep Type	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

QC Association Summary

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

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

GC Semi VOA (Continued)

Analysis Batch: 24860 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	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
880-14398-1	S-1 (0-3")	Total/NA	Solid	8015 NM	
880-14398-2	S-1 (6")	Total/NA	Solid	8015 NM	
880-14398-3	S-2 (0-3")	Total/NA	Solid	8015 NM	
880-14398-4	S-2 (6")	Total/NA	Solid	8015 NM	
880-14398-5	S-3 (0-3")	Total/NA	Solid	8015 NM	
880-14398-6	S-3 (6")	Total/NA	Solid	8015 NM	
880-14398-7	S-4 (0-3")	Total/NA	Solid	8015 NM	
880-14398-8	S-4 (6")	Total/NA	Solid	8015 NM	
880-14398-9	H-1 (0-6")	Total/NA	Solid	8015 NM	
880-14398-10	H-2 (0-6")	Total/NA	Solid	8015 NM	
880-14398-11	H-3 (0-6")	Total/NA	Solid	8015 NM	
880-14398-12	H-4 (0-6")	Total/NA	Solid	8015 NM	
880-14398-13	H-5 (0-6")	Total/NA	Solid	8015 NM	
880-14398-14	H-6 (0-6")	Total/NA	Solid	8015 NM	

HPLC/IC

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	Prep Type	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	

Eurofins Midland

QC Association Summary

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

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

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	Prep Type	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
880-14398-13	H-5 (0-6")	Soluble	Solid	300.0	24811
880-14398-14	H-6 (0-6")	Soluble	Solid	300.0	24811
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
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

Lab Chronicle

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")

Lab Sample ID: 880-14398-1

Date Collected: 05/03/22 00:00

Matrix: Solid

Date Received: 05/04/22 10:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	24964	05/06/22 11:22	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25052	05/08/22 19:41	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 22:30	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	24813	05/04/22 12:05	SC	XEN MID
Soluble	Analysis	300.0		5			24867	05/05/22 23:48	CH	XEN MID

Client Sample ID: S-1 (6")

Lab Sample ID: 880-14398-2

Date Collected: 05/03/22 00:00

Matrix: Solid

Date Received: 05/04/22 10:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	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	CH	XEN MID

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

Lab Sample ID: 880-14398-3

Date Collected: 05/03/22 00:00

Matrix: Solid

Date Received: 05/04/22 10:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	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	CH	XEN MID

Client Sample ID: S-2 (6")

Lab Sample ID: 880-14398-4

Date Collected: 05/03/22 00:00

Matrix: Solid

Date Received: 05/04/22 10:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	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

Lab Chronicle

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-2 (6")

Lab Sample ID: 880-14398-4

Date Collected: 05/03/22 00:00

Matrix: Solid

Date Received: 05/04/22 10:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			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	CH	XEN MID

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

Lab Sample ID: 880-14398-5

Date Collected: 05/03/22 00:00

Matrix: Solid

Date Received: 05/04/22 10:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	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")

Lab Sample ID: 880-14398-6

Date Collected: 05/03/22 00:00

Matrix: Solid

Date Received: 05/04/22 10:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	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	CH	XEN MID

Client Sample ID: S-4 (0-3")

Lab Sample ID: 880-14398-7

Date Collected: 05/03/22 00:00

Matrix: Solid

Date Received: 05/04/22 10:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	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

Lab Chronicle

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-4 (0-3")

Date Collected: 05/03/22 00:00

Date Received: 05/04/22 10:05

Lab Sample ID: 880-14398-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			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	CH	XEN MID

Client Sample ID: S-4 (6")

Date Collected: 05/03/22 00:00

Date Received: 05/04/22 10:05

Lab Sample ID: 880-14398-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	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	CH	XEN MID

Client Sample ID: H-1 (0-6")

Date Collected: 05/03/22 00:00

Date Received: 05/04/22 10:05

Lab Sample ID: 880-14398-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	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	CH	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

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	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	CH	XEN MID

Eurofins Midland

Lab Chronicle

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: H-3 (0-6")

Date Collected: 05/03/22 00:00

Date Received: 05/04/22 10:05

Lab Sample ID: 880-14398-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 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
Total/NA	Analysis	8015B NM		1			24860	05/06/22 01:56	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	24811	05/04/22 12:00	SC	XEN MID
Soluble	Analysis	300.0		1			24864	05/06/22 04:06	CH	XEN MID

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

Date Collected: 05/03/22 00:00

Date Received: 05/04/22 10:05

Lab Sample ID: 880-14398-12

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 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	CH	XEN MID

Client Sample ID: H-5 (0-6")

Date Collected: 05/03/22 00:00

Date Received: 05/04/22 10:05

Lab Sample ID: 880-14398-13

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	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	CH	XEN MID

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

Date Collected: 05/03/22 00:00

Date Received: 05/04/22 10:05

Lab Sample ID: 880-14398-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	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

Lab Chronicle

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

Lab Sample ID: 880-14398-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			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	CH	XEN MID

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

Accreditation/Certification Summary

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

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

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
300.0		Solid	Chloride
8015 NM		Solid	Total TPH
8015B NM	8015NM Prep	Solid	Diesel Range Organics (Over C10-C28)
8015B NM	8015NM Prep	Solid	Gasoline Range Organics (GRO)-C6-C10
8015B NM	8015NM Prep	Solid	Oil Range Organics (Over C28-C36)
8021B	5035	Solid	Benzene
8021B	5035	Solid	Ethylbenzene
8021B	5035	Solid	m-Xylene & p-Xylene
8021B	5035	Solid	o-Xylene
8021B	5035	Solid	Toluene
8021B	5035	Solid	Xylenes, Total
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: 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

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Eurofins Midland

Sample Summary

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

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

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

Work Order No: 14398

Page 1 of 2

Project Manager	Conner Moehring	Bill to (if different)	Jacqui Harris
Company Name	Carmona Resources	Company Name	COG
Address	310 W Wall St Ste 415	Address	15 W London Rd
City, State ZIP	Midland, TX 79701	City, State ZIP	Loving, NM 88256
Phone	432-813-6823	Email	jacqui.harris@conocophillips.com

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

Project Name	Red Sauce State Com 001H (03 13 22)	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number	1052	Due Date	72 Hrs														None NO	DI Water H ₂ O	
Project Location	Eddy Co, NM	TAT starts the day received by the lab, if received by 4:30pm															Cool Cool	MeOH Me	
Sampler's Name	CRM																HCL HC	HNO ₃ HN	
PO #																	H ₂ SO ₄ H ₂	NaOH Na	
SAMPLE RECEIPT		Temp Blank	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													H ₃ PO ₄ HP	
Received Intact	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID	-12															NaHSO ₄ NABIS	
Cooler Custody Seals	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor	.4															Na ₂ S ₂ O ₃ NaSO ₃	
Sample Custody Seals	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading	.2															Zn Acetate+NaOH Zn	
Total Containers		Corrected Temperature																NaOH+Ascorbic Acid SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	BTEX 8021B												TPH 8015M (GRO + DRO + MRO)												Chloride 300.0												HOLD												Sample Comments
S-1 (0-3")	5/3/2022		X		G	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																											
S-1 (6")	5/3/2022		X		G	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																											
S-2 (0-3")	5/3/2022		X		G	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																											
S-2 (6")	5/3/2022		X		G	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																											
S-3 (0-3")	5/3/2022		X		G	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																											
S-3 (6")	5/3/2022		X		G	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																											
S-4 (0-3")	5/3/2022		X		G	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																											
S-4 (6")	5/3/2022		X		G	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																											
H-1 (0-6")	5/3/2022		X		G	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																											
H-2 (0-6")	5/3/2022		X		G	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																											



Comments:

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
<i>Conner Moehring</i>	5/4/22 10:05	<i>Jacqui Harris</i>	

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Work Order No: 14398

Page 2 of 2

Project Manager	Conner Moehring	Bill to (if different)	Jacqui Harris
Company Name	Carmora Resources	Company Name	COG
Address	310 W Wall St Ste 415	Address	15 W London Rd
City, State ZIP	Midland, TX 79701	City, State ZIP	Loving, NM 88256
Phone	432-813-6823	Email	jacqui.harris@conceophillips.com

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

Project Name		Red Sauce State Com 001H (03 13 22)		Turn Around		ANALYSIS REQUEST												Preservative Codes	
Project Number	1052	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush														None NO	DI Water H ₂ O	
Project Location	Eddy Co. NM	Due Date	72 Hrs														Cool Cool	MeOH Me	
Sampler's Name	CRM	TAT starts the day received by the lab if received by 4 30pm														HCL. HC	HNO ₃ HN		
PO #:																H ₂ SO ₄ H ₂	NaOH Na		
SAMPLE RECEIPT		Temp Blank	Yes/No	Wet Ice.	Yes/No													H ₃ PO ₄ HP	
Received Intact:	Yes	No	Thermometer ID														NaHSO ₄ NABIS		
Cooler Custody Seals	Yes	No	Correction Factor														Na ₂ S ₂ O ₃ NaSO ₃		
Sample Custody Seals.	Yes	No	Temperature Reading														Zn Acetate+NaOH Zn		
Total Containers			Corrected Temperature														NaOH+Ascorbic Acid SAPC		
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters										Sample Comments	
H-3 (0-6")		5/3/2022		X		G	1	BTEX 8021B											
H-4 (0-6")		5/3/2022		X		G	1	TPH 8015M (GRO + DRO + MRO)											
H-5 (0-6")		5/3/2022		X		G	1	Chloride 300.0											
H-6 (0-6")		5/3/2022		X		G	1												

Loc: 880
14398

Comments:	
Relinquished by (Signature)	Date/Time
<i>Conner Moehring</i>	5/4/22 10:05
Received by (Signature)	Date/Time
<i>Jacqui Harris</i>	

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-14398-1

SDG Number: Eddy Co, NM

Login Number: 14398

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



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

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 www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 % 69.9-140

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2022	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 116 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 % 69.9-140

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2022	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/08/2022	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 BTX	<0.300	0.300	06/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/09/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.8 % 59.5-142

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Analytical Results For:

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		Analyzed 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 % 69.9-140

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2022	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

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Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/08/2022	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 BTX	<0.300	0.300	06/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/09/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 108 % 59.5-142

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Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 69.9-140

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2022	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

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Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/09/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 121 % 59.5-142

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Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/08/2022	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 BTX	<0.300	0.300	06/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/09/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.4 % 59.5-142

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Analytical Results For:

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-9 (1') (H222434-09)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/08/2022	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 BTX	<0.300	0.300	06/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/09/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.1 % 59.5-142

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Analytical Results For:

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-10 (1') (H222434-10)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/09/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.5 % 59.5-142

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Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/09/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/08/2022	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		Analyzed 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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/09/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 76.2 % 59.5-142

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Analytical Results For:

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)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/08/2022	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 BTX	<0.300	0.300	06/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/09/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.5 % 59.5-142

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Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/09/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.2 % 59.5-142

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Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/09/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.0 % 59.5-142

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Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/09/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 83.7 % 59.5-142

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Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/08/2022	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 BTX	<0.300	0.300	06/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/09/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.9 % 59.5-142

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Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/09/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 83.8 % 59.5-142

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Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/09/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 77.2 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/09/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.9 % 59.5-142

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Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/09/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 74.0 % 59.5-142

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Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/09/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 72.9 % 59.5-142

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Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/09/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 74.8 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
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 MIDLAND TX, 79701
 Fax To:

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/09/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 76.9 % 59.5-142

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Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/09/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 79.9 % 59.5-142

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Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/09/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 74.3 % 59.5-142

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Analytical Results For:

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 310 W WALL ST SUITE 415
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 Fax To:

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/09/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 77.7 % 59.5-142

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Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/09/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 74.8 % 59.5-142

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Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/08/2022	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/09/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 76.9 % 59.5-142

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Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/08/2022	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/09/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 72.1 % 59.5-142

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Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/08/2022	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 BTX	<0.300	0.300	06/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/09/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 72.0 % 59.5-142

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Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/08/2022	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/09/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 75.6 % 59.5-142

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Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/09/2022	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/09/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 72.6 % 59.5-142

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Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/08/2022	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/09/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 73.9 % 59.5-142

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Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/08/2022	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/09/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 70.9 % 59.5-142

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Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/08/2022	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/09/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 73.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/08/2022	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 BTX	<0.300	0.300	06/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/09/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 71.8 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
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 310 W WALL ST SUITE 415
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 Fax To:

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/09/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 80.8 % 59.5-142

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Analytical Results For:

CARMONA RESOURCES
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 310 W WALL ST SUITE 415
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 Fax To:

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/09/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.8 % 59.5-142

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Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/09/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 79.8 % 59.5-142

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Analytical Results For:

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 Fax To:

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/09/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.3 % 59.5-142

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Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/09/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 99.5 % 59.5-142

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Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	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 BTX	<0.300	0.300	06/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	06/09/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.6 % 59.5-142

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Analytical Results For:

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 Fax To:

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	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 BTX	<0.300	0.300	06/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2022	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.6 % 59.5-142

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/09/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

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Analytical Results For:

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 CONNER MOEHRING
 310 W WALL ST SUITE 415
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 Fax To:

Received: 06/08/2022
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 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/09/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.0 % 59.5-142

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 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/09/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.1 % 59.5-142

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 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	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 BTX	<0.300	0.300	06/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/09/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.4 % 59.5-142

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 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	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 BTX	<0.300	0.300	06/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/09/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 100 % 59.5-142

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 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	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 BTX	<0.300	0.300	06/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/09/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 112 % 59.5-142

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 310 W WALL ST SUITE 415
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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		Analyzed 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 % 69.9-140

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2022	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.9 % 59.5-142

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 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	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 BTX	<0.300	0.300	06/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/09/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 106 % 59.5-142

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 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	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 BTX	<0.300	0.300	06/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/09/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 109 % 59.5-142

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Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	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 % 69.9-140

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2022	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 124 % 59.5-142

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Analytical Results For:

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-55 (0.5') (H222434-55)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	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 BTX	<0.300	0.300	06/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/09/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 120 % 59.5-142

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Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	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 BTX	<0.300	0.300	06/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/09/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 111 % 59.5-142

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Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	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 BTX	<0.300	0.300	06/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/09/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 114 % 59.5-142

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Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/09/2022	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/09/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 106 % 59.5-142

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Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	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 BTX	<0.300	0.300	06/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/09/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 105 % 59.5-142

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Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/09/2022	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/09/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.5 % 59.5-142

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Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	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 BTX	<0.300	0.300	06/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/09/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 105 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	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 BTX	<0.300	0.300	06/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/09/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.3 % 59.5-142

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Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/09/2022	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/09/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 83.3 % 59.5-142

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Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/09/2022	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/09/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 118 % 59.5-142

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Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/09/2022	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/09/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.1 % 59.5-142

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Analytical Results For:

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		Analyzed 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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/09/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 115 % 59.5-142

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Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/09/2022	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/09/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 59.5-142

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Analytical Results For:

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		Analyzed 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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/09/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 111 % 59.5-142

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Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/09/2022	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 % 69.9-140

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2022	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 59.5-142

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Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/09/2022	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/09/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 121 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	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 BTX	<0.300	0.300	06/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/09/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 106 % 59.5-142

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Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/09/2022	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 % 69.9-140

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2022	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 119 % 59.5-142

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Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/09/2022	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 % 69.9-140

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		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/08/2022	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 115 % 59.5-142

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Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/09/2022	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 BTX	<0.300	0.300	06/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/09/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 116 % 59.5-142

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Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	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 BTX	<0.300	0.300	06/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/09/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 135 % 59.5-142

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Analytical Results For:

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

Received: 06/08/2022
 Reported: 06/09/2022
 Project Name: RED SAUCE STATE COM 001H
 Project Number: 1052 (03.13.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 06/08/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

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

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/09/2022	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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/09/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 130 % 59.5-142

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Analytical Results For:

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		Analyzed 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 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/09/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 % 66.9-136

Surrogate: 1-Chlorooctadecane 120 % 59.5-142

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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: 4222434

Page 1 of 8

Project Manager:	Conner Moehring	Bill to: (if different)	Jacqui Harris
Company Name:	Carmona Resources	Company Name:	COG
Address:	310 West Wall St. Ste. 415	Address:	15 W London Rd
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Loving, NM 88256
Phone:	432-813-6823	Email:	jacqui.harris@conocophillips.com
Work Order Comments			
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>			
State of Project: <input type="checkbox"/>			
Reporting Level: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>			
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: <input type="checkbox"/>			

Project Name:	Red Sauce State Com 001H (03.13.22)	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes						
Project Number:	1052	Due Date:	24 Hrs														None: NO	DI Water: H ₂ O					
Project Location:	Eddy Co, NM																Cool: Cool	MeOH: Me					
Sampler's Name:	CRM																HCL: HC	HNO ₃ : HN					
PO #:																	H ₂ SO ₄ : H ₂	NaOH: Na					
SAMPLE RECEIPT				Temp Blank:	Yes No	Yes No	Wet Ice:	Yes No													H ₃ PO ₄ : HP		
Received Intact:	Yes No	Thermometer ID:															NaHSO ₄ : NABIS						
Cooler Custody Seals:	Yes No N/A	Correction Factor:															Na ₂ S ₂ O ₃ : NaSO ₃						
Sample Custody Seals:	Yes No N/A	Temperature Reading:															Zn Acetate+NaOH: Zn						
Total Containers:		Corrected Temperature:															NaOH+Ascorbic Acid: SAPC						
Sample Identification				Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
01	CS-1 (1')	6/8/2022		X		C		1	X	X	X	X											
02	CS-2 (1')	6/8/2022		X		C		1	X	X	X	X											
03	CS-3 (1')	6/8/2022		X		C		1	X	X	X	X											
04	CS-4 (1')	6/8/2022		X		C		1	X	X	X	X											
05	CS-5 (1')	6/8/2022		X		C		1	X	X	X	X											
06	CS-6 (1')	6/8/2022		X		C		1	X	X	X	X											
07	CS-7 (1')	6/8/2022		X		C		1	X	X	X	X											
08	CS-8 (1')	6/8/2022		X		C		1	X	X	X	X											
09	CS-9 (1')	6/8/2022		X		C		1	X	X	X	X											
10	CS-10 (1')	6/8/2022		X		C		1	X	X	X	X											

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

Relinquished by: (Signature)		Date/Time	Received by: (Signature)	Date/Time
		6/8/22 15:00		

Work Order No.:

H222434

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ANALYSIS REQUEST										Preservative Codes				
Project Name:	Project Number:	Turn Around	Pres. Code											
Project Location	1052	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush									None: NO DI Water: H ₂ O			
Eddy Co. NM											Cool: Cool MeOH: Me			
Sampler's Name:	CRM	Due Date:	24Hrs								HCL: HC HNO ₃ : HN			
PO #:											H ₂ SO ₄ : H ₂ NaOH: Na			
SAMPLE RECEIPT			Temp Blank:	Yes No	Wet Ice:	Yes No	Parameters							
Received Intact:	Yes No	Thermometer ID:												
Cooler Custody Seals:	Yes No N/A	Correction Factor:												
Sample Custody Seals:	Yes No N/A	Temperature Reading:												
Total Containers:		Corrected Temperature:												
Sample Identification			Date	Time	Soil	Water	Grab/Comp	# of Cont	HOLD					
11	CS-11 (1')	6/8/2022			X		C	1				X	X	X
12	CS-12 (1')	6/8/2022			X		C	1				X	X	X
13	CS-13 (1')	6/8/2022			X		C	1				X	X	X
14	CS-14 (1')	6/8/2022			X		C	1				X	X	X
15	CS-15 (1')	6/8/2022			X		C	1				X	X	X
16	CS-16 (1')	6/8/2022			X		C	1				X	X	X
17	CS-17 (1')	6/8/2022			X		C	1				X	X	X
18	CS-18 (1')	6/8/2022			X		C	1				X	X	X
19	CS-19 (1')	6/8/2022			X		C	1				X	X	X
20	CS-20 (1')	6/8/2022			X		C	1	X	X	X			
Sample Comments										BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500 NaOH+Ascorbic Acid: SAPC				

Comments: [linlin to make valminda mcarmoha@carmonaresources.com](mailto:linlin@carmonaresources.com) and Conner Moehring Cmoehring@carmonaresources.com

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A222439

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Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

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

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

Chain of Custody

Work Order No: H222434

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Project Manager:	Comer Moehring	Bill to: (if different)	Jacqui Harris
Company Name:	Carmona Resources	Company Name:	COG
Address:	310 West Wall St. Ste. 415	Address:	15 W London Rd
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Loving, NM 88256
Phone:	432-813-6823	Email:	jacqui.harris@comconophillips.com

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

Project Name:	Red Sauce State Com 001H (03.13.22)	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes				
Project Number:	1052																None: NO	DI Water: H ₂ O			
Project Location:	Eddy Co, NM	Due Date:	24 Hrs														Cool: Cool	MeOH: Me			
Sampler's Name:	CRM																HCL: HC	HNO ₃ : HN			
PO #:																	H ₂ SO ₄ : H ₂	NaOH: Na			
SAMPLE RECEIPT		Temp Blank:	Yes No	Yes No	Wet Ice:	Yes No													H ₃ PO ₄ : HP		
Received Intact:	Yes No	Thermometer ID:																	NaHSO ₄ : NABIS		
Cooler Custody Seals:	Yes No N/A	Correction Factor:																	Na ₂ S ₂ O ₃ : NaSO ₃		
Sample Custody Seals:	Yes No N/A	Temperature Reading:																	Zn Acetate+NaOH: Zn		
Total Containers:		Corrected Temperature:																	NaOH+Ascorbic Acid: SAPC		
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
31	CS-31 (1)	6/8/2022		X		C	1	X	X	X	X										
32	CS-32 (1)	6/8/2022		X		C	1	X	X	X	X										
33	CS-33 (1)	6/8/2022		X		C	1	X	X	X	X										
34	CS-34 (1)	6/8/2022		X		C	1	X	X	X	X										
35	CS-35 (1)	6/8/2022		X		C	1	X	X	X	X										
36	CS-36 (1)	6/8/2022		X		C	1	X	X	X	X										
37	CS-37 (1)	6/8/2022		X		C	1	X	X	X	X										
38	CS-38 (1)	6/8/2022		X		C	1	X	X	X	X										
39	CS-39 (1)	6/8/2022		X		C	1	X	X	X	X										
40	CS-40 (1)	6/8/2022		X		C	1	X	X	X	X										

Comments: Email to Mike Carmona carmonaresources.com and Comer Moehring comer@carmonaresources.com

Relinquished by: (Signature)		Date/Time	Received by: (Signature)		Date/Time
		6/8/22 15:00			

Chain of Custody

Work Order No: H222434

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Project Manager:	Conner Moehring	Bill to: (if different)	Jacqui Harris
Company Name:	Carmona Resources	Company Name:	COG
Address:	310 West Wall St. Ste. 415	Address:	15 W London Rd
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Loving, NM 88256
Phone:	432-813-6823	Email:	jacqui.harris@conocophillips.com

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

Project Name:	Red Sauce State Com 001H (03.13.22)	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes						
Project Number:	1052																None: NO						
Project Location:	Eddy Co, NM	Due Date:	24 Hrs														Cool: Cool						
Sampler's Name:	CRM																HCL: HC						
PO #:																	H ₂ SO ₄ : H ₂						
SAMPLE RECEIPT	Temp Blank:	Yes	No	Wet Ice:	Yes	No	Parameters	BTEX 8021B												H ₃ PO ₄ : HP			
	Received Intact:	Yes	No	Thermometer ID:				TPH 8015M (GRO + DRO + MRO)												NaHSO ₄ : NABIS			
	Cooler Custody Seals:	Yes	No	Correction Factor:				Chloride 4500												Na ₂ S ₂ O ₃ : NaSO ₃			
	Sample Custody Seals:	Yes	No	Temperature Reading:																Zn Acetate+NaOH: Zn			
	Total Containers:			Corrected Temperature:																NaOH+Ascorbic Acid: SAPC			
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments				
41 CS-41 (1)	6/8/2022		X		C	1	X	X	X	X													
42 CS-42 (1)	6/8/2022		X		C	1	X	X	X	X													
43 CS-43 (1)	6/8/2022		X		C	1	X	X	X	X													
44 CS-44 (1)	6/8/2022		X		C	1	X	X	X	X													
45 CS-45 (1)	6/8/2022		X		C	1	X	X	X	X													
46 CS-46 (1)	6/8/2022		X		C	1	X	X	X	X													
47 CS-47 (1)	6/8/2022		X		C	1	X	X	X	X													
48 CS-48 (1)	6/8/2022		X		C	1	X	X	X	X													
49 CS-49 (1)	6/8/2022		X		C	1	X	X	X	X													
50 CS-50 (1)	6/8/2022		X		C	1	X	X	X	X													

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>[Signature]</i>	6/8/24/2022	<i>[Signature]</i>	

Chain of Custody

Work Order No: H222434

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Project Manager:	Conner Moehring	Bill to: (if different)	Jacqui Harris
Company Name:	Carmona Resources	Company Name:	COG
Address:	310 West Wall St. Ste. 415	Address:	15 W London Rd
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Loving, NM 88256
Phone:	432-813-6823	Email:	jacqui.harris@comconphillips.com

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

Project Name:	Red Sauce State Com 001H (03.13.22)	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes				
Project Number:	1052																None: NO	DI Water: H ₂ O			
Project Location:	Eddy Co, NM	Due Date:	24 Hrs														Cool: Cool	MeOH: Me			
Sampler's Name:	CRM																HCL: HC	HNO ₃ : HN			
PO #:																	H ₂ SO ₄ : H ₂	NaOH: Na			
SAMPLE RECEIPT		Temp Blank:	Yes No	Wet Ice:	(Yes) No													H ₃ PO ₄ : HP			
Received Intact:	Yes No	Thermometer ID:																NaHSO ₄ : NABIS			
Cooler Custody Seals:	Yes No N/A	Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Seals:	Yes No N/A	Temperature Reading:																Zn Acetate+NaOH: Zn			
Total Containers:		Corrected Temperature:																NaOH+Ascorbic Acid: SAPC			
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
51	CS-51 (1')	6/8/2022		X		C	1	X	X	X	X										
52	CS-52 (0.5')	6/8/2022		X		C	1	X	X	X	X										
53	CS-53 (0.5')	6/8/2022		X		C	1	X	X	X	X										
54	CS-54 (0.5')	6/8/2022		X		C	1	X	X	X	X										
55	CS-55 (0.5')	6/8/2022		X		C	1	X	X	X	X										
56	CS-56 (0.5')	6/8/2022		X		C	1	X	X	X	X										
57	CS-57 (0.5')	6/8/2022		X		C	1	X	X	X	X										
58	CS-58 (0.5')	6/8/2022		X		C	1	X	X	X	X										
59	CS-59 (0.5')	6/8/2022		X		C	1	X	X	X	X										
60	CS-60 (0.5')	6/8/2022		X		C	1	X	X	X	X										

Comments: Email to Mike Carmona carmonaresources.com and Conner Moehring cmoehring@carmonaresources.com

Relinquished by: (Signature)		Date/Time	Received by: (Signature)		Date/Time
		6/8/22 15:00			

Chain of Custody

Work Order No:

#222434



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Project Manager:	Conner Moehring	Bill to: (if different)	Jacqui Harris
Company Name:	Carmona Resources	Company Name:	COG
Address:	310 West Wall St. Ste. 415	Address:	15 W London Rd
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Loving,NM 88256
Phone:	432-813-6823	Email:	jacqui.harris@conocophillips.com

Work Order Comments Program: UST/PST <input type="checkbox"/> PRR <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/> State of Project: Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/> Deliverables: EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other:	
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[illegible]

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	6/8/12 15:00		

Work Order No:



A222434

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Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:		Red Sauce State Com 001H (03.13.22)		Turn Around		ANALYSIS REQUEST													Preservative Codes			
Project Number:	1052	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush														None: NO	DI Water: H ₂ O				
Project Location	Eddy Co, NM	Due Date:	24 Hrs														Cool: Cool	MeOH: Me				
Sampler's Name:	CRM														HCL: HC	HNO ₃ : HN						
PO #:															H ₂ SO ₄ : H ₂	NaOH: Na						
SAMPLE RECEIPT		Temp Blank:	Yes	No	Yes	No	Wet Ice:	Yes	No													
Received Intact:	Yes	No	Thermometer ID:														H ₃ PO ₄ : HP					
Cooler Custody Seals:	Yes	No	N/A	Correction Factor:														NaHSO ₄ : NABIS				
Sample Custody Seals:	Yes	No	N/A	Temperature Reading:														Na ₂ S ₂ O ₃ : NaSO ₃				
Total Containers:			Corrected Temperature:														NaOAc+NaOH: Zn					
																	NaOH+Ascorbic Acid: SAPC					
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters														
11	SW-3 (1')	6/8/2022		X		C	1	BTEx 8021B														
12	SW-4 (1')	6/8/2022		X		C	1	TPH 8015M (GRO + DRO + MRO)														
13	SW-5 (1')	6/8/2022		X		C	1	Chloride 4500														
14	SW-6 (0.5')	6/8/2022		X		C	1															
15	SW-7 (0.5')	6/8/2022		X		C	1															
16	SW-8 (0.5')	6/8/2022		X		C	1															
17	SW-9 (0.5')	6/8/2022		X		C	1															
								HOLD														
Sample Comments																						

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	6/12/12 15:00		

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.

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

- ☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☐ Description of remediation activities

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

Printed Name: _____ Title: _____

Signature:  Date: 7.6.22

email: _____ Telephone: _____

OCD Only

Received by: Robert Hamlet Date: 7/19/2022

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

Closure Approved by:  Date: 7/19/2022

Printed Name: Robert Hamlet 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

Action 123330

CONDITIONS

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

CONDITIONS

Created By	Condition	Condition Date
rhamlet	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