

Volume calculator

There was no volume calculator prepared when the spill occurred.



## SITE INFORMATION

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**Closure Report**  
**Corral Draw AQH Federal #2**  
**Eddy County, New Mexico**  
**Unit F Sec 13 T24S R29E**  
**32.219388°, -103.940270°**

**Incident ID: NKMW0735539280**  
**Crude Oil Release**  
**Point of Release: Equipment Failure**  
**Release Date: 06/08/06**  
**Volume Released: 12 Barrels of Crude Oil**  
**Volume Recovered: 5 Barrels of Crude Oil**

**CARMONA RESOURCES**



**Incident ID: NAB1509049752**  
**Crude Oil and Produced Water Release**  
**Point of Release: Pressure Gauge Failure on Pumping Unit**  
**Release Date: 03/14/15**  
**Volume Released: 5 Barrels of Crude Oil & 10 Barrels of Produced Water**  
**Volume Recovered: 4 Barrels of Crude Oil & 9 Barrels of Produced Water**

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

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

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October 13, 2023

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

**Re: Closure Report  
Corral Draw AQH Federal #2  
EOG Resources Inc.  
Incident #: NAB1509049752 & NKMW0735539280  
Site Location: Unit F Sec 13 T24S R29E  
(Lat 32.219388°, Long -103.940270°)  
Eddy County, New Mexico**

Mr. Bratcher:

On behalf of EOG Resources Inc. (EOG), Carmona Resources, LLC has prepared this letter to document site activities for the Corral Draw AQH Federal #2. The site is located at 32.219388°, -103.940270° within Unit F Sec 13 T24S R29E, in Eddy County, New Mexico (Figures 1 and 2).

### **1.0 Site Information and Background**

#### **NKMW0735539280**

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on June 8, 2006, due to equipment failure. It resulted in the release of approximately twelve (12) barrels of crude oil, with five (5) barrels of crude oil recovered. The initial C-141 form is attached in Appendix C.

#### **NAB1509049752**

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on March 14, 2015, due to a pressure gauge failure on the pumping unit. It resulted in the release of approximately five (5) barrels of crude oil and ten (10) barrels of produced water, with four (4) barrels of crude oil and nine (9) barrels of produced water recovered. The initial C-141 form is attached in Appendix C.

### **2.0 Site Characterization and Groundwater**

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water source is within a 0.50-mile radius of the location. The nearest identified well is approximately 1.71 miles northeast of the site in S08, T24S, R29E and was drilled in 1998. The well has a reported depth to groundwater of 168.08 feet below the ground surface (ft bgs). A copy of the associated Point of Diversion Summary report is attached in Appendix D.

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Midland, Texas 79701  
432.813.1992





### **3.0 NMAC Regulatory Criteria**

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

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

### **4.0 Site Assessment Activities**

#### **Trenching activities**

The pad was reclaimed prior to any site assessment. Trenching activities were conducted over the entire pad to evaluate all potential contamination.

On August 1, 2023, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of eight (8) trenches (T-1 through T-8) and six (6) horizontal samples (H-1 through H-6) were advanced to depths ranging from the surface to 10' bgs within and surrounding the release area to evaluate the vertical and horizontal extent. See Figure 3 for the soil sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Cardinal Laboratories in Hobbs, New Mexico. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 4500. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E. See Table 1 for the analytical results.

#### **Vertical Delineation**

No contamination was detected for the areas of T-4, T-5, T-7, and T-8. The areas of T-1, T-2, T-3 and T-6 displayed concentrations of TPH and chlorides above regulatory limits. All trench areas were vertically delineated except for T-3, which displayed chloride levels above regulatory limits at 9'. Refer to Table 1.

#### **Horizontal Delineation**

The areas of H-1 through H-6 were below the regulatory limits for benzene, total BTEX, TPH, and chloride concentrations. Refer to Table 1.

### **5.0 Remediation Activities**

Carmona Resources personnel were on site to oversee excavation activities, collect confirmation samples, document backfill, and document the reclamation and reseeding activities. Before collecting composite confirmation samples, the NMOCD division office was notified via email on September 19, 2023, per Subsection D of 19.15.29.12 NMAC. See Appendix C. A total of fifty-two (52) confirmation floor samples (CS-1 through CS-52) and twenty-three (23) sidewall samples (SW-1 through SW-23) were collected every 200 square feet to ensure the proper removal of the contaminated soils. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Cardinal Laboratories in Hobbs, New Mexico. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 4500. The laboratory reports, including analytical methods, results, and chain-



of-custody documents, are attached in Appendix E. The excavation depths and confirmation sample locations are shown in Figure 4.

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

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 2,540 cubic yards of material were excavated and transported offsite for proper disposal.

#### **6.0 Reclamation Activities**

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. The backfilled areas were seeded on October 9, 2023, to help aid the growth process. The appropriate pounds of pure live seed per acre were used. The seed mixture was spread by a seed drill and tractor. The seed mixture used was the BLM Seed Mixture 2. See attachments in Appendix F. See Figure 5 for the reclamation area.

#### **7.0 Conclusions**

Based on the assessment results and the analytical data, no further actions are required at the site. The final C-141 is attached, and EOG formally requests the 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**

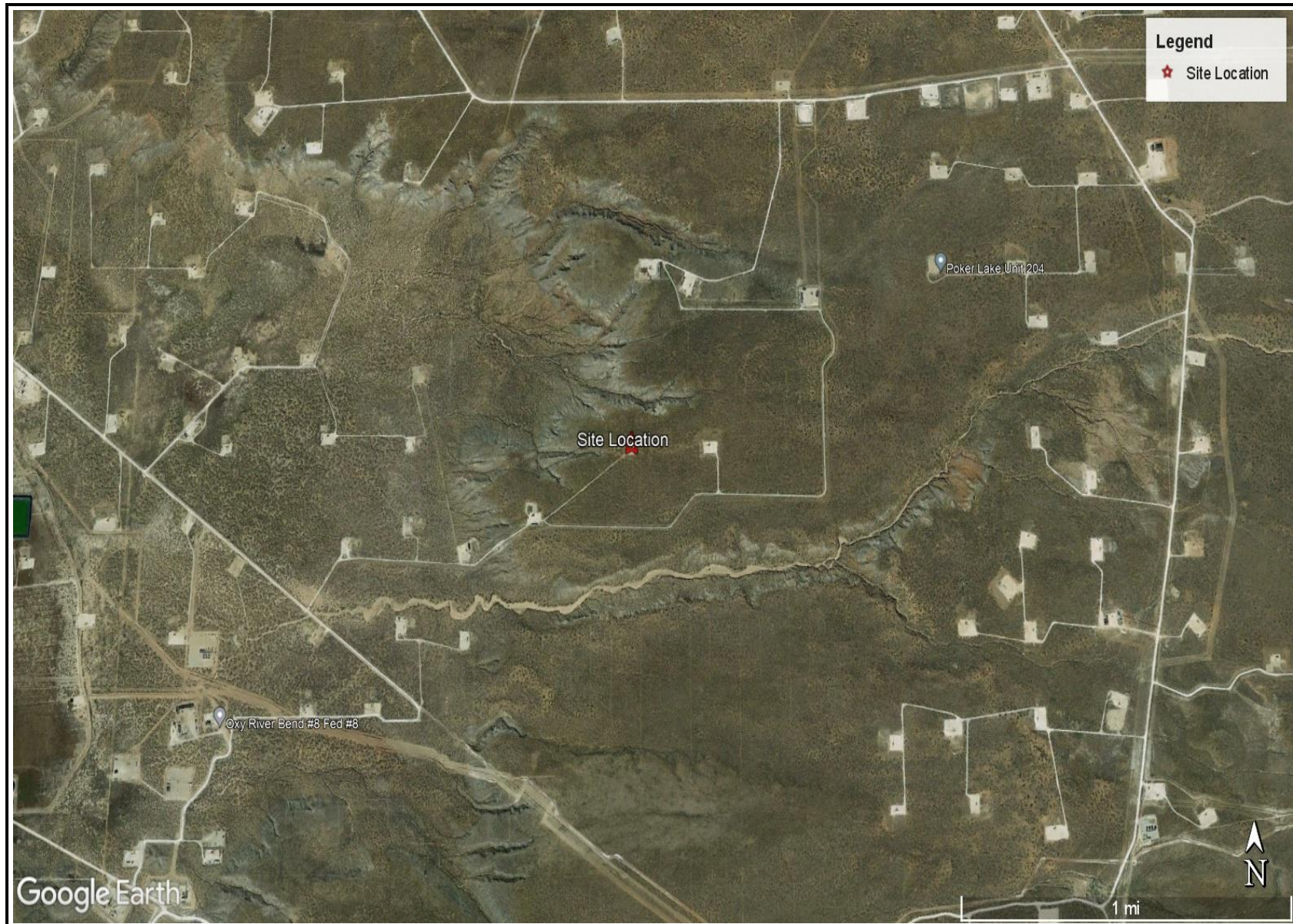
Mike Carmona  
Environmental Manager

Devin Dominguez  
Sr. Project Manager

## FIGURES

CARMONA RESOURCES





OVERVIEW MAP  
EOG RESOURCES  
CORRAL DRAW AQH FEDERAL #2  
EDDY COUNTY, NEW MEXICO  
32.219388°, -103.940270°



FIGURE 1





TOPOGRAPHIC MAP  
EOG RESOURCES  
CORRAL DRAW AQH FEDERAL #2  
EDDY COUNTY, NEW MEXICO  
32.219388°, -103.940270°



FIGURE 2



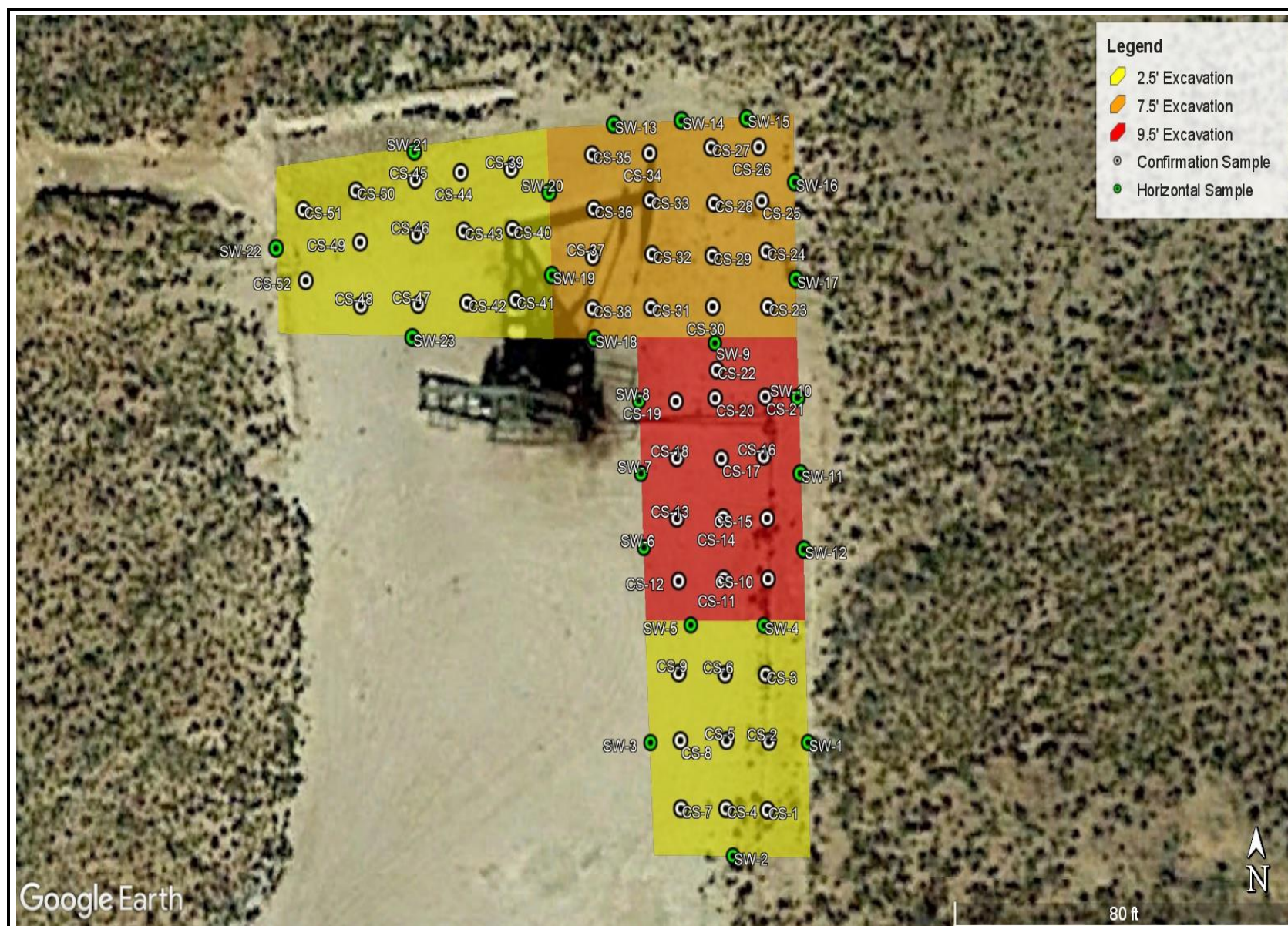


SAMPLE LOCATION MAP  
EOG RESOURCES  
CORRAL DRAW AQH FEDERAL #2  
EDDY COUNTY, NEW MEXICO  
32.219388°, -103.940270°



FIGURE 3



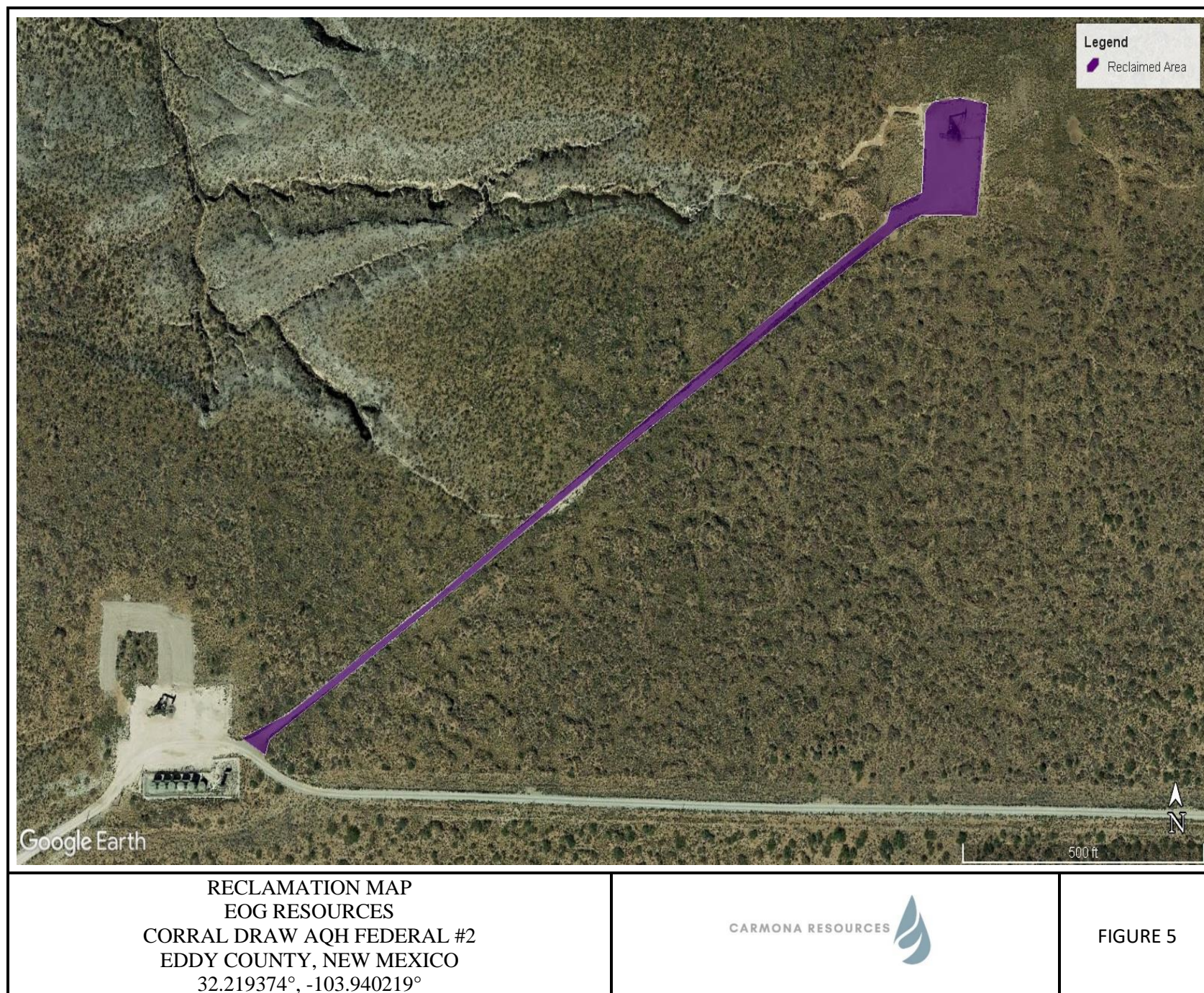


EXCAVATION DEPTH OVERVIEW MAP  
EOG RESOURCES  
CORRAL DRAW AQH FEDERAL #2  
EDDY COUNTY, NEW MEXICO  
32.219374°, -103.940219°



FIGURE 4







## APPENDIX A

CARMONA RESOURCES



**Table 1**  
**EOG Resources**  
**Corral Draw AQH Fed #002**  
**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						
T-1	8/1/2023	0-1	<10.0	25.7	12.9	38.6	<0.050	<0.050	<0.050	<0.150	<0.300	752
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	864
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	832
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
	"	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
T-2	8/1/2023	0-1	<10.0	31.4	22.7	54.1	<0.050	<0.050	<0.050	<0.150	<0.300	752
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,340
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,040
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,200
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	832
	"	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	624
	"	6.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	768
	"	7.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	752
	"	8.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	432
	"	9.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	544
	"	10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	384
T-3	8/1/2023	0-1	<10.0	36.6	<10.0	36.6	<0.050	<0.050	<0.050	<0.150	<0.300	304
	"	1.5	<10.0	70.9	20.4	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,100
	"	2.0	<10.0	99.2	47.7	146.9	<0.050	<0.050	<0.050	<0.150	<0.300	1,920
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,760
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,410
	"	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,160
	"	6.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,720
	"	7.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,040
	"	8.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	832
	"	9.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	608
T-4	8/1/2023	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	416
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
	"	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
Regulatory Criteria <sup>A</sup>							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

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

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(T) Trench Sample

Removed

**Table 1**  
**EOG Resources**  
**Corral Draw AQH Fed #002**  
**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						
T-5	8/1/2023	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	384
	"	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	400
T-6	8/1/2023	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
	"	1.5	<10.0	108	55	163	<0.050	<0.050	<0.050	<0.150	<0.300	576
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	608
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	384
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	400
	"	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
	"	6.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
T-7	8/1/2023	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
	"	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
T-8	8/1/2023	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	"	1.5	<10.0	17.7	<10.0	17.7	<0.050	<0.050	<0.050	<0.150	<0.300	288
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	400
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	"	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
Regulatory Criteria <sup>A</sup>							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

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

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(T) Trench Sample

Removed

**Table 1**  
**EOG Resources**  
**Corral Draw AQH Fed #002**  
**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						
H-1	8/1/2023	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-2	8/1/2023	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-3	8/1/2023	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-4	8/1/2023	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-5	8/1/2023	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-6	8/1/2023	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
<b>Regulatory Criteria<sup>A</sup></b>							<b>100 mg/kg</b>	<b>10 mg/kg</b>			<b>50 mg/kg</b>	<b>600 mg/kg</b>

(-) Not Analyzed

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

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(H) Horizontal Sample

**Table 2**  
**EOG Resources**  
**Corral Draw AQH Fed #002**  
**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						
CS-1	9/21/2023	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-2	9/21/2023	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-3	9/21/2023	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-4	9/21/2023	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-5	9/21/2023	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-6	9/21/2023	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-7	9/21/2023	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-8	9/21/2023	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-9	9/21/2023	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-10	9/22/2023	9.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-11	9/22/2023	9.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-12	9/22/2023	9.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-13	9/22/2023	9.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-14	9/22/2023	9.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-15	9/22/2023	9.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-16	9/22/2023	9.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-17	9/22/2023	9.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-18	9/22/2023	9.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-19	9/22/2023	9.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-20	9/22/2023	9.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
Regulatory Criteria <sup>A</sup>							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

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

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons  
ft-feet

(CS) Confirmation Sample

**Table 2**  
**EOG Resources**  
**Corral Draw AQH Fed #002**  
**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						
<b>CS-21</b>	9/22/2023	9.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
<b>CS-22</b>	9/22/2023	9.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
<b>CS-23</b>	9/26/2023	7.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
<b>CS-24</b>	9/26/2023	7.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
<b>CS-25</b>	9/26/2023	7.5	<10.0	10.1	<10.0	10.1	<0.050	<0.050	<0.050	<0.150	<0.300	112
<b>CS-26</b>	9/26/2023	7.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
<b>CS-27</b>	9/26/2023	7.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
<b>CS-28</b>	9/26/2023	7.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
<b>CS-29</b>	9/26/2023	7.5	<10.0	17.1	<10.0	17.1	<0.050	<0.050	<0.050	<0.150	<0.300	176
<b>CS-30</b>	9/26/2023	7.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
<b>CS-31</b>	9/26/2023	7.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
<b>CS-32</b>	9/26/2023	7.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
<b>CS-33</b>	9/26/2023	7.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
<b>CS-34</b>	9/26/2023	7.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
<b>CS-35</b>	9/26/2023	7.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
<b>CS-36</b>	9/26/2023	7.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
<b>CS-37</b>	9/26/2023	7.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
<b>CS-38</b>	9/26/2023	7.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
<b>CS-39</b>	9/27/2023	2.5	<10.0	17.0	<10.0	17.0	<0.050	<0.050	<0.050	<0.150	<0.300	592
<b>CS-40</b>	9/27/2023	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
<b>Regulatory Criteria<sup>A</sup></b>							<b>100 mg/kg</b>	<b>10 mg/kg</b>			<b>50 mg/kg</b>	<b>600 mg/kg</b>

(-) Not Analyzed

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

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

**Table 2**  
**EOG Resources**  
**Corral Draw AQH Fed #002**  
**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						
<b>CS-41</b>	9/27/2023	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	480
<b>CS-42</b>	9/27/2023	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	512
<b>CS-43</b>	9/27/2023	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
<b>CS-44</b>	9/27/2023	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
<b>CS-45</b>	9/27/2023	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	400
<b>CS-46</b>	9/27/2023	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
<b>CS-47</b>	9/27/2023	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
<b>CS-48</b>	9/27/2023	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
<b>CS-49</b>	9/27/2023	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
<b>CS-50</b>	9/27/2023	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
<b>CS-51</b>	9/27/2023	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
<b>CS-52</b>	9/27/2023	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	288
<b>Regulatory Criteria<sup>A</sup></b>							<b>100 mg/kg</b>	<b>10 mg/kg</b>			<b>50 mg/kg</b>	<b>600 mg/kg</b>

(-) Not Analyzed

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

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

**Table 2**  
**EOG Resources**  
**Corral Draw AQH Fed #002**  
**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						
SW-1	9/27/2023	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-2	9/27/2023	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-3	9/27/2023	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-4	9/27/2023	7.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-5	9/27/2023	7.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
SW-6	9/27/2023	9.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
SW-7	9/27/2023	9.5	<10.0	23.1	<10.0	23.1	<0.050	<0.050	<0.050	<0.150	<0.300	224
SW-8	9/27/2023	9.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
SW-9	9/27/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
SW-10	9/27/2023	9.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
SW-11	9/27/2023	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
SW-12	9/27/2023	9.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-13	9/27/2023	7.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
SW-14	9/27/2023	7.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-15	9/27/2023	7.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
SW-16	9/27/2023	7.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
SW-17	9/27/2023	7.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
SW-18	9/27/2023	7.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
SW-19	9/27/2023	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
SW-20	9/27/2023	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
SW-21	9/27/2023	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	512
SW-22	9/27/2023	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
SW-23	9/27/2023	2.5	<10.0	411	242	653	<0.050	<0.050	<0.050	<0.150	<0.300	176
	9/28/2023	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
Regulatory Criteria <sup>A</sup>							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

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

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons  
ft-feet

(SW) Sidewall Sample

Removed



## APPENDIX B

CARMONA RESOURCES



## PHOTOGRAPHIC LOG

## EOG Resources

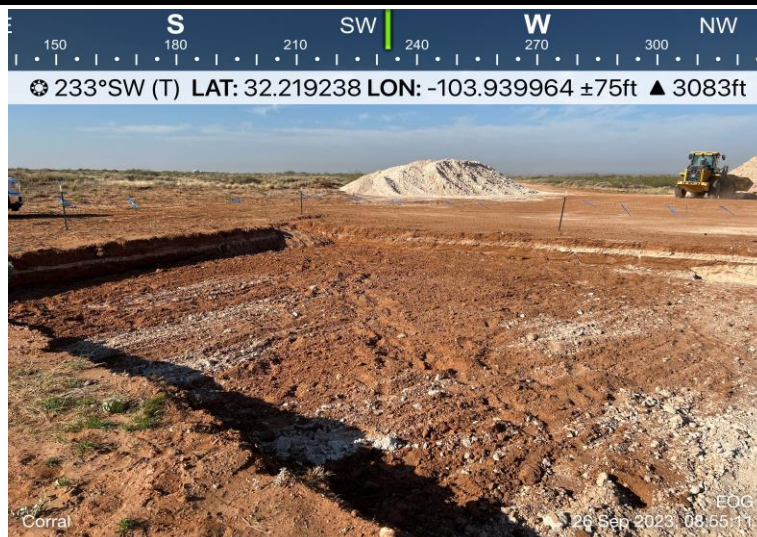
## Photograph No. 1

Facility: Corral Draw AQH Federal #2

County: Eddy County, New Mexico

## Description:

View Southwest, area of CS-1 through CS-9.



## Photograph No. 2

Facility: Corral Draw AQH Federal #2

County: Eddy County, New Mexico

## Description:

View North, area of CS-10 through CS-22.



## Photograph No. 3

Facility: Corral Draw AQH Federal #2

County: Eddy County, New Mexico

## Description:

View Northwest, area of CS-23 through CS-38.





# PHOTOGRAPHIC LOG

## EOG Resources

### Photograph No. 4

**Facility:** Corral Draw AQH Federal #2

**County:** Eddy County, New Mexico

**Description:**

View Southeast, area of CS-39 through CS-52.



### Photograph No. 5

**Facility:** Corral Draw AQH Federal #2

**County:** Eddy County, New Mexico

**Description:**

View North, backfilled excavation.



### Photograph No. 6

**Facility:** Corral Draw AQH Federal #2

**County:** Eddy County, New Mexico

**Description:**

View South of excavation in the process of being reseeded.





# PHOTOGRAPHIC LOG

## EOG Resources

### Photograph No. 7

**Facility:** Corral Draw AQH Federal #2

**County:** Eddy County, New Mexico

**Description:**

View Southwest of lease road in the process of being reseeded.



### Photograph No. 8

**Facility:** Corral Draw AQH Federal #2

**County:** Eddy County, New Mexico

**Description:**

View Southwest of excavation and pad in the process of being reseeded.



### Photograph No. 9

**Facility:** Corral Draw AQH Federal #2

**County:** Eddy County, New Mexico

**Description:**

View Southwest of seed mixture being staged for reseeded.





## APPENDIX C

CARMONA RESOURCES



OCD Permitting

Home    Searches    Incidents    Incident Details

NKMW0735539280 2006 MINOR A OS @ 30-015-34257

General Incident Information

Site Name:

Well: [\[30-015-34257\]](#) CORRAL DRAW AQH FEDERAL #002

Facility:

Operator: [\[6137\]](#) DEVON ENERGY PRODUCTION COMPANY, LP

Status: Closure Not Approved

Severity: Minor

Type: Oil Release

Surface Owner: Federal

District: Artesia

County: Eddy (15)

Incident Location: F-13-24S-29E    1980 FNL    1980 FWL

Lat/Long: 32.2194328,-103.9402542 NAD83

Directions:

Notes

Source of Referral: Environmental Reclamation Company

Action / Escalation:

Resulted In Fire: ☐

Will or Has Reached Watercourse: ☐

Endangered Public Health: ☐

Property Or Environmental Damage: ☐

Fresh Water Contamination: ☐

Contact Details

Contact Name:

Contact Title:

Event Dates

Date of Discovery: 06/08/2006

OCD Notified of Release:

Extension Date: 11/15/2018

Cancelled Date:

Initial C-141 Received:

Characterization Report Approved:

Characterization Report Received:

Remediation Plan Approved:

Remediation Plan Received:

Remediation Due:

Closure Report Received:

Closure Report Approved:

Compositional Analysis of Vented and/or Flared Natural Gas

No Compositional Analysis Found

Incidents Materials

Cause	Source	Material	Volume				Units
			Unk.	Released	Recovered	Lost	
Equipment Failure	Valve	Crude Oil	<input type="checkbox"/>	12	5	7	BBL

- Quic
- [Gene](#)
  - [Mater](#)
  - [Event](#)
  - [Order](#)
- Assoc
- Incide
  - [Well f](#)
- New
- [New I](#)
  - [New I](#)
  - [New I](#)
  - [New I](#)
  - [New I](#)
  - [New I](#)
  - [New I](#)

Incident Events

No events Found

Orders

2RP-48-0



Applicant: [\[25575\]](#) EOG Y RESOURCES, INC.  
Contact:  
Reviewer: Kimberly Wilson

Approved By:  
Issuing Office: Artesia

Processing Dates

Received: 09/20/2007  
Approved:  
Expiration:

Ordered:  
Denied:  
Cancelled:



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

## NM OIL CONSERVATION

ARTESIA DISTRICT

MAR 26 2015

Form C-141  
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in  
accordance with 19.15.29 NMAC.

RECEIVED

## Release Notification and Corrective Action

## OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Yates Petroleum Corporation	OGRID Number 25575	Contact Robert Asher
Address 104 S. 4 <sup>th</sup> Street	Telephone No. 575-748-1471	
Facility Name Corral Draw AQH Federal #2	Facility Type Battery	

Surface Owner Federal	Mineral Owner Federal	API No. 30-015-34257
--------------------------	--------------------------	-------------------------

## LOCATION OF RELEASE

Unit Letter F	Section 13	Township 24S	Range 29E	Feet from the 1980	North/South Line North	Feet from the 1980	East/West Line West	County Eddy
------------------	---------------	-----------------	--------------	-----------------------	---------------------------	-----------------------	------------------------	----------------

Latitude 32.21925 Longitude 103.93973

## NATURE OF RELEASE

Type of Release Crude Oil & Produced Water	Volume of Release 5 B/O & 10 B/PW	Volume Recovered 4 B/O & 9 B/PW
Source of Release Pressure gauge on pumping unit	Date and Hour of Occurrence 3/14/2015; AM	Date and Hour of Discovery 3/14/2015; AM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? N/A	
By Whom? N/A	Date and Hour N/A	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.\*

Describe Cause of Problem and Remedial Action Taken.\*

The top of the pressure gauge failed, causing the release. Vacuum truck(s) and roustabout crews were called.

Describe Area Affected and Cleanup Action Taken.\*

An approximate area of 25' X 20' (on well pad) and 50' X 5' (off of well pad). The valves were closed, the pressure gauge was replaced, and remaining released oil/produced water was recovered (4 B/O & 9 B/PW). Well pad impacted soils will be excavated/hauled to a NMOCD approved facility. Off pad impacted soils will be remediated in-place. Vertical and horizontal delineation samples will be taken and analysis ran for TPH & BTEX (chlorides for documentation). If initial analytical results for TPH & BTEX (chlorides for documentation) are under RRAL's (site ranking is 10) a Final Report, C-141 will be submitted to the NMOCD requesting closure. If the analytical results are above the RRAL's a work plan will be submitted to the NMOCD. Depth to Ground Water: >100' (approximately 125', per ChevronTexaco Trend Map), Wellhead Protection Area: No, Distance to Surface Water Body: >1000', SITE RANKING IS 0.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

## OIL CONSERVATION DIVISION

Signature:

Printed Name: Robert Asher

Approved by Environmental Specialist:

Title: NM Environmental Regulatory Supervisor

Approval Date: 3/31/15

Expiration Date: N/A

E-mail Address: boba@yatespetroleum.com

Conditions of Approval:

Attached ☐

Date: March 27, 2015

Phone: 575-748-4217

Remediation per O.C.D. Rules &amp; Guidelines

SUBMIT REMEDIATION PROPOSAL NO

LATER THAN: 4/31/15

2RP-2925

Form 3160-5  
(August 2007)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS***Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

5. Lease Serial No.

NM-88136

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on page 2.**

1. Type of Well

☐

Oil Well

☒

Gas Well

☐

Other

2. Name of Operator

Yates Petroleum Corporation

3a. Address

105 S. 4th Str., Artesia, NM 88210

3b. Phone No. (include area code)

575-748-1471

4. Location of Well (Footage, Sec., T., R., M., OR Survey Description)

1980' FNL &amp; 1980' FWL, Section 13, T24S-R29E

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Corral Draw AQH Federal #2

9. API Well No.

30-015-34257

10. Field and Pool or Exploratory Area

11. County or Parish, State

Eddy County, New Mexico

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Off location</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>release notification</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	<u>for Arch study.</u>

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

Yates Petroleum Corporation is notifying the BLM CFO of a release that left the NW corner of the well pad traveling to the SE. Yates is requesting that the impacted area is free from any archaeological materials.

When the impacted area is cleared, Yates will proceed with collect samples and inplace remediation. If analytical results are below NMOCDD RRAL's, closure will be requested.

With the soils being comprised mainly of sand, the excavated area will be recontured with surrounding material and allowed to re-vegetate naturally.

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Robert Asher

Title NM Environmental Regulatory Supervisor

Signature

Date March 27, 2015

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

**Patterson, Heather, EMNRD**

---

**From:** Tanna Adams <TCArms@yatespetroleum.com>  
**Sent:** Friday, March 27, 2015 9:32 AM  
**To:** Bratcher, Mike, EMNRD  
**Cc:** Patterson, Heather, EMNRD; Bob Asher; jamos@blm.gov  
**Subject:** Corral Draw AQH Federal #2  
**Attachments:** Corral Draw AQH Federal #2\_C141\_Initial\_031415.pdf; Corral Draw AQH Federal #2\_Sundry\_031415.pdf

Mr. Bratcher,

Please find attached the signed C141 Initial Report and Sundry Notice for the below listed location:

**Corral Draw AQH Federal #2**  
**30-015-34257**  
**Section 13, T24S-R29E**  
**1980 FNL & 1980 FWL**  
**Eddy County, New Mexico**

Thank you,

*Tanna Adams*

*Yates Petroleum Corporation*

*Environmental Tech*

*Environmental Department*

*TCArms@yatespetroleum.com*

---

**This message may contain confidential information and is intended for the named recipient only. If you are not the intended recipient you are notified that disclosing, copying, distributing or taking any action in reliance on the contents of this information is strictly prohibited. E-mail transmission cannot be guaranteed to be secure or error-free as information could be intercepted, corrupted, lost, destroyed, arrive late or incomplete, or contain viruses. The sender therefore does not accept liability for any errors or omissions in the contents of this message, which arise as a result of e-mail transmission. If verification is required please request a hard-copy version.**

---

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: _____	Date: _____
email: _____	Telephone: _____
<b><u>OCD Only</u></b>	
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 <b>not</b> on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input type="checkbox"/> No

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

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

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

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

State of New Mexico  
Oil Conservation Division

Page 4

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

Signature: James Kennedy Date: 10/13/23

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: James Kennedy Date: 10/13/23

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:** Rodgers, Scott, EMNRD  
**Sent:** Tuesday, September 19, 2023 3:15 PM  
**To:** Conner Moehring; Bratcher, Michael, EMNRD; Hall, Brittany, EMNRD; Maxwell, Ashley, EMNRD  
**Cc:** Mike Carmona; Devin Dominguez; James Kennedy  
**Subject:** RE: [EXTERNAL] EOG - Corral Draw AQH Federal #002 - Sampling Notification - nKMW0735539280 & nAB1509049752

The OCD has received your notification. Include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

**Scott Rodgers** • Environmental Specialist  
Environmental Bureau  
EMNRD - Oil Conservation Division  
8801 Horizon Blvd. NE, Suite 260 | Albuquerque, NM 87113  
505.469.1830 | [scott.rodgers@emnrd.nm.gov](mailto:scott.rodgers@emnrd.nm.gov)  
<http://www.emnrd.nm.gov/ocd>



---

**From:** Conner Moehring <[Cmoehring@carmonaresources.com](mailto:Cmoehring@carmonaresources.com)>  
**Sent:** Tuesday, September 19, 2023 2:01 PM  
**To:** Enviro, OCD, EMNRD <[OCD.Enviro@emnrd.nm.gov](mailto:OCD.Enviro@emnrd.nm.gov)>  
**Cc:** Mike Carmona <[Mcarmona@carmonaresources.com](mailto:Mcarmona@carmonaresources.com)>; Devin Dominguez <[Ddominguez@carmonaresources.com](mailto:Ddominguez@carmonaresources.com)>; James Kennedy <[James\\_Kennedy@eogresources.com](mailto:James_Kennedy@eogresources.com)>  
**Subject:** [EXTERNAL] EOG - Corral Draw AQH Federal #002 - Sampling Notification - nKMW0735539280 & nAB1509049752

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good Afternoon,

This email serves as a notification for confirmation sampling on the EOG Corral Draw AQH Federal #002. Sampling is scheduled to begin on Thursday, September 21<sup>st</sup>, around 3:30 p.m. Mountain Time. Carmona Resources personnel will be on-site to collect the confirmation samples.

Incident No. nKMW0735539280  
Incident No. nAB1509049752



Conner R. Moehring  
310 West Wall Street, Suite 500  
Midland Texas, 79701  
M: 432-813-6823  
[Cmoehring@carmonaresources.com](mailto:Cmoehring@carmonaresources.com)

CARMONA RESOURCES



## APPENDIX D

CARMONA RESOURCES



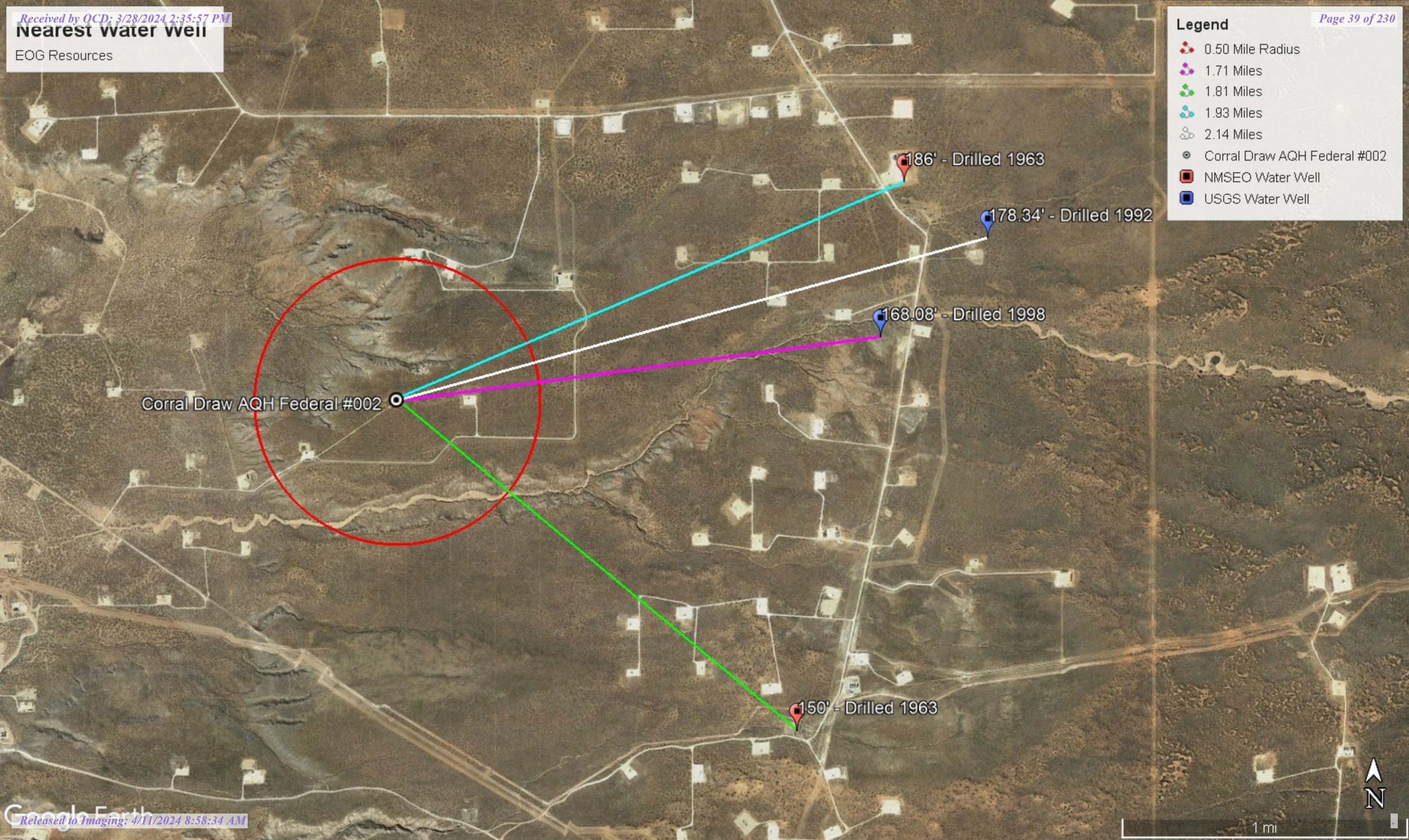


Nearest water well

EOG Resources

**Legend**

- 0.50 Mile Radius
- 1.71 Miles
- 1.81 Miles
- 1.93 Miles
- 2.14 Miles
- Corral Draw AQH Federal #002
- NMSEO Water Well
- USGS Water Well





**Low Karst**

EOG Resources

**Legend**

- Corral Draw AQH Federal #002
- Low
- Medium

Corral Draw AQH Federal #002



1 mi



# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

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

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
<a href="#">C 04676 POD1</a>	CUB	ED		1	2	2	19	24S	30E	602298	3564202	2646	120		
<a href="#">C 02109</a>	CUB	ED		1	2	4	19	24S	30E	602130	3563412	2912	130	150	-20
<a href="#">C 02108</a>	CUB	ED			1	3	08	24S	30E	602702	3566487*	3097	200	186	14
<a href="#">C 04526 POD1</a>	CUB	ED		4	1	4	06	24S	30E	601899	3568060	3473			
<a href="#">C 04481 POD8</a>	CUB	ED		1	3	4	03	24S	29E	596852	3567655	3859	125		
<a href="#">C 04481 POD7</a>	CUB	ED		2	4	3	03	14S	29E	596800	3567655	3899	110		
<a href="#">C 04481 POD2</a>	CUB	ED		1	3	4	03	24S	29E	596852	3567748	3918	120		
<a href="#">C 04481 POD6</a>	CUB	ED		2	4	3	03	24S	29E	596748	3567654	3940	120		
<a href="#">C 04481 POD4</a>	CUB	ED		2	4	3	03	24S	29E	596747	3567685	3959	150		
<a href="#">C 04481 POD1</a>	CUB	ED		1	3	4	03	24S	29E	596799	3567778	3978	135		
<a href="#">C 04481 POD3</a>	CUB	ED		2	4	3	03	24S	29E	596799	3567778	3978	120		
<a href="#">C 04481 POD5</a>	CUB	ED		2	4	3	03	24S	29E	596747	3567747	3998	120		

Average Depth to Water: **168 feet**

Minimum Depth: **150 feet**

Maximum Depth: **186 feet**

Record Count: 12

UTM NAD83 Radius Search (in meters):

**Easting (X):** 599865

**Northing (Y):** 3565244

**Radius:** 4000

\*UTM location was derived from PLSS - see Help

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

7/24/23 12:39 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

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- [Full News](#)

Groundwater levels for New Mexico

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Search Results -- 1 sites found

Agency code = usgs  
site\_no list =

- 321321103544101

Minimum number of levels = 1  
[Save file of selected sites](#) to local disk for future upload

USGS 321321103544101 24S.30E.18.22144

Eddy County, New Mexico  
Latitude 32°13'21", Longitude 103°54'41" NAD27  
Land-surface elevation 3,192 feet above NAVD88  
This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer.

Output formats

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>

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
1983-02-01			D	62610	3022.15	NGVD29	1		Z	
1983-02-01			D	62611	3023.80	NAVD88	1		Z	
1983-02-01			D	72019	168.20		1		Z	
1987-10-15			D	62610	3021.73	NGVD29	1		S	
1987-10-15			D	62611	3023.38	NAVD88	1		S	
1987-10-15			D	72019	168.62		1		S	
1992-11-04			D	62610	3022.03	NGVD29	1		S	
1992-11-04			D	62611	3023.68	NAVD88	1		S	
1992-11-04			D	72019	168.32		1		S	
1998-01-27			D	62610	3022.27	NGVD29	1		S	
1998-01-27			D	62611	3023.92	NAVD88	1		S	
1998-01-27			D	72019	168.08		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
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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[Accessibility](#)   [FOIA](#)   [Privacy](#)   [Policies and Notices](#)  
[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)  
**Title: Groundwater for New Mexico: Water Levels**  
**URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>**




Page Contact Information: [New Mexico Water Data Maintainer](#)  
Page Last Modified: 2023-07-24 14:54:44 EDT  
0.35 0.28 nadww02



# New Mexico Office of the State Engineer

## Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)						(NAD83 UTM in meters)	
		(quarters are smallest to largest)						X	Y
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng		
C	02109	1	2	4	19	24S	30E	602130	3563412 
<hr/>									
Driller License:		Driller Company:							
Driller Name:		UNKNOWN							
Drill Start Date:		Drill Finish Date:		12/31/1963		Plug Date:			
Log File Date:		PCW Rev Date:		Source:					
Pump Type:		Pipe Discharge Size:		Estimated Yield:				40 GPM	
Casing Size: 7.00		Depth Well:		130 feet		Depth Water:		150 feet	

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

7/24/23 12:39 PM


POINT OF DIVERSION SUMMARY





# New Mexico Office of the State Engineer

## Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)				(quarters are smallest to largest)				(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y		
C	02108	1	3	08	24S	30E	602702	3566487*			
<hr/>											
Driller License:		Driller Company:									
Driller Name:		UNKNOWN									
Drill Start Date:		Drill Finish Date:				12/31/1963		Plug Date:			
Log File Date:		PCW Rev Date:				Source:					
Pump Type:		Pipe Discharge Size:				Estimated Yield:				16 GPM	
Casing Size:		7.00				Depth Well:		200 feet		Depth Water: 186 feet	

\*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.

7/24/23 12:41 PM

POINT OF DIVERSION SUMMARY

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	? S
				Groundwater	New Mexico	GO	

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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 =

- 321339103541801

Minimum number of levels = 1  
[Save file of selected sites](#) to local disk for future upload

USGS 321339103541801 24S.30E.08.33222

Eddy County, New Mexico  
Latitude 32°13'39", Longitude 103°54'18" NAD27  
Land-surface elevation 3,207 feet above NAVD88  
The depth of the well is 192 feet below land surface.  
This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer.  
This well is completed in the Rustler Formation (312RSLR) local aquifer.

Output formats

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>

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
1959-03-23			D	62610	3029.31	NGVD29	1		Z	
1959-03-23			D	62611	3030.98	NAVD88	1		Z	
1959-03-23			D	72019	176.02		1		Z	
1976-12-01			D	62610	3026.78	NGVD29	1		Z	
1976-12-01			D	62611	3028.45	NAVD88	1		Z	
1976-12-01			D	72019	178.55		1		Z	
1983-02-01			D	62610	3026.70	NGVD29	1		Z	
1983-02-01			D	62611	3028.37	NAVD88	1		Z	
1983-02-01			D	72019	178.63		1		Z	
1987-10-15			D	62610	3026.98	NGVD29	P		S	
1987-10-15			D	62611	3028.65	NAVD88	P		S	
1987-10-15			D	72019	178.35		P		S	
1992-11-04			D	62610	3026.99	NGVD29	P		S	
1992-11-04			D	62611	3028.66	NAVD88	P		S	

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	? S
1992-11-04		D	72019	178.34		P	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
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.

[Questions or Comments](#)

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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?>

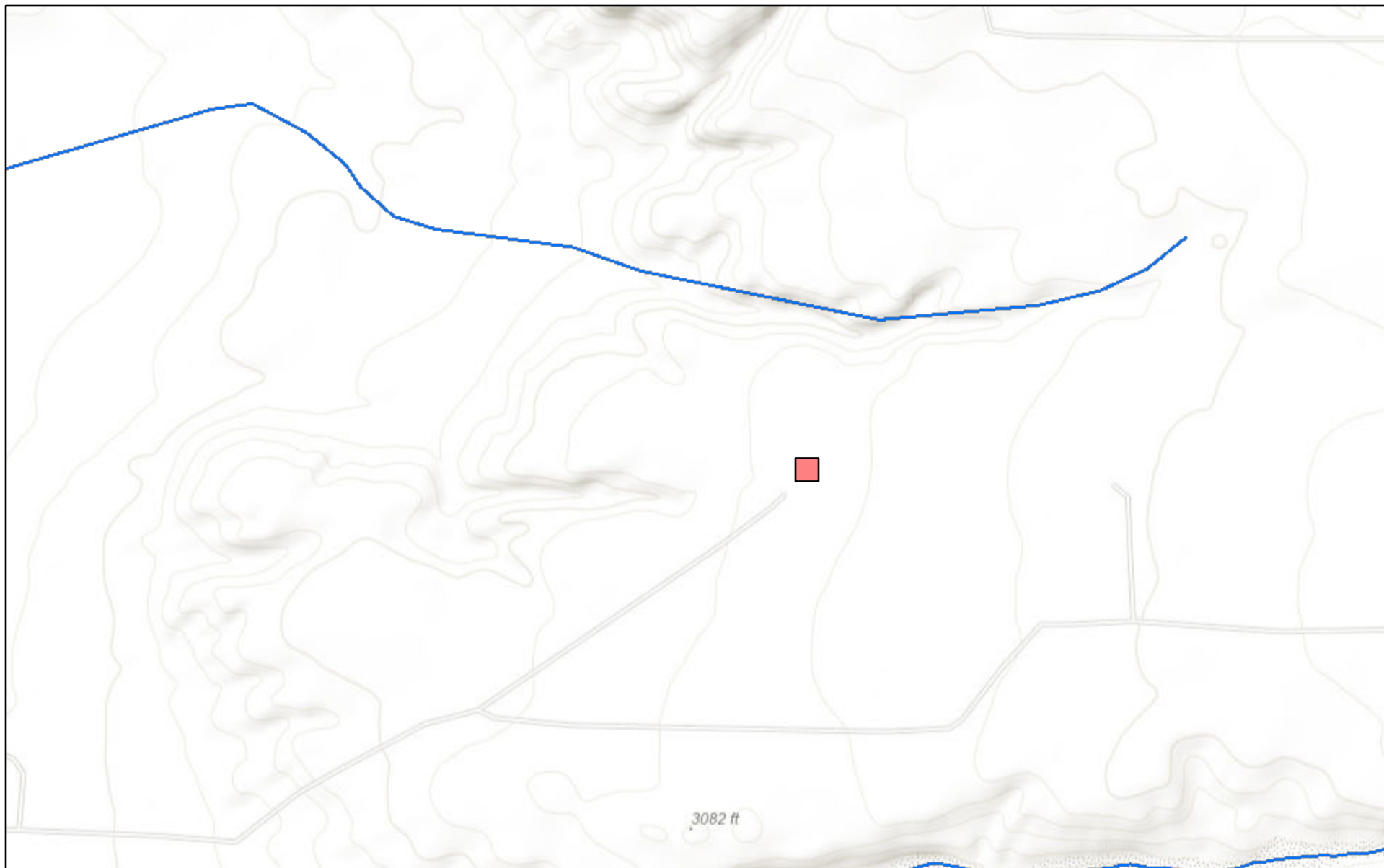


Page Contact Information: [New Mexico Water Data Maintainer](#)

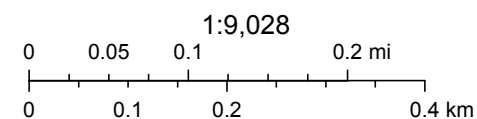
Page Last Modified: 2023-07-24 14:43:17 EDT

0.29 0.26 nadww01

# New Mexico NFHL Data



July 24, 2023



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

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

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



## APPENDIX E

CARMONA RESOURCES





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

August 08, 2023

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: CORRAL DRAW AQH FWD #002

Enclosed are the results of analyses for samples received by the laboratory on 08/03/23 8:18.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is fluid and cursive, with the first name "Celey" being more prominent.

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: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 1 (0-1') (H234107-01)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.17	109	2.00	0.550	
Toluene*	<0.050	0.050	08/05/2023	ND	2.10	105	2.00	1.73	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	2.06	103	2.00	0.413	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	6.18	103	6.00	0.653	
Total BTX	<0.300	0.300	08/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	752	16.0	08/04/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	184	91.9	200	3.87	
DRO >C10-C28*	25.7	10.0	08/04/2023	ND	195	97.5	200	5.17	
EXT DRO >C28-C36	12.9	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 124 % 48.2-134

Surrogate: 1-Chlorooctadecane 139 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 1 (1.5') (H234107-02)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/05/2023	ND	2.17	109	2.00	0.550		
Toluene*	<0.050	0.050	08/05/2023	ND	2.10	105	2.00	1.73		
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	2.06	103	2.00	0.413		
Total Xylenes*	<0.150	0.150	08/05/2023	ND	6.18	103	6.00	0.653		
Total BTEX	<0.300	0.300	08/05/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	864	16.0	08/04/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	184	91.9	200	3.87	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	195	97.5	200	5.17	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 126 % 48.2-134

Surrogate: 1-Chlorooctadecane 142 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 1 (2') (H234107-03)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/05/2023	ND	2.17	109	2.00	0.550		
Toluene*	<0.050	0.050	08/05/2023	ND	2.10	105	2.00	1.73		
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	2.06	103	2.00	0.413		
Total Xylenes*	<0.150	0.150	08/05/2023	ND	6.18	103	6.00	0.653		
Total BTEX	<0.300	0.300	08/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	832	16.0	08/04/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	184	91.9	200	3.87	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	195	97.5	200	5.17	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 134 % 48.2-134

Surrogate: 1-Chlorooctadecane 153 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 1 (3') (H234107-04)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.17	109	2.00	0.550	
Toluene*	<0.050	0.050	08/05/2023	ND	2.10	105	2.00	1.73	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	2.06	103	2.00	0.413	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	6.18	103	6.00	0.653	
Total BTEx	<0.300	0.300	08/05/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/04/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	184	91.9	200	3.87	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	195	97.5	200	5.17	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 130 % 48.2-134

Surrogate: 1-Chlorooctadecane 145 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 1 (4') (H234107-05)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/05/2023	ND	2.17	109	2.00	0.550		
Toluene*	<0.050	0.050	08/05/2023	ND	2.10	105	2.00	1.73		
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	2.06	103	2.00	0.413		
Total Xylenes*	<0.150	0.150	08/05/2023	ND	6.18	103	6.00	0.653		
Total BTEX	<0.300	0.300	08/05/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	08/04/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	184	91.9	200	3.87	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	195	97.5	200	5.17	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 135 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 1 (5') (H234107-06)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.17	109	2.00	0.550	
Toluene*	<0.050	0.050	08/05/2023	ND	2.10	105	2.00	1.73	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	2.06	103	2.00	0.413	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	6.18	103	6.00	0.653	
Total BTX	<0.300	0.300	08/05/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	08/04/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	184	91.9	200	3.87	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	195	97.5	200	5.17	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 136 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 2 (0-1') (H234107-07)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.17	109	2.00	0.550	
Toluene*	<0.050	0.050	08/05/2023	ND	2.10	105	2.00	1.73	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	2.06	103	2.00	0.413	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	6.18	103	6.00	0.653	
Total BTEX	<0.300	0.300	08/05/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	752	16.0	08/04/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	184	91.9	200	3.87	
DRO >C10-C28*	31.4	10.0	08/04/2023	ND	195	97.5	200	5.17	
EXT DRO >C28-C36	22.7	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 125 % 48.2-134

Surrogate: 1-Chlorooctadecane 140 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 2 (1.5') (H234107-08)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/05/2023	ND	2.17	109	2.00	0.550		
Toluene*	<0.050	0.050	08/05/2023	ND	2.10	105	2.00	1.73		
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	2.06	103	2.00	0.413		
Total Xylenes*	<0.150	0.150	08/05/2023	ND	6.18	103	6.00	0.653		
Total BTEX	<0.300	0.300	08/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1340	16.0	08/04/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	184	91.9	200	3.87	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	195	97.5	200	5.17	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 132 % 48.2-134

Surrogate: 1-Chlorooctadecane 149 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 2 (2') (H234107-09)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.17	109	2.00	0.550	
Toluene*	<0.050	0.050	08/05/2023	ND	2.10	105	2.00	1.73	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	2.06	103	2.00	0.413	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	6.18	103	6.00	0.653	
Total BTEX	<0.300	0.300	08/05/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2040	16.0	08/04/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	184	91.9	200	3.87	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	195	97.5	200	5.17	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 133 % 48.2-134

Surrogate: 1-Chlorooctadecane 148 % 49.1-148

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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 2 (3') (H234107-10)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/06/2023	ND	2.20	110	2.00	0.438		
Toluene*	<0.050	0.050	08/06/2023	ND	2.14	107	2.00	0.0655		
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.08	104	2.00	0.163		
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.32	105	6.00	0.859		
Total BTEX	<0.300	0.300	08/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1200	16.0	08/04/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	184	91.9	200	3.87	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	195	97.5	200	5.17	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 132 % 48.2-134

Surrogate: 1-Chlorooctadecane 150 % 49.1-148

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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 2 (4') (H234107-11)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.20	110	2.00	0.438	
Toluene*	<0.050	0.050	08/06/2023	ND	2.14	107	2.00	0.0655	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.08	104	2.00	0.163	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.32	105	6.00	0.859	
Total BTEX	<0.300	0.300	08/06/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	832	16.0	08/04/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	184	91.9	200	3.87	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	195	97.5	200	5.17	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 134 % 48.2-134

Surrogate: 1-Chlorooctadecane 150 % 49.1-148

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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 2 (5') (H234107-12)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/06/2023	ND	2.20	110	2.00	0.438		
Toluene*	<0.050	0.050	08/06/2023	ND	2.14	107	2.00	0.0655		
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.08	104	2.00	0.163		
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.32	105	6.00	0.859		
Total BTEX	<0.300	0.300	08/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	624	16.0	08/07/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	184	91.9	200	3.87	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	195	97.5	200	5.17	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 129 % 48.2-134

Surrogate: 1-Chlorooctadecane 142 % 49.1-148

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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 2 (6') (H234107-13)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.20	110	2.00	0.438	
Toluene*	<0.050	0.050	08/06/2023	ND	2.14	107	2.00	0.0655	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.08	104	2.00	0.163	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.32	105	6.00	0.859	
Total BTEX	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	768	16.0	08/07/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	184	91.9	200	3.87	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	195	97.5	200	5.17	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 2 (7') (H234107-14)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.20	110	2.00	0.438	
Toluene*	<0.050	0.050	08/06/2023	ND	2.14	107	2.00	0.0655	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.08	104	2.00	0.163	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.32	105	6.00	0.859	
Total BTEX	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	752	16.0	08/07/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	184	91.9	200	3.87	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	195	97.5	200	5.17	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 130 % 48.2-134

Surrogate: 1-Chlorooctadecane 145 % 49.1-148

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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 2 (8') (H234107-15)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.20	110	2.00	0.438	
Toluene*	<0.050	0.050	08/06/2023	ND	2.14	107	2.00	0.0655	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.08	104	2.00	0.163	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.32	105	6.00	0.859	
Total BTEx	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	432	16.0	08/07/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	174	87.0	200	19.3	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	199	99.4	200	18.4	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 96.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 2 (9') (H234107-16)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.20	110	2.00	0.438	
Toluene*	<0.050	0.050	08/06/2023	ND	2.14	107	2.00	0.0655	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.08	104	2.00	0.163	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.32	105	6.00	0.859	
Total BTEX	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	544	16.0	08/07/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	174	87.0	200	19.3	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	199	99.4	200	18.4	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 2 (10') (H234107-17)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/06/2023	ND	2.20	110	2.00	0.438		
Toluene*	<0.050	0.050	08/06/2023	ND	2.14	107	2.00	0.0655		
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.08	104	2.00	0.163		
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.32	105	6.00	0.859		
Total BTEX	<0.300	0.300	08/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	08/07/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	174	87.0	200	19.3	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	199	99.4	200	18.4	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 3 (0-1') (H234107-18)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/06/2023	ND	2.20	110	2.00	0.438		
Toluene*	<0.050	0.050	08/06/2023	ND	2.14	107	2.00	0.0655		
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.08	104	2.00	0.163		
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.32	105	6.00	0.859		
Total BTEX	<0.300	0.300	08/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	08/07/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	174	87.0	200	19.3	
DRO >C10-C28*	36.6	10.0	08/04/2023	ND	199	99.4	200	18.4	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 3 (1.5') (H234107-19)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/06/2023	ND	2.20	110	2.00	0.438		
Toluene*	<0.050	0.050	08/06/2023	ND	2.14	107	2.00	0.0655		
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.08	104	2.00	0.163		
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.32	105	6.00	0.859		
Total BTEx	<0.300	0.300	08/06/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1100	16.0	08/07/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	174	87.0	200	19.3	
DRO >C10-C28*	70.9	10.0	08/04/2023	ND	199	99.4	200	18.4	
EXT DRO >C28-C36	20.4	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 3 (2') (H234107-20)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/06/2023	ND	2.20	110	2.00	0.438		
Toluene*	<0.050	0.050	08/06/2023	ND	2.14	107	2.00	0.0655		
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.08	104	2.00	0.163		
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.32	105	6.00	0.859		
Total BTEX	<0.300	0.300	08/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1920	16.0	08/07/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	174	87.0	200	19.3	
DRO >C10-C28*	99.2	10.0	08/04/2023	ND	199	99.4	200	18.4	
EXT DRO >C28-C36	47.7	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 144 % 48.2-134

Surrogate: 1-Chlorooctadecane 167 % 49.1-148

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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 3 (3') (H234107-21)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.20	110	2.00	0.438	
Toluene*	<0.050	0.050	08/06/2023	ND	2.14	107	2.00	0.0655	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.08	104	2.00	0.163	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.32	105	6.00	0.859	
Total BTEx	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1760	16.0	08/07/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	174	87.0	200	19.3	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	199	99.4	200	18.4	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 138 % 49.1-148

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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 3 (4') (H234107-22)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.20	110	2.00	0.438	
Toluene*	<0.050	0.050	08/06/2023	ND	2.14	107	2.00	0.0655	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.08	104	2.00	0.163	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.32	105	6.00	0.859	
Total BTEX	<0.300	0.300	08/06/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1410	16.0	08/07/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	174	87.0	200	19.3	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	199	99.4	200	18.4	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 144 % 48.2-134

Surrogate: 1-Chlorooctadecane 170 % 49.1-148

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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 3 (5') (H234107-23)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.20	110	2.00	0.438	
Toluene*	<0.050	0.050	08/06/2023	ND	2.14	107	2.00	0.0655	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.08	104	2.00	0.163	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.32	105	6.00	0.859	
Total BTEx	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2160	16.0	08/07/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	174	87.0	200	19.3	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	199	99.4	200	18.4	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 147 % 48.2-134

Surrogate: 1-Chlorooctadecane 176 % 49.1-148

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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 3 (6') (H234107-24)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.20	110	2.00	0.438	
Toluene*	<0.050	0.050	08/06/2023	ND	2.14	107	2.00	0.0655	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.08	104	2.00	0.163	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.32	105	6.00	0.859	
Total BTEx	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1720	16.0	08/07/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	174	87.0	200	19.3	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	199	99.4	200	18.4	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 3 (7') (H234107-25)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.20	110	2.00	0.438	
Toluene*	<0.050	0.050	08/06/2023	ND	2.14	107	2.00	0.0655	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.08	104	2.00	0.163	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.32	105	6.00	0.859	
Total BTEX	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1040	16.0	08/07/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	174	87.0	200	19.3	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	199	99.4	200	18.4	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 3 (8') (H234107-26)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.20	110	2.00	0.438	
Toluene*	<0.050	0.050	08/06/2023	ND	2.14	107	2.00	0.0655	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.08	104	2.00	0.163	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.32	105	6.00	0.859	
Total BTEX	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	832	16.0	08/07/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	174	87.0	200	19.3	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	199	99.4	200	18.4	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 92.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 3 (9') (H234107-27)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.20	110	2.00	0.438	
Toluene*	<0.050	0.050	08/06/2023	ND	2.14	107	2.00	0.0655	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.08	104	2.00	0.163	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.32	105	6.00	0.859	
Total BTEX	<0.300	0.300	08/06/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	608	16.0	08/07/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	174	87.0	200	19.3	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	199	99.4	200	18.4	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 4 (0-1') (H234107-28)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/06/2023	ND	2.20	110	2.00	0.438		
Toluene*	<0.050	0.050	08/06/2023	ND	2.14	107	2.00	0.0655		
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.08	104	2.00	0.163		
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.32	105	6.00	0.859		
Total BTEX	<0.300	0.300	08/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/07/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	174	87.0	200	19.3	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	199	99.4	200	18.4	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 4 (1.5') (H234107-29)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/06/2023	ND	2.20	110	2.00	0.438		
Toluene*	<0.050	0.050	08/06/2023	ND	2.14	107	2.00	0.0655		
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.08	104	2.00	0.163		
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.32	105	6.00	0.859		
Total BTEx	<0.300	0.300	08/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	08/07/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	174	87.0	200	19.3	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	199	99.4	200	18.4	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 4 (2') (H234107-30)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.18	109	2.00	2.71	
Toluene*	<0.050	0.050	08/06/2023	ND	2.12	106	2.00	3.31	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.07	104	2.00	2.61	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.24	104	6.00	3.37	
Total BTEX	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	08/07/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	174	87.0	200	19.3	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	199	99.4	200	18.4	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 49.1-148

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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 4 (3') (H234107-31)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/06/2023	ND	2.18	109	2.00	2.71		
Toluene*	<0.050	0.050	08/06/2023	ND	2.12	106	2.00	3.31		
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.07	104	2.00	2.61		
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.24	104	6.00	3.37		
Total BTEx	<0.300	0.300	08/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	08/07/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	174	87.0	200	19.3	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	199	99.4	200	18.4	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 4 (4') (H234107-32)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/06/2023	ND	2.18	109	2.00	2.71		
Toluene*	<0.050	0.050	08/06/2023	ND	2.12	106	2.00	3.31		
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.07	104	2.00	2.61		
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.24	104	6.00	3.37		
Total BTEx	<0.300	0.300	08/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/07/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	174	87.0	200	19.3	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	199	99.4	200	18.4	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 4 (5') (H234107-33)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/06/2023	ND	2.18	109	2.00	2.71		
Toluene*	<0.050	0.050	08/06/2023	ND	2.12	106	2.00	3.31		
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.07	104	2.00	2.61		
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.24	104	6.00	3.37		
Total BTEx	<0.300	0.300	08/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	08/07/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	174	87.0	200	19.3	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	199	99.4	200	18.4	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 96.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 5 (0-1') (H234107-34)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.18	109	2.00	2.71	
Toluene*	<0.050	0.050	08/06/2023	ND	2.12	106	2.00	3.31	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.07	104	2.00	2.61	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.24	104	6.00	3.37	
Total BTEX	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/07/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	174	87.0	200	19.3	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	199	99.4	200	18.4	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 5 (1.5') (H234107-35)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/06/2023	ND	2.18	109	2.00	2.71		
Toluene*	<0.050	0.050	08/06/2023	ND	2.12	106	2.00	3.31		
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.07	104	2.00	2.61		
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.24	104	6.00	3.37		
Total BTEX	<0.300	0.300	08/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/07/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	172	85.8	200	7.15	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	163	81.6	200	8.95	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 83.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.6 % 49.1-148

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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 5 (2') (H234107-36)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.18	109	2.00	2.71	
Toluene*	<0.050	0.050	08/06/2023	ND	2.12	106	2.00	3.31	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.07	104	2.00	2.61	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.24	104	6.00	3.37	
Total BTEX	<0.300	0.300	08/06/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	08/07/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	170	84.8	200	3.71	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	181	90.3	200	6.61	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 130 % 48.2-134

Surrogate: 1-Chlorooctadecane 152 % 49.1-148

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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 5 (3') (H234107-37)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.18	109	2.00	2.71	
Toluene*	<0.050	0.050	08/06/2023	ND	2.12	106	2.00	3.31	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.07	104	2.00	2.61	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.24	104	6.00	3.37	
Total BTEX	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	08/07/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	170	84.8	200	3.71	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	181	90.3	200	6.61	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 5 (4') (H234107-38)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/06/2023	ND	2.18	109	2.00	2.71		
Toluene*	<0.050	0.050	08/06/2023	ND	2.12	106	2.00	3.31		
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.07	104	2.00	2.61		
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.24	104	6.00	3.37		
Total BTEx	<0.300	0.300	08/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	08/07/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	170	84.8	200	3.71	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	181	90.3	200	6.61	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 97.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 5 (5') (H234107-39)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/06/2023	ND	2.18	109	2.00	2.71		
Toluene*	<0.050	0.050	08/06/2023	ND	2.12	106	2.00	3.31		
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.07	104	2.00	2.61		
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.24	104	6.00	3.37		
Total BTEx	<0.300	0.300	08/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	08/07/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	180	90.1	200	3.61	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	196	98.2	200	9.87	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 94.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 6 (0-1') (H234107-40)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.18	109	2.00	2.71	
Toluene*	<0.050	0.050	08/06/2023	ND	2.12	106	2.00	3.31	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.07	104	2.00	2.61	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.24	104	6.00	3.37	
Total BTEX	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	08/07/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	180	90.1	200	3.61	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	196	98.2	200	9.87	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 6 (1.5') (H234107-41)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/06/2023	ND	2.18	109	2.00	2.71		
Toluene*	<0.050	0.050	08/06/2023	ND	2.12	106	2.00	3.31		
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.07	104	2.00	2.61		
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.24	104	6.00	3.37		
Total BTEX	<0.300	0.300	08/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	576	16.0	08/07/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	180	90.1	200	3.61	
DRO >C10-C28*	108	10.0	08/04/2023	ND	196	98.2	200	9.87	
EXT DRO >C28-C36	55.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 6 (2') (H234107-42)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/06/2023	ND	2.18	109	2.00	2.71		
Toluene*	<0.050	0.050	08/06/2023	ND	2.12	106	2.00	3.31		
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.07	104	2.00	2.61		
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.24	104	6.00	3.37		
Total BTEx	<0.300	0.300	08/06/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	608	16.0	08/07/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	180	90.1	200	3.61	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	196	98.2	200	9.87	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 6 (3') (H234107-43)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/06/2023	ND	2.18	109	2.00	2.71		
Toluene*	<0.050	0.050	08/06/2023	ND	2.12	106	2.00	3.31		
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.07	104	2.00	2.61		
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.24	104	6.00	3.37		
Total BTEx	<0.300	0.300	08/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	08/07/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	180	90.1	200	3.61	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	196	98.2	200	9.87	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 6 (4') (H234107-44)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/06/2023	ND	2.18	109	2.00	2.71		
Toluene*	<0.050	0.050	08/06/2023	ND	2.12	106	2.00	3.31		
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.07	104	2.00	2.61		
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.24	104	6.00	3.37		
Total BTEX	<0.300	0.300	08/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	08/07/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	180	90.1	200	3.61	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	196	98.2	200	9.87	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 6 (5') (H234107-45)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.18	109	2.00	2.71	
Toluene*	<0.050	0.050	08/06/2023	ND	2.12	106	2.00	3.31	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.07	104	2.00	2.61	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.24	104	6.00	3.37	
Total BTEX	<0.300	0.300	08/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	08/07/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	180	90.1	200	3.61	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	196	98.2	200	9.87	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 99.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 6 (6') (H234107-46)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/06/2023	ND	2.18	109	2.00	2.71		
Toluene*	<0.050	0.050	08/06/2023	ND	2.12	106	2.00	3.31		
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.07	104	2.00	2.61		
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.24	104	6.00	3.37		
Total BTEx	<0.300	0.300	08/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	08/07/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	180	90.1	200	3.61	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	196	98.2	200	9.87	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 88.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 7 (0-1') (H234107-47)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.18	109	2.00	2.71	
Toluene*	<0.050	0.050	08/06/2023	ND	2.12	106	2.00	3.31	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.07	104	2.00	2.61	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.24	104	6.00	3.37	
Total BTEX	<0.300	0.300	08/06/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	08/07/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	180	90.1	200	3.61	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	196	98.2	200	9.87	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 69.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.9 % 49.1-148

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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 7 (1.5') (H234107-48)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/06/2023	ND	2.18	109	2.00	2.71		
Toluene*	<0.050	0.050	08/06/2023	ND	2.12	106	2.00	3.31		
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.07	104	2.00	2.61		
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.24	104	6.00	3.37		
Total BTEX	<0.300	0.300	08/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	08/07/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	180	90.1	200	3.61	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	196	98.2	200	9.87	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 95.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 7 (2') (H234107-49)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2023	ND	2.18	109	2.00	2.71	
Toluene*	<0.050	0.050	08/06/2023	ND	2.12	106	2.00	3.31	
Ethylbenzene*	<0.050	0.050	08/06/2023	ND	2.07	104	2.00	2.61	
Total Xylenes*	<0.150	0.150	08/06/2023	ND	6.24	104	6.00	3.37	
Total BTEX	<0.300	0.300	08/06/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/07/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	180	90.1	200	3.61	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	196	98.2	200	9.87	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 99.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 7 (3') (H234107-50)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.16	108	2.00	1.15	
Toluene*	<0.050	0.050	08/05/2023	ND	2.10	105	2.00	1.28	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	2.04	102	2.00	1.12	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	6.17	103	6.00	0.745	
Total BTEX	<0.300	0.300	08/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/07/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	180	90.1	200	3.61	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	196	98.2	200	9.87	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 7 (4') (H234107-51)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/05/2023	ND	2.16	108	2.00	1.15		
Toluene*	<0.050	0.050	08/05/2023	ND	2.10	105	2.00	1.28		
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	2.04	102	2.00	1.12		
Total Xylenes*	<0.150	0.150	08/05/2023	ND	6.17	103	6.00	0.745		
Total BTEX	<0.300	0.300	08/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	08/07/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	180	90.1	200	3.61	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	196	98.2	200	9.87	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 94.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 7 (5') (H234107-52)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/05/2023	ND	2.16	108	2.00	1.15		
Toluene*	<0.050	0.050	08/05/2023	ND	2.10	105	2.00	1.28		
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	2.04	102	2.00	1.12		
Total Xylenes*	<0.150	0.150	08/05/2023	ND	6.17	103	6.00	0.745		
Total BTEx	<0.300	0.300	08/05/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	08/07/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	180	90.1	200	3.61	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	196	98.2	200	9.87	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 8 (0-1') (H234107-53)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/05/2023	ND	2.16	108	2.00	1.15		
Toluene*	<0.050	0.050	08/05/2023	ND	2.10	105	2.00	1.28		
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	2.04	102	2.00	1.12		
Total Xylenes*	<0.150	0.150	08/05/2023	ND	6.17	103	6.00	0.745		
Total BTEX	<0.300	0.300	08/05/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/07/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	180	90.1	200	3.61	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	196	98.2	200	9.87	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 8 (1.5') (H234107-54)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.16	108	2.00	1.15	
Toluene*	<0.050	0.050	08/05/2023	ND	2.10	105	2.00	1.28	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	2.04	102	2.00	1.12	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	6.17	103	6.00	0.745	
Total BTEX	<0.300	0.300	08/05/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	08/07/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	180	90.1	200	3.61	
DRO >C10-C28*	17.7	10.0	08/04/2023	ND	196	98.2	200	9.87	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 8 (2') (H234107-55)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/05/2023	ND	2.16	108	2.00	1.15		
Toluene*	<0.050	0.050	08/05/2023	ND	2.10	105	2.00	1.28		
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	2.04	102	2.00	1.12		
Total Xylenes*	<0.150	0.150	08/05/2023	ND	6.17	103	6.00	0.745		
Total BTEx	<0.300	0.300	08/05/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	08/07/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	180	90.1	200	3.61	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	196	98.2	200	9.87	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 85.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.3 % 49.1-148

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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 8 (3') (H234107-56)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.16	108	2.00	1.15	
Toluene*	<0.050	0.050	08/05/2023	ND	2.10	105	2.00	1.28	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	2.04	102	2.00	1.12	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	6.17	103	6.00	0.745	
Total BTX	<0.300	0.300	08/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/07/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	180	90.1	200	3.61	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	196	98.2	200	9.87	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 8 (4') (H234107-57)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/05/2023	ND	2.16	108	2.00	1.15		
Toluene*	<0.050	0.050	08/05/2023	ND	2.10	105	2.00	1.28		
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	2.04	102	2.00	1.12		
Total Xylenes*	<0.150	0.150	08/05/2023	ND	6.17	103	6.00	0.745		
Total BTEx	<0.300	0.300	08/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/07/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	180	90.1	200	3.61	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	196	98.2	200	9.87	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 88.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/08/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: T - 8 (5') (H234107-58)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.16	108	2.00	1.15	
Toluene*	<0.050	0.050	08/05/2023	ND	2.10	105	2.00	1.28	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	2.04	102	2.00	1.12	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	6.17	103	6.00	0.745	
Total BTEX	<0.300	0.300	08/05/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/07/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	180	90.1	200	3.61	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	196	98.2	200	9.87	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 86.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.9 % 49.1-148

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

---

### Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-04	The RPD for the BS/BSD was outside of historical limits.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

---

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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: A234107



Page 1 of 6

Project Manager:	Conner Moehring	Bill to: (if different)	James Kennedy
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	James_Kennedy@eogresources.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> 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"/> 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:	Corral Draw AQH Fwd #002	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Due Date:	72 Hours	Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number:	2100																		None: NO	DI Water: H <sub>2</sub> O
Project Location:	Eddy County, New Mexico																		Cool: Cool	MeOH: Me
Sampler's Name:	GPJ																		HCL: HC	HNO <sub>3</sub> : HN
PO #:																			H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	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 <sub>3</sub> PO <sub>4</sub> : HP	
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:																	NaHSO <sub>4</sub> : NABIS	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:																	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>	
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	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	
T-1 (0-1')	8/1/2023		X		G	1	X	X	X											
T-1 (1.5')	8/1/2023		X		G	1	X	X	X											
T-1 (2')	8/1/2023		X		G	1	X	X	X											
T-1 (3')	8/1/2023		X		G	1	X	X	X											
T-1 (4')	8/1/2023		X		G	1	X	X	X											
T-1 (5')	8/1/2023		X		G	1	X	X	X											
T-2 (0-1')	8/1/2023		X		G	1	X	X	X											
T-2 (1.5')	8/1/2023		X		G	1	X	X	X											
T-2 (2')	8/1/2023		X		G	1	X	X	X											
T-2 (3')	8/1/2023		X		G	1	X	X	X											

Comments: Email to Mike Carmona / Mccarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com and Devin Dominguez / Ddominguez@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	8-3-23 0818		



Chain of Custody

Work Order No: 4234107

Page 2 of 6



Project Manager:	Conner Moehring	Bill to: (if different)	James Kennedy
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	James.Kennedy@eogresources.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> 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"/> UST/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:	Corral Draw AQH Fwd #002	Turn Around		ANALYSIS REQUEST	Preservative Codes
Project Number:	2100	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush			
Project Location:	Eddy County, New Mexico	Due Date:	72 Hours		
Sampler's Name:	GPJ				
PO #:					
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	740		
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:			
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	-1.3°C		
Total Containers:		Corrected Temperature:			

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	BTEX 8021B	TPH 8015M ( GRO + DRO + MRO )	Chloride 4500	ANALYSIS REQUEST										Sample Comments				
T-2 (4)	8/1/2023		X		G	1	X	X	X															
T-2 (5)	8/1/2023		X		G	1	X	X	X															
T-2 (6)	8/1/2023		X		G	1	X	X	X															
T-2 (7)	8/1/2023		X		G	1	X	X	X															
T-2 (8)	8/1/2023		X		G	1	X	X	X															
T-2 (9)	8/1/2023		X		G	1	X	X	X															
T-2 (10)	8/1/2023		X		G	1	X	X	X															
T-3 (0-1)	8/1/2023		X		G	1	X	X	X															
T-3 (1.5)	8/1/2023		X		G	1	X	X	X															
T-3 (2)	8/1/2023		X		G	1	X	X	X															

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	8-3-23 0818		

Chain of Custody

Work Order No:

HA334107

Page 3 of 6

Project Manager:	Conner Moehring	Bill to: (if different)	James Kennedy
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	James.Kennedy@eogresources.com
<b>Work Order Comments</b>			
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Superfund <input type="checkbox"/>			
State of Project:			
Reporting Level I <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> UST/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:	Corral Draw AQH Fwd #002	Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number:	2100	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush		72 Hours													None: NO	DI Water: H <sub>2</sub> O	
Project Location:	Eddy County, New Mexico	Due Date:																Cool: Cool	MeOH: Me	
Sampler's Name:	GPJ																	HCL: HC	HNO <sub>3</sub> : HN	
PO #:		Wet Ice:															H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na		
SAMPLE RECEIPT	Temp Blank:	Yes	No	Thermometer ID:													H <sub>3</sub> PO <sub>4</sub> : HP			
Received Intact:	Yes	No	N/A	Correction Factor:													NaHSO <sub>4</sub> : NABIS			
Cooler Custody Seals:	Yes	No	N/A	Temperature Reading:													Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub>			
Sample Custody Seals:	Yes	No	N/A	Corrected Temperature:													Zn Acetate+NaOH: Zn			
Total Containers:																	NaOH+Ascorbic Acid: SAPC			
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
T-3 (3)	8/1/2023		X		G	1	X	X	X											
T-3 (4)	8/1/2023		X		G	1	X	X	X											
T-3 (5)	8/1/2023		X		G	1	X	X	X											
T-3 (6)	8/1/2023		X		G	1	X	X	X											
T-3 (7)	8/1/2023		X		G	1	X	X	X											
T-3 (8)	8/1/2023		X		G	1	X	X	X											
T-3 (9)	8/1/2023		X		G	1	X	X	X											
T-4 (0-1)	8/1/2023		X		G	1	X	X	X											
T-4 (1.5)	8/1/2023		X		G	1	X	X	X											
T-4 (2)	8/1/2023		X		G	1	X	X	X											

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	8-3-23 0818		



Chain of Custody

Work Order No: HA234107

Page 4 of 6

Project Manager:	Conner Moehring	Bill to: (if different)	James Kennedy
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	James_Kennedy@eogresources.com

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

Project Name:	Corral Draw AQH Fwd #002	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Due Date:	72 Hours	Pres. Code		ANALYSIS REQUEST										Preservative Codes	
Project Number:	2100																None: NO	DI Water: H <sub>2</sub> O	
Project Location:	Eddy County, New Mexico																Cool: Cool	MeOH: Me	
Sampler's Name:	GPI																HCL: HC	HNO <sub>3</sub> : HN	
PO #:																	H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	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 <sub>3</sub> PO <sub>4</sub> : HP	
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:																NaHSO <sub>4</sub> : NABIS	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Correction Factor:																Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>	
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	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	ANALYSIS REQUEST										Sample Comments
T-4 (3')	8/1/2023		X		G	1	X	X	X									
T-4 (4')	8/1/2023		X		G	1	X	X	X									
T-4 (5')	8/1/2023		X		G	1	X	X	X									
T-5 (0-1')	8/1/2023		X		G	1	X	X	X									
T-5 (1.5')	8/1/2023		X		G	1	X	X	X									
T-5 (2')	8/1/2023		X		G	1	X	X	X									
T-5 (3')	8/1/2023		X		G	1	X	X	X									
T-5 (4')	8/1/2023		X		G	1	X	X	X									
T-5 (5')	8/1/2023		X		G	1	X	X	X									
T-6 (0-1')	8/1/2023		X		G	1	X	X	X									

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com and Devin Dominguez / Ddominguez@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by (Signature)	Date/Time
	8-3-23 0818		

## Chain of Custody

Work Order No: 4234107



Page 5 of 6

Project Manager:	Conner Moehring	Bill to: (if different)	James Kennedy
Company Name:	Camrona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	432-813-6823	Email:	James_Kennedy@eogresources.com

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

Project Name:		Corral Draw AQH Fwd #002				Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:		2100				<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush																None: NO DI Water: H <sub>2</sub> O							
Project Location		Eddy County, New Mexico				Due Date:		72 Hours														Cool: Cool MeOH: Me HCL: HC HNO <sub>3</sub> : HN H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na							
Sampler's Name:		GPJ																H <sub>3</sub> PO <sub>4</sub> : HP NaHSO <sub>4</sub> : NABIS Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub> Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC											
PO #:																													
SAMPLE RECEIPT		Temp Blank:		Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>		Wet Ice:		Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>		Parameters																			
		Received In tact:		Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>		Thermometer ID:		146																					
		Cooler Custody Seals:		Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>		Correction Factor:		1.33																					
		Sample Custody Seals:		Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>		Temperature Reading:		-1.33																					
		Total Containers:				Corrected Temperature:		1.1																					
Sample Identification		Date		Time		Soil		Water		Grab/ Comp		# of Cont														Sample Comments			
T-6 (1.5')		8/1/2023				X				G		1		X X X X															
T-6 (2')		8/1/2023				X				G		1		X X X X															
T-6 (3')		8/1/2023				X				G		1		X X X X															
T-6 (4')		8/1/2023				X				G		1		X X X X															
T-6 (5')		8/1/2023				X				G		1		X X X X															
T-6 (6')		8/1/2023				X				G		1		X X X X															
T-7 (0-1')		8/1/2023				X				G		1		X X X X															
T-7 (1.5')		8/1/2023				X				G		1		X X X X															
T-7 (2')		8/1/2023				X				G		1		X X X X															
T-7 (3')		8/1/2023				X				G		1		X X X X															

Comments: Email to Mike Carmona / [Mccarmona@carmonaresources.com](mailto:Mccarmona@carmonaresources.com) and Conner Moehring / [Cmoehring@carmonaresources.com](mailto:Cmoehring@carmonaresources.com) and Devin Dominguez / [Ddominguez@carmonaresources.com](mailto:Ddominguez@carmonaresources.com)

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	8-3-23 0818		



Chain of Custody

Work Order No: A234107


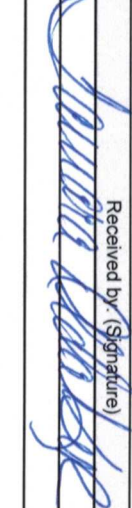
Project Manager:	Conner Moehring	Bill to: (if different)	James Kennedy
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	James.Kennedy@eogresources.com

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

Project Name:	Corral Draw AQH Fwd #002	Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number:	2100	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush														None: NO	DI Water: H <sub>2</sub> O		
Project Location:	Eddy County, New Mexico	Due Date:	72 Hours													Cool: Cool	MeOH: Me		
Sampler's Name:	GPJ															HCL: HC	HNO <sub>3</sub> : HN		
PO #:																H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	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 <sub>3</sub> PO <sub>4</sub> : HP	
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:																NaHSO <sub>4</sub> : NABIS	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:																Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>	
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:																Zn Acetate+NaOH: Zn	
Total Containers:		Corrected Temperature:																NaOH+Ascorbic Acid: SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	TPH										Sample Comments	
T-7 (4)	8/1/2023		X		G	1	X	X	X									
T-7 (5)	8/1/2023		X		G	1	X	X	X									
T-8 (0-1)	8/1/2023		X		G	1	X	X	X									
T-8 (1.5)	8/1/2023		X		G	1	X	X	X									
T-8 (2)	8/1/2023		X		G	1	X	X	X									
T-8 (3)	8/1/2023		X		G	1	X	X	X									
T-8 (4)	8/1/2023		X		G	1	X	X	X									
T-8 (5)	8/1/2023		X		G	1	X	X	X									

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	8-3-23 0818		



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

August 07, 2023

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: CORRAL DRAW AQH FWD #002

Enclosed are the results of analyses for samples received by the laboratory on 08/03/23 8:18.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/07/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 1 (0-0.5') (H234106-01)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.17	109	2.00	0.550	
Toluene*	<0.050	0.050	08/05/2023	ND	2.10	105	2.00	1.73	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	2.06	103	2.00	0.413	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	6.18	103	6.00	0.653	
Total BTX	<0.300	0.300	08/05/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/04/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	184	91.9	200	3.87	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	195	97.5	200	5.17	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 128 % 48.2-134

Surrogate: 1-Chlorooctadecane 141 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/07/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 2 (0-0.5') (H234106-02)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.17	109	2.00	0.550	
Toluene*	<0.050	0.050	08/05/2023	ND	2.10	105	2.00	1.73	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	2.06	103	2.00	0.413	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	6.18	103	6.00	0.653	
Total BTEx	<0.300	0.300	08/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/04/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	184	91.9	200	3.87	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	195	97.5	200	5.17	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 130 % 48.2-134

Surrogate: 1-Chlorooctadecane 145 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/07/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 3 (0-0.5') (H234106-03)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.17	109	2.00	0.550	
Toluene*	<0.050	0.050	08/05/2023	ND	2.10	105	2.00	1.73	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	2.06	103	2.00	0.413	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	6.18	103	6.00	0.653	
Total BTEX	<0.300	0.300	08/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/04/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	184	91.9	200	3.87	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	195	97.5	200	5.17	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 135 % 48.2-134

Surrogate: 1-Chlorooctadecane 148 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/07/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 4 (0-0.5') (H234106-04)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.17	109	2.00	0.550	
Toluene*	<0.050	0.050	08/05/2023	ND	2.10	105	2.00	1.73	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	2.06	103	2.00	0.413	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	6.18	103	6.00	0.653	
Total BTEX	<0.300	0.300	08/05/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/04/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	184	91.9	200	3.87	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	195	97.5	200	5.17	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 132 % 48.2-134

Surrogate: 1-Chlorooctadecane 149 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/07/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 5 (0-0.5') (H234106-05)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/05/2023	ND	2.17	109	2.00	0.550		
Toluene*	<0.050	0.050	08/05/2023	ND	2.10	105	2.00	1.73		
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	2.06	103	2.00	0.413		
Total Xylenes*	<0.150	0.150	08/05/2023	ND	6.18	103	6.00	0.653		
Total BTEX	<0.300	0.300	08/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/04/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	184	91.9	200	3.87	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	195	97.5	200	5.17	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 125 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/03/2023  
 Reported: 08/07/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 6 (0-0.5') (H234106-06)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2023	ND	2.17	109	2.00	0.550	
Toluene*	<0.050	0.050	08/05/2023	ND	2.10	105	2.00	1.73	
Ethylbenzene*	<0.050	0.050	08/05/2023	ND	2.06	103	2.00	0.413	
Total Xylenes*	<0.150	0.150	08/05/2023	ND	6.18	103	6.00	0.653	
Total BTX	<0.300	0.300	08/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/04/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/04/2023	ND	184	91.9	200	3.87	
DRO >C10-C28*	<10.0	10.0	08/04/2023	ND	195	97.5	200	5.17	
EXT DRO >C28-C36	<10.0	10.0	08/04/2023	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



---

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---

### 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:


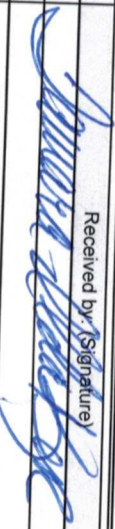
HA234106

Project Manager:	Conner Moehring	Bill to: (if different)	James Kennedy
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	James.Kennedy@eogresources.com
<b>Work Order Comments</b>			
Program: UST/PRP <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"/> UST/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:	Corral Draw AQH Fwd #002	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	
Project Number:	2100	Due Date:	72 Hours		
Project Location:	Eddy County, New Mexico				
Sampler's Name:	GPJ				
PO #:					
<b>SAMPLE RECEIPT</b>					
Received Intact:	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Thermometer ID:	Correction Factor:		
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:			
Total Containers:		Corrected Temperature:			

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST	Preservative Codes	Sample Comments
H-1 (0-0.5')	8/1/2023		X		G	1	BTEX 8021B		None: NO	
H-2 (0-0.5')	8/1/2023		X		G	1	TPH 8015M ( GRO + DRO + MRO)		DI Water: H <sub>2</sub> O	
H-3 (0-0.5')	8/1/2023		X		G	1	Chloride 4500		Cool: Cool	
H-4 (0-0.5')	8/1/2023		X		G	1			HCL: HC	
H-5 (0-0.5')	8/1/2023		X		G	1			H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	
H-6 (0-0.5')	8/1/2023		X		G	1			H <sub>3</sub> PO <sub>4</sub> : HP	
									NaHSO <sub>4</sub> : NABIS	
									Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub>	
									Zn Acetate+NaOH: Zn	
									NaOH+Ascorbic Acid: SAPC	

Comments: Email to Mike Carmona / Mcamona@cammonaresources.com and Conner Moehring / Cmoehring@cammonaresources.com and Devin Dominguez / Ddominguez@cammonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	8-3-23 0818		



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

September 28, 2023

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: CORRAL DRAW AQH FWD #002

Enclosed are the results of analyses for samples received by the laboratory on 09/27/23 16:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 1 (2.5') (H235274-01)**

BTX 8021B			mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/27/2023	ND	1.84	92.0	2.00	1.07		
Toluene*	<0.050	0.050	09/27/2023	ND	1.92	96.0	2.00	0.841		
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	1.94	96.8	2.00	1.10		
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.87	97.9	6.00	2.10		
Total BTX	<0.300	0.300	09/27/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	09/28/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	195	97.3	200	0.595	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	197	98.6	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 98.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 2 (2.5') (H235274-02)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/27/2023	ND	1.84	92.0	2.00	1.07		
Toluene*	<0.050	0.050	09/27/2023	ND	1.92	96.0	2.00	0.841		
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	1.94	96.8	2.00	1.10		
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.87	97.9	6.00	2.10		
Total BTEX	<0.300	0.300	09/27/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/28/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	195	97.3	200	0.595	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	197	98.6	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 3 (2.5') (H235274-03)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/27/2023	ND	1.84	92.0	2.00	1.07	
Toluene*	<0.050	0.050	09/27/2023	ND	1.92	96.0	2.00	0.841	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	1.94	96.8	2.00	1.10	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.87	97.9	6.00	2.10	
Total BTX	<0.300	0.300	09/27/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	09/28/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	195	97.3	200	0.595	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	197	98.6	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 99.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 4 (2.5') (H235274-04)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/27/2023	ND	1.84	92.0	2.00	1.07	
Toluene*	<0.050	0.050	09/27/2023	ND	1.92	96.0	2.00	0.841	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	1.94	96.8	2.00	1.10	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.87	97.9	6.00	2.10	
Total BTX	<0.300	0.300	09/27/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/28/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	195	97.3	200	0.595	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	197	98.6	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 123 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 5 (2.5') (H235274-05)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/27/2023	ND	1.84	92.0	2.00	1.07		
Toluene*	<0.050	0.050	09/27/2023	ND	1.92	96.0	2.00	0.841		
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	1.94	96.8	2.00	1.10		
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.87	97.9	6.00	2.10		
Total BTEx	<0.300	0.300	09/27/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/28/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	195	97.3	200	0.595	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	197	98.6	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 6 (2.5') (H235274-06)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/27/2023	ND	1.84	92.0	2.00	1.07	
Toluene*	<0.050	0.050	09/27/2023	ND	1.92	96.0	2.00	0.841	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	1.94	96.8	2.00	1.10	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.87	97.9	6.00	2.10	
Total BTX	<0.300	0.300	09/27/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/28/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	195	97.3	200	0.595	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	197	98.6	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 7 (2.5') (H235274-07)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/27/2023	ND	1.84	92.0	2.00	1.07	
Toluene*	<0.050	0.050	09/27/2023	ND	1.92	96.0	2.00	0.841	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	1.94	96.8	2.00	1.10	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.87	97.9	6.00	2.10	
Total BTEX	<0.300	0.300	09/27/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	09/28/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	195	97.3	200	0.595	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	197	98.6	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 8 (2.5') (H235274-08)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/27/2023	ND	1.84	92.0	2.00	1.07	
Toluene*	<0.050	0.050	09/27/2023	ND	1.92	96.0	2.00	0.841	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	1.94	96.8	2.00	1.10	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.87	97.9	6.00	2.10	
Total BTEX	<0.300	0.300	09/27/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	09/28/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	195	97.3	200	0.595	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	197	98.6	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 92.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.5 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 9 (2.5') (H235274-09)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/27/2023	ND	1.84	92.0	2.00	1.07	
Toluene*	<0.050	0.050	09/27/2023	ND	1.92	96.0	2.00	0.841	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	1.94	96.8	2.00	1.10	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.87	97.9	6.00	2.10	
Total BTEx	<0.300	0.300	09/27/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/28/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	195	97.3	200	0.595	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	197	98.6	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 126 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/22/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 10 (9.5') (H235274-10)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/27/2023	ND	1.84	92.0	2.00	1.07	
Toluene*	<0.050	0.050	09/27/2023	ND	1.92	96.0	2.00	0.841	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	1.94	96.8	2.00	1.10	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.87	97.9	6.00	2.10	
Total BTX	<0.300	0.300	09/27/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/28/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	195	97.3	200	0.595	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	197	98.6	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 98.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/22/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 11 (9.5') (H235274-11)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/27/2023	ND	1.84	92.0	2.00	1.07		
Toluene*	<0.050	0.050	09/27/2023	ND	1.92	96.0	2.00	0.841		
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	1.94	96.8	2.00	1.10		
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.87	97.9	6.00	2.10		
Total BTX	<0.300	0.300	09/27/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/28/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	195	97.3	200	0.595	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	197	98.6	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/22/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 12 (9.5') (H235274-12)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/27/2023	ND	1.84	92.0	2.00	1.07		
Toluene*	<0.050	0.050	09/27/2023	ND	1.92	96.0	2.00	0.841		
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	1.94	96.8	2.00	1.10		
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.87	97.9	6.00	2.10		
Total BTEX	<0.300	0.300	09/27/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	09/28/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	195	97.3	200	0.595	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	197	98.6	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 98.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/22/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 13 (9.5') (H235274-13)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/27/2023	ND	1.84	92.0	2.00	1.07	
Toluene*	<0.050	0.050	09/27/2023	ND	1.92	96.0	2.00	0.841	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	1.94	96.8	2.00	1.10	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.87	97.9	6.00	2.10	
Total BTX	<0.300	0.300	09/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	09/28/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	195	97.3	200	0.595	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	197	98.6	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 79.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.1 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/22/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 14 (9.5') (H235274-14)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/27/2023	ND	1.84	92.0	2.00	1.07		
Toluene*	<0.050	0.050	09/27/2023	ND	1.92	96.0	2.00	0.841		
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	1.94	96.8	2.00	1.10		
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.87	97.9	6.00	2.10		
Total BTEX	<0.300	0.300	09/27/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/28/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	195	97.3	200	0.595	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	197	98.6	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 90.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/22/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 15 (9.5') (H235274-15)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/27/2023	ND	1.84	92.0	2.00	1.07	
Toluene*	<0.050	0.050	09/27/2023	ND	1.92	96.0	2.00	0.841	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	1.94	96.8	2.00	1.10	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.87	97.9	6.00	2.10	
Total BTEX	<0.300	0.300	09/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	09/28/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	195	97.3	200	0.595	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	197	98.6	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 135 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/22/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 16 (9.5') (H235274-16)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/27/2023	ND	1.84	92.0	2.00	1.07	
Toluene*	<0.050	0.050	09/27/2023	ND	1.92	96.0	2.00	0.841	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	1.94	96.8	2.00	1.10	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.87	97.9	6.00	2.10	
Total BTX	<0.300	0.300	09/27/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	09/28/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	195	97.3	200	0.595	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	197	98.6	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 90.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.0 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/22/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 17 (9.5') (H235274-17)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/27/2023	ND	1.93	96.3	2.00	1.85	
Toluene*	<0.050	0.050	09/27/2023	ND	2.01	101	2.00	3.89	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	2.00	99.8	2.00	1.26	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.92	98.7	6.00	1.62	
Total BTEX	<0.300	0.300	09/27/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	09/28/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	195	97.3	200	0.595	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	197	98.6	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 86.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/22/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 18 (9.5') (H235274-18)**

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	09/27/2023	ND	1.93	96.3	2.00	1.85	
Toluene*	<0.050	0.050	09/27/2023	ND	2.01	101	2.00	3.89	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	2.00	99.8	2.00	1.26	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.92	98.7	6.00	1.62	
Total BTX	<0.300	0.300	09/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/28/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	195	97.3	200	0.595	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	197	98.6	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 94.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/22/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 19 (9.5') (H235274-19)**

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	09/27/2023	ND	1.93	96.3	2.00	1.85	
Toluene*	<0.050	0.050	09/27/2023	ND	2.01	101	2.00	3.89	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	2.00	99.8	2.00	1.26	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.92	98.7	6.00	1.62	
Total BTEX	<0.300	0.300	09/27/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	09/28/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	195	97.3	200	0.595	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	197	98.6	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 88.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/22/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 20 (9.5') (H235274-20)**

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	09/27/2023	ND	1.93	96.3	2.00	1.85		
Toluene*	<0.050	0.050	09/27/2023	ND	2.01	101	2.00	3.89		
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	2.00	99.8	2.00	1.26		
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.92	98.7	6.00	1.62		
Total BTEX	<0.300	0.300	09/27/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	09/28/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	195	97.3	200	0.595	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	197	98.6	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/22/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 21 (9.5') (H235274-21)**

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	09/27/2023	ND	1.93	96.3	2.00	1.85		
Toluene*	<0.050	0.050	09/27/2023	ND	2.01	101	2.00	3.89		
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	2.00	99.8	2.00	1.26		
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.92	98.7	6.00	1.62		
Total BTEX	<0.300	0.300	09/27/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	09/28/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	194	97.2	200	4.90	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	224	112	200	8.04	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 60.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.9 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/22/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 22 (9.5') (H235274-22)**

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	09/27/2023	ND	1.93	96.3	2.00	1.85	
Toluene*	<0.050	0.050	09/27/2023	ND	2.01	101	2.00	3.89	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	2.00	99.8	2.00	1.26	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.92	98.7	6.00	1.62	
Total BTEX	<0.300	0.300	09/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	09/28/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	194	97.2	200	4.90	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	224	112	200	8.04	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 66.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.5 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 23 (7.5') (H235274-23)**

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	09/27/2023	ND	1.93	96.3	2.00	1.85		
Toluene*	<0.050	0.050	09/27/2023	ND	2.01	101	2.00	3.89		
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	2.00	99.8	2.00	1.26		
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.92	98.7	6.00	1.62		
Total BTEX	<0.300	0.300	09/27/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	09/28/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	194	97.2	200	4.90	
DRO >C10-C28*	25.5	10.0	09/28/2023	ND	224	112	200	8.04	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 76.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.5 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 24 (7.5') (H235274-24)**

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	09/27/2023	ND	1.93	96.3	2.00	1.85		
Toluene*	<0.050	0.050	09/27/2023	ND	2.01	101	2.00	3.89		
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	2.00	99.8	2.00	1.26		
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.92	98.7	6.00	1.62		
Total BTEx	<0.300	0.300	09/27/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	09/28/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	194	97.2	200	4.90	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	224	112	200	8.04	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 86.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.8 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 25 (7.5') (H235274-25)**

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	09/27/2023	ND	1.93	96.3	2.00	1.85		
Toluene*	<0.050	0.050	09/27/2023	ND	2.01	101	2.00	3.89		
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	2.00	99.8	2.00	1.26		
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.92	98.7	6.00	1.62		
Total BTEx	<0.300	0.300	09/27/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	09/28/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	194	97.2	200	4.90	
DRO >C10-C28*	10.1	10.0	09/28/2023	ND	224	112	200	8.04	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 81.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.5 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 26 (7.5') (H235274-26)**

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	09/27/2023	ND	1.93	96.3	2.00	1.85		
Toluene*	<0.050	0.050	09/27/2023	ND	2.01	101	2.00	3.89		
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	2.00	99.8	2.00	1.26		
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.92	98.7	6.00	1.62		
Total BTEx	<0.300	0.300	09/27/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	09/28/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	194	97.2	200	4.90	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	224	112	200	8.04	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 78.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 27 (7.5') (H235274-27)**

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	09/27/2023	ND	1.93	96.3	2.00	1.85	
Toluene*	<0.050	0.050	09/27/2023	ND	2.01	101	2.00	3.89	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	2.00	99.8	2.00	1.26	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	5.92	98.7	6.00	1.62	
Total BTX	<0.300	0.300	09/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	09/28/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	194	97.2	200	4.90	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	224	112	200	8.04	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 81.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 28 (7.5') (H235274-28)**

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	09/28/2023	ND	1.93	96.3	2.00	1.85		
Toluene*	<0.050	0.050	09/28/2023	ND	2.01	101	2.00	3.89		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.00	99.8	2.00	1.26		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	5.92	98.7	6.00	1.62		
Total BTX	<0.300	0.300	09/28/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	09/28/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	194	97.2	200	4.90	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	224	112	200	8.04	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 55.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 55.9 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 29 (7.5') (H235274-29)**

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	09/28/2023	ND	1.93	96.3	2.00	1.85	
Toluene*	<0.050	0.050	09/28/2023	ND	2.01	101	2.00	3.89	
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.00	99.8	2.00	1.26	
Total Xylenes*	<0.150	0.150	09/28/2023	ND	5.92	98.7	6.00	1.62	
Total BTEX	<0.300	0.300	09/28/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	09/28/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	194	97.2	200	4.90	
DRO >C10-C28*	17.1	10.0	09/28/2023	ND	224	112	200	8.04	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 85.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.5 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 30 (7.5') (H235274-30)**

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	09/28/2023	ND	1.93	96.3	2.00	1.85		
Toluene*	<0.050	0.050	09/28/2023	ND	2.01	101	2.00	3.89		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.00	99.8	2.00	1.26		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	5.92	98.7	6.00	1.62		
Total BTEX	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	09/28/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	194	97.2	200	4.90	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	224	112	200	8.04	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 81.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.6 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 31 (7.5') (H235274-31)**

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	09/28/2023	ND	1.93	96.3	2.00	1.85	
Toluene*	<0.050	0.050	09/28/2023	ND	2.01	101	2.00	3.89	
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.00	99.8	2.00	1.26	
Total Xylenes*	<0.150	0.150	09/28/2023	ND	5.92	98.7	6.00	1.62	
Total BTEX	<0.300	0.300	09/28/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	09/28/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	194	97.2	200	4.90	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	224	112	200	8.04	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 88.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.4 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 32 (7.5') (H235274-32)**

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	09/28/2023	ND	1.93	96.3	2.00	1.85		
Toluene*	<0.050	0.050	09/28/2023	ND	2.01	101	2.00	3.89		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.00	99.8	2.00	1.26		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	5.92	98.7	6.00	1.62		
Total BTEX	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	09/28/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	194	97.2	200	4.90	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	224	112	200	8.04	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 73.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.1 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 33 (7.5') (H235274-33)**

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	09/28/2023	ND	1.93	96.3	2.00	1.85		
Toluene*	<0.050	0.050	09/28/2023	ND	2.01	101	2.00	3.89		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.00	99.8	2.00	1.26		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	5.92	98.7	6.00	1.62		
Total BTX	<0.300	0.300	09/28/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	09/28/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	194	97.2	200	4.90	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	224	112	200	8.04	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 65.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.3 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 34 (7.5') (H235274-34)**

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	09/28/2023	ND	1.93	96.3	2.00	1.85	
Toluene*	<0.050	0.050	09/28/2023	ND	2.01	101	2.00	3.89	
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.00	99.8	2.00	1.26	
Total Xylenes*	<0.150	0.150	09/28/2023	ND	5.92	98.7	6.00	1.62	
Total BTX	<0.300	0.300	09/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	09/28/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	194	97.2	200	4.90	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	224	112	200	8.04	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 87.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 35 (7.5') (H235274-35)**

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	09/28/2023	ND	1.93	96.3	2.00	1.85	
Toluene*	<0.050	0.050	09/28/2023	ND	2.01	101	2.00	3.89	
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.00	99.8	2.00	1.26	
Total Xylenes*	<0.150	0.150	09/28/2023	ND	5.92	98.7	6.00	1.62	
Total BTX	<0.300	0.300	09/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	09/28/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	194	97.2	200	4.90	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	224	112	200	8.04	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 71.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.3 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 36 (7.5') (H235274-36)**

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	09/28/2023	ND	1.93	96.3	2.00	1.85		
Toluene*	<0.050	0.050	09/28/2023	ND	2.01	101	2.00	3.89		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.00	99.8	2.00	1.26		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	5.92	98.7	6.00	1.62		
Total BTEX	<0.300	0.300	09/28/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	09/28/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	194	97.2	200	4.90	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	224	112	200	8.04	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 70.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.1 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 37 (7.5') (H235274-37)**

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	09/27/2023	ND	1.96	97.8	2.00	4.54		
Toluene*	<0.050	0.050	09/27/2023	ND	2.10	105	2.00	3.13		
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	2.22	111	2.00	2.45		
Total Xylenes*	<0.150	0.150	09/27/2023	ND	6.63	110	6.00	2.17		
Total BTEx	<0.300	0.300	09/27/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	09/28/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	194	97.2	200	4.90	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	224	112	200	8.04	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 78.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.4 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 38 (7.5') (H235274-38)**

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	09/27/2023	ND	1.96	97.8	2.00	4.54		
Toluene*	<0.050	0.050	09/27/2023	ND	2.10	105	2.00	3.13		
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	2.22	111	2.00	2.45		
Total Xylenes*	<0.150	0.150	09/27/2023	ND	6.63	110	6.00	2.17		
Total BTX	<0.300	0.300	09/27/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	09/28/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	194	97.2	200	4.90	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	224	112	200	8.04	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 78.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.2 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 39 (2.5') (H235274-39)**

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	09/27/2023	ND	1.96	97.8	2.00	4.54		
Toluene*	<0.050	0.050	09/27/2023	ND	2.10	105	2.00	3.13		
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	2.22	111	2.00	2.45		
Total Xylenes*	<0.150	0.150	09/27/2023	ND	6.63	110	6.00	2.17		
Total BTEX	<0.300	0.300	09/27/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	592	16.0	09/28/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	194	97.2	200	4.90	
DRO >C10-C28*	17.0	10.0	09/28/2023	ND	224	112	200	8.04	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 90.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.9 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 40 (2.5') (H235274-40)**

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	09/27/2023	ND	1.96	97.8	2.00	4.54		
Toluene*	<0.050	0.050	09/27/2023	ND	2.10	105	2.00	3.13		
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	2.22	111	2.00	2.45		
Total Xylenes*	<0.150	0.150	09/27/2023	ND	6.63	110	6.00	2.17		
Total BTX	<0.300	0.300	09/27/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	09/28/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	194	97.2	200	4.90	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	224	112	200	8.04	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 84.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.3 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 41 (2.5') (H235274-41)**

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	09/27/2023	ND	1.96	97.8	2.00	4.54		
Toluene*	<0.050	0.050	09/27/2023	ND	2.10	105	2.00	3.13		
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	2.22	111	2.00	2.45		
Total Xylenes*	<0.150	0.150	09/27/2023	ND	6.63	110	6.00	2.17		
Total BTX	<0.300	0.300	09/27/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	480	16.0	09/28/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	187	93.4	200	19.9	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	194	97.2	200	20.1	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 83.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.4 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 42 (2.5') (H235274-42)**

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	09/27/2023	ND	1.96	97.8	2.00	4.54		
Toluene*	<0.050	0.050	09/27/2023	ND	2.10	105	2.00	3.13		
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	2.22	111	2.00	2.45		
Total Xylenes*	<0.150	0.150	09/27/2023	ND	6.63	110	6.00	2.17		
Total BTEX	<0.300	0.300	09/27/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	512	16.0	09/28/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	187	93.4	200	19.9	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	194	97.2	200	20.1	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 87.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 43 (2.5') (H235274-43)**

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	09/27/2023	ND	1.96	97.8	2.00	4.54	
Toluene*	<0.050	0.050	09/27/2023	ND	2.10	105	2.00	3.13	
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	2.22	111	2.00	2.45	
Total Xylenes*	<0.150	0.150	09/27/2023	ND	6.63	110	6.00	2.17	
Total BTEX	<0.300	0.300	09/27/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	09/28/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	187	93.4	200	19.9	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	194	97.2	200	20.1	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 44 (2.5') (H235274-44)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/27/2023	ND	1.96	97.8	2.00	4.54		
Toluene*	<0.050	0.050	09/27/2023	ND	2.10	105	2.00	3.13		
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	2.22	111	2.00	2.45		
Total Xylenes*	<0.150	0.150	09/27/2023	ND	6.63	110	6.00	2.17		
Total BTEX	<0.300	0.300	09/27/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	09/28/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	187	93.4	200	19.9	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	194	97.2	200	20.1	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 79.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.0 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 45 (2.5') (H235274-45)**

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	09/27/2023	ND	1.96	97.8	2.00	4.54		
Toluene*	<0.050	0.050	09/27/2023	ND	2.10	105	2.00	3.13		
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	2.22	111	2.00	2.45		
Total Xylenes*	<0.150	0.150	09/27/2023	ND	6.63	110	6.00	2.17		
Total BTEx	<0.300	0.300	09/27/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	09/28/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	187	93.4	200	19.9	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	194	97.2	200	20.1	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 78.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.2 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 46 (2.5') (H235274-46)**

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	09/27/2023	ND	1.96	97.8	2.00	4.54		
Toluene*	<0.050	0.050	09/27/2023	ND	2.10	105	2.00	3.13		
Ethylbenzene*	<0.050	0.050	09/27/2023	ND	2.22	111	2.00	2.45		
Total Xylenes*	<0.150	0.150	09/27/2023	ND	6.63	110	6.00	2.17		
Total BTEX	<0.300	0.300	09/27/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	09/28/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	187	93.4	200	19.9	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	194	97.2	200	20.1	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 61.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.7 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 47 (2.5') (H235274-47)**

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	09/28/2023	ND	1.96	97.8	2.00	4.54		
Toluene*	<0.050	0.050	09/28/2023	ND	2.10	105	2.00	3.13		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.22	111	2.00	2.45		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.63	110	6.00	2.17		
Total BTX	<0.300	0.300	09/28/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/28/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	187	93.4	200	19.9	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	194	97.2	200	20.1	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 78.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.2 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 48 (2.5') (H235274-48)**

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	09/28/2023	ND	1.96	97.8	2.00	4.54		
Toluene*	<0.050	0.050	09/28/2023	ND	2.10	105	2.00	3.13		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.22	111	2.00	2.45		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.63	110	6.00	2.17		
Total BTX	<0.300	0.300	09/28/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/28/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	187	93.4	200	19.9	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	194	97.2	200	20.1	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 49 (2.5') (H235274-49)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2023	ND	1.96	97.8	2.00	4.54	
Toluene*	<0.050	0.050	09/28/2023	ND	2.10	105	2.00	3.13	
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.22	111	2.00	2.45	
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.63	110	6.00	2.17	
Total BTEX	<0.300	0.300	09/28/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	09/28/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	187	93.4	200	19.9	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	194	97.2	200	20.1	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 70.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.9 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 50 (2.5') (H235274-50)**

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	09/28/2023	ND	1.96	97.8	2.00	4.54		
Toluene*	<0.050	0.050	09/28/2023	ND	2.10	105	2.00	3.13		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.22	111	2.00	2.45		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.63	110	6.00	2.17		
Total BTX	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	09/28/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	187	93.4	200	19.9	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	194	97.2	200	20.1	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 74.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.5 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 51 (2.5') (H235274-51)**

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	09/28/2023	ND	1.96	97.8	2.00	4.54		
Toluene*	<0.050	0.050	09/28/2023	ND	2.10	105	2.00	3.13		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.22	111	2.00	2.45		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.63	110	6.00	2.17		
Total BTEX	<0.300	0.300	09/28/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	09/28/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	187	93.4	200	19.9	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	194	97.2	200	20.1	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 76.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 52 (2.5') (H235274-52)**

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	09/28/2023	ND	1.96	97.8	2.00	4.54		
Toluene*	<0.050	0.050	09/28/2023	ND	2.10	105	2.00	3.13		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.22	111	2.00	2.45		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.63	110	6.00	2.17		
Total BTX	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	09/28/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	187	93.4	200	19.9	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	194	97.2	200	20.1	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 76.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.8 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 1 (2.5') (H235274-53)**

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	09/28/2023	ND	1.96	97.8	2.00	4.54		
Toluene*	<0.050	0.050	09/28/2023	ND	2.10	105	2.00	3.13		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.22	111	2.00	2.45		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.63	110	6.00	2.17		
Total BTX	<0.300	0.300	09/28/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	09/28/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	187	93.4	200	19.9	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	194	97.2	200	20.1	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 71.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.7 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 2 (2.5') (H235274-54)**

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	09/28/2023	ND	1.96	97.8	2.00	4.54		
Toluene*	<0.050	0.050	09/28/2023	ND	2.10	105	2.00	3.13		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.22	111	2.00	2.45		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.63	110	6.00	2.17		
Total BTEx	<0.300	0.300	09/28/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/28/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	187	93.4	200	19.9	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	194	97.2	200	20.1	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 76.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.2 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 3 (2.5') (H235274-55)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	1.96	97.8	2.00	4.54		
Toluene*	<0.050	0.050	09/28/2023	ND	2.10	105	2.00	3.13		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.22	111	2.00	2.45		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.63	110	6.00	2.17		
Total BTEx	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	09/28/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	187	93.4	200	19.9	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	194	97.2	200	20.1	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 79.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.8 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 4 (7') (H235274-56)**

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	09/28/2023	ND	1.96	97.8	2.00	4.54		
Toluene*	<0.050	0.050	09/28/2023	ND	2.10	105	2.00	3.13		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.22	111	2.00	2.45		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.63	110	6.00	2.17		
Total BTEX	<0.300	0.300	09/28/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/28/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	187	93.4	200	19.9	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	194	97.2	200	20.1	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 73.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.9 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 5 (7') (H235274-57)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	1.83	91.5	2.00	0.272		
Toluene*	<0.050	0.050	09/28/2023	ND	1.91	95.7	2.00	0.491		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	1.90	94.9	2.00	0.608		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	5.74	95.6	6.00	0.376		
Total BTEX	<0.300	0.300	09/28/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	09/28/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	187	93.4	200	19.9	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	194	97.2	200	20.1	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 70.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.1 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 6 (9.5') (H235274-58)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2023	ND	1.83	91.5	2.00	0.272	
Toluene*	<0.050	0.050	09/28/2023	ND	1.91	95.7	2.00	0.491	
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	1.90	94.9	2.00	0.608	
Total Xylenes*	<0.150	0.150	09/28/2023	ND	5.74	95.6	6.00	0.376	
Total BTX	<0.300	0.300	09/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	09/28/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	187	93.4	200	19.9	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	194	97.2	200	20.1	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 91.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 7 (9.5') (H235274-59)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2023	ND	1.83	91.5	2.00	0.272	
Toluene*	<0.050	0.050	09/28/2023	ND	1.91	95.7	2.00	0.491	
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	1.90	94.9	2.00	0.608	
Total Xylenes*	<0.150	0.150	09/28/2023	ND	5.74	95.6	6.00	0.376	
Total BTEX	<0.300	0.300	09/28/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	09/28/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	187	93.4	200	19.9	
DRO >C10-C28*	23.1	10.0	09/28/2023	ND	194	97.2	200	20.1	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 81.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 8 (9.5') (H235274-60)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	1.83	91.5	2.00	0.272		
Toluene*	<0.050	0.050	09/28/2023	ND	1.91	95.7	2.00	0.491		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	1.90	94.9	2.00	0.608		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	5.74	95.6	6.00	0.376		
Total BTEX	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	09/28/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	187	93.4	200	19.9	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	194	97.2	200	20.1	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 84.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.6 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 9 (2') (H235274-61)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2023	ND	1.83	91.5	2.00	0.272	
Toluene*	<0.050	0.050	09/28/2023	ND	1.91	95.7	2.00	0.491	
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	1.90	94.9	2.00	0.608	
Total Xylenes*	<0.150	0.150	09/28/2023	ND	5.74	95.6	6.00	0.376	
Total BTEX	<0.300	0.300	09/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	09/28/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	193	96.6	200	0.480	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	189	94.4	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 81.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.1 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 10 (9.5') (H235274-62)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	1.83	91.5	2.00	0.272		
Toluene*	<0.050	0.050	09/28/2023	ND	1.91	95.7	2.00	0.491		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	1.90	94.9	2.00	0.608		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	5.74	95.6	6.00	0.376		
Total BTEx	<0.300	0.300	09/28/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	09/28/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	193	96.6	200	0.480	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	189	94.4	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 81.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.8 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 11 (2.5') (H235274-63)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	1.83	91.5	2.00	0.272		
Toluene*	<0.050	0.050	09/28/2023	ND	1.91	95.7	2.00	0.491		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	1.90	94.9	2.00	0.608		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	5.74	95.6	6.00	0.376		
Total BTX	<0.300	0.300	09/28/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	09/28/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	193	96.6	200	0.480	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	189	94.4	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 84.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.4 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 12 (9.5') (H235274-64)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	1.83	91.5	2.00	0.272		
Toluene*	<0.050	0.050	09/28/2023	ND	1.91	95.7	2.00	0.491		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	1.90	94.9	2.00	0.608		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	5.74	95.6	6.00	0.376		
Total BTEx	<0.300	0.300	09/28/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/28/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	193	96.6	200	0.480	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	189	94.4	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 88.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.0 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 13 (7.5') (H235274-65)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2023	ND	1.83	91.5	2.00	0.272	
Toluene*	<0.050	0.050	09/28/2023	ND	1.91	95.7	2.00	0.491	
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	1.90	94.9	2.00	0.608	
Total Xylenes*	<0.150	0.150	09/28/2023	ND	5.74	95.6	6.00	0.376	
Total BTEX	<0.300	0.300	09/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/28/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	193	96.6	200	0.480	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	189	94.4	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 81.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.4 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 14 (7.5') (H235274-66)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2023	ND	1.83	91.5	2.00	0.272	
Toluene*	<0.050	0.050	09/28/2023	ND	1.91	95.7	2.00	0.491	
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	1.90	94.9	2.00	0.608	
Total Xylenes*	<0.150	0.150	09/28/2023	ND	5.74	95.6	6.00	0.376	
Total BTEX	<0.300	0.300	09/28/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/28/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2023	ND	193	96.6	200	0.480	
DRO >C10-C28*	<10.0	10.0	09/27/2023	ND	189	94.4	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	09/27/2023	ND					

Surrogate: 1-Chlorooctane 84.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.1 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 15 (7.5') (H235274-67)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	1.83	91.5	2.00	0.272		
Toluene*	<0.050	0.050	09/28/2023	ND	1.91	95.7	2.00	0.491		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	1.90	94.9	2.00	0.608		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	5.74	95.6	6.00	0.376		
Total BTEx	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	09/28/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	193	96.6	200	0.480	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	189	94.4	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 84.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 16 (7.5') (H235274-68)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2023	ND	1.83	91.5	2.00	0.272	
Toluene*	<0.050	0.050	09/28/2023	ND	1.91	95.7	2.00	0.491	
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	1.90	94.9	2.00	0.608	
Total Xylenes*	<0.150	0.150	09/28/2023	ND	5.74	95.6	6.00	0.376	
Total BTEX	<0.300	0.300	09/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	09/28/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	193	96.6	200	0.480	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	189	94.4	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 75.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.4 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 17 (7.5') (H235274-69)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2023	ND	1.83	91.5	2.00	0.272	
Toluene*	<0.050	0.050	09/28/2023	ND	1.91	95.7	2.00	0.491	
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	1.90	94.9	2.00	0.608	
Total Xylenes*	<0.150	0.150	09/28/2023	ND	5.74	95.6	6.00	0.376	
Total BTEX	<0.300	0.300	09/28/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	09/28/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	193	96.6	200	0.480	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	189	94.4	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 74.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.5 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 18 (7.5') (H235274-70)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2023	ND	1.83	91.5	2.00	0.272	
Toluene*	<0.050	0.050	09/28/2023	ND	1.91	95.7	2.00	0.491	
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	1.90	94.9	2.00	0.608	
Total Xylenes*	<0.150	0.150	09/28/2023	ND	5.74	95.6	6.00	0.376	
Total BTEX	<0.300	0.300	09/28/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	09/28/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	193	96.6	200	0.480	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	189	94.4	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 79.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.8 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 19 (5') (H235274-71)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2023	ND	1.83	91.5	2.00	0.272	
Toluene*	<0.050	0.050	09/28/2023	ND	1.91	95.7	2.00	0.491	
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	1.90	94.9	2.00	0.608	
Total Xylenes*	<0.150	0.150	09/28/2023	ND	5.74	95.6	6.00	0.376	
Total BTEX	<0.300	0.300	09/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	09/28/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	193	96.6	200	0.480	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	189	94.4	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 79.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.1 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 20 (5') (H235274-72)**

BTX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2023	ND	1.83	91.5	2.00	0.272	
Toluene*	<0.050	0.050	09/28/2023	ND	1.91	95.7	2.00	0.491	
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	1.90	94.9	2.00	0.608	
Total Xylenes*	<0.150	0.150	09/28/2023	ND	5.74	95.6	6.00	0.376	
Total BTX	<0.300	0.300	09/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	09/28/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	193	96.6	200	0.480	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	189	94.4	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 73.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.6 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 21 (2.5') (H235274-73)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	1.83	91.5	2.00	0.272		
Toluene*	<0.050	0.050	09/28/2023	ND	1.91	95.7	2.00	0.491		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	1.90	94.9	2.00	0.608		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	5.74	95.6	6.00	0.376		
Total BTEx	<0.300	0.300	09/28/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	512	16.0	09/28/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	193	96.6	200	0.480	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	189	94.4	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 75.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.9 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 22 (2.5') (H235274-74)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	1.83	91.5	2.00	0.272		
Toluene*	<0.050	0.050	09/28/2023	ND	1.91	95.7	2.00	0.491		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	1.90	94.9	2.00	0.608		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	5.74	95.6	6.00	0.376		
Total BTEx	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	09/28/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	193	96.6	200	0.480	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	189	94.4	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 72.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.2 % 49.1-148

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**Analytical Results For:**

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

Received: 09/27/2023  
 Reported: 09/28/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/27/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 23 (2.5') (H235274-75)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	1.83	91.5	2.00	0.272		
Toluene*	<0.050	0.050	09/28/2023	ND	1.91	95.7	2.00	0.491		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	1.90	94.9	2.00	0.608		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	5.74	95.6	6.00	0.376		
Total BTEx	<0.300	0.300	09/28/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	09/28/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	193	96.6	200	0.480	
DRO >C10-C28*	411	10.0	09/28/2023	ND	189	94.4	200	2.05	
EXT DRO >C28-C36	242	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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### Notes and Definitions

QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

---

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.

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

---

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody


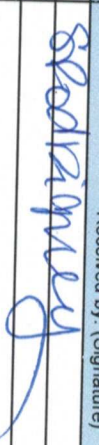
Work Order No: 1835274

Project Manager:	Conner Moehring	Bill to: (if different)	James Kennedy
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	James.Kennedy@eogresources.com

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

Project Name:	Corral Draw AQH Fed #002	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes				
Project Number:	2100																None: NO	DI Water: H <sub>2</sub> O			
Project Location:	Eddy County, New Mexico	Due Date:	24 HR														Cool: Cool	MeOH: Me			
Sampler's Name:	JM/LR																HCL: HC	HNO <sub>3</sub> : HN			
PO #:																	H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	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 <sub>3</sub> PO <sub>4</sub> : HP			
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	140															NaHSO <sub>4</sub> : NABIS			
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:																Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>			
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:	1.8															Zn Acetate+NaOH: Zn			
Total Containers:		Corrected Temperature:																NaOH+Ascorbic Acid: SPC			
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
CS-1 (2.5')		9/21/2023		X		Comp	1	X	X	X	X	X	X	X	X	X					
CS-2 (2.5')		9/21/2023		X		Comp	1	X	X	X	X	X	X	X	X	X					
CS-3 (2.5')		9/21/2023		X		Comp	1	X	X	X	X	X	X	X	X	X					
CS-4 (2.5')		9/21/2023		X		Comp	1	X	X	X	X	X	X	X	X	X					
CS-5 (2.5')		9/21/2023		X		Comp	1	X	X	X	X	X	X	X	X	X					
CS-6 (2.5')		9/21/2023		X		Comp	1	X	X	X	X	X	X	X	X	X					
CS-7 (2.5')		9/21/2023		X		Comp	1	X	X	X	X	X	X	X	X	X					
CS-8 (2.5')		9/21/2023		X		Comp	1	X	X	X	X	X	X	X	X	X					
CS-9 (2.5')		9/21/2023		X		Comp	1	X	X	X	X	X	X	X	X	X					
CS-10 (9.5')		9/22/2023		X		Comp	1	X	X	X	X	X	X	X	X	X					

Comments: Email to Mike Carmona / mearmona@carmonarresources.com and Conner Moehring / Cmoehring@carmonarresources.com and Devin Dominguez / Ddominguez@carmonarresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	9/27/23/16:10		



## Chain of Custody

**Work Order No.:**

Page 79 of 85

Project Manager: Conner Moehring						Bill to: (if different) James Kennedy					
Company Name: Carmona Resources						Company Name: EOG Resources					
Address: 310 W Wall St Ste 500						Address: 5509 Champions Dr					
City, State ZIP: Midland, TX 79701						City, State ZIP: Midland, Tx 79706					
Phone: 432-813-6823						Email: James.Kennedy@eogresources.com					
Project Name: Corral Draw AQH Fed #002											
Project Number: 2100											
Project Location: Eddy County, New Mexico											
Sampler's Name: JIM/JR											
PO #:											
SAMPLE RECEIPT											
Received Intact:				Temp Blank:		Yes No		Well Ice:		Yes No	
				(Yes) (No)						(Yes) (No)	
Cooler Custody Seals:				Thermometer ID:							
Sample Custody Seals:				Correction Factor:							
Total Containers:				Temperature Reading:							
				Corrected Temperature:							
ANALYSIS REQUEST											
Parameters											
BTX 8021B											
TPH 8015M ( GRO + DRO + MRO )											
Chloride 4500											
Preservative Codes											
None: NO											
Cool: Cool											
HCL: HC											
H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>											
H <sub>3</sub> PO <sub>4</sub> : HP											
NaHSO <sub>4</sub> : NABIS											
Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>											
Zn Acetate+NaOH: Zn											
NaOH+Ascorbic Acid: SAPC											
Sample Comments											
Date/Time											
Received by: (Signature)											
Date/Time											



Chain of Custody

Work Order No.: \_\_\_\_\_

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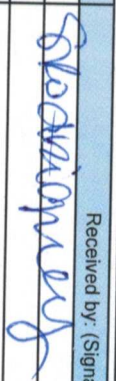
Project Manager:	Comer Moehring	Bill to: (if different)	James Kennedy
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	James.Kennedy@eogresources.com

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

Project Name:	Corral Draw AQH Fed #002	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST										Preservative Codes		
Project Number:	2100															None: NO	DI Water: H <sub>2</sub> O
Project Location:	Eddy County, New Mexico	Due Date:	24 HR													Cool: Cool	MeOH: Me
Sampler's Name:	JM/JR															HCL: HC	HNO <sub>3</sub> : HN
PO #:																H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na
SAMPLE RECEIPT	Temp Blank: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Thermometer ID:	Wet Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No													H <sub>3</sub> PO <sub>4</sub> : HP	
Received Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Correction Factor:														NaHSO <sub>4</sub> : NABIS	
Cooler Custody Seals:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Temperature Reading:														Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>	
Sample Custody Seals:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Corrected Temperature:														Zn Acetate+NaOH: Zn	
Total Containers:																NaOH+Ascorbic Acid: SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments
CS-21 (9.5')	9/22/2023		X		Comp	1	X	X	X	X							
CS-22 (9.5')	9/22/2023		X		Comp	1	X	X	X	X							
CS-23 (7.5')	9/26/2023		X		Comp	1	X	X	X	X							
CS-24 (7.5')	9/26/2023		X		Comp	1	X	X	X	X							
CS-25 (7.5')	9/26/2023		X		Comp	1	X	X	X	X							
CS-26 (7.5')	9/26/2023		X		Comp	1	X	X	X	X							
CS-27 (7.5')	9/26/2023		X		Comp	1	X	X	X	X							
CS-28 (7.5')	9/26/2023		X		Comp	1	X	X	X	X							
CS-29 (7.5')	9/26/2023		X		Comp	1	X	X	X	X							
CS-30 (7.5')	9/26/2023		X		Comp	1	X	X	X	X							

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Comer Moehring / Cmoehring@carmonaresources.com and Devin Dominguez / Ddominguez@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	9/27/23 16:10		



Chain of Custody

Work Order No: \_\_\_\_\_

Page 4 of 8

Project Manager:	Conner Moehring	Bill to: (if different)	James Kennedy
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	James.Kennedy@eogresources.com

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

Project Name:	Corral Draw AQH Fed #002	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number:	2100																None: NO	DI Water: H <sub>2</sub> O	
Project Location:	Eddy County, New Mexico	Due Date:	24 HR														Cool: Cool	MeOH: Me	
Sampler's Name:	JM/JR																HCL: HC	HNO <sub>3</sub> : HN	
PO #:																	H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	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 <sub>3</sub> PO <sub>4</sub> : HP		
Received In tact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:															NaHSO <sub>4</sub> : NABIS		
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:															Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>		
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> 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
CS-31 (7.5')	9/26/2023		X		Comp	1	X	X	X	X	X	X	X	X	X	X			
CS-32 (7.5')	9/26/2023		X		Comp	1	X	X	X	X	X	X	X	X	X	X			
CS-33 (7.5')	9/26/2023		X		Comp	1	X	X	X	X	X	X	X	X	X	X			
CS-34 (7.5')	9/26/2023		X		Comp	1	X	X	X	X	X	X	X	X	X	X			
CS-35 (7.5')	9/26/2023		X		Comp	1	X	X	X	X	X	X	X	X	X	X			
CS-36 (7.5')	9/26/2023		X		Comp	1	X	X	X	X	X	X	X	X	X	X			
CS-37 (7.5')	9/26/2023		X		Comp	1	X	X	X	X	X	X	X	X	X	X			
CS-38 (7.5')	9/26/2023		X		Comp	1	X	X	X	X	X	X	X	X	X	X			
CS-39 (2.5')	9/27/2023		X		Comp	1	X	X	X	X	X	X	X	X	X	X			
CS-40 (2.5')	9/27/2023		X		Comp	1	X	X	X	X	X	X	X	X	X	X			

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com and Devin Dominguez / Ddominguez@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	9/26/2023 10:10		



Chain of Custody

Work Order No: \_\_\_\_\_

Project Manager:	Conner Moehring	Bill to: (if different)	James Kennedy
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	James.Kennedy@eogresources.com

Page 5 of 8	
Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> JRC <input type="checkbox"/> Inland
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:		Corral Draw AQH Fed #002		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Project Number:		2100		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Project Location:		Eddy County, New Mexico		Due Date:		24 HR																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com and Devin Dominguez / Ddominguez@carmonaresources.com

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
		9/28/2023					



Chain of Custody

Work Order No: \_\_\_\_\_

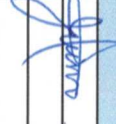
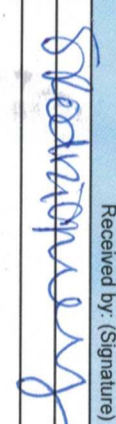
Page 6 of 8

Project Manager:	Conner Moehring	Bill to: (if different)	James Kennedy
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	James.Kennedy@eogresources.com

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

Project Name:	Corral Draw AQH Fed #002	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number:	2100	Due Date:	24 HR														None: NO	DI Water: H <sub>2</sub> O	
Project Location:	Eddy County, New Mexico																Cool: Cool	MeOH: Me	
Sampler's Name:	JM/JR																HCL: HC	HNO <sub>3</sub> : HN	
PO #:																	H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na	
SAMPLE RECEIPT	Temp Blank:	Yes/No	Yes/No	Wet Ice:	Yes/No													H <sub>3</sub> PO <sub>4</sub> : HP	
Received Intact:	Yes/No	Yes/No	Thermometer ID:															NaHSO <sub>4</sub> : NABIS	
Cooler Custody Seals:	Yes/No	N/A	Correction Factor:															Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>	
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
CS-51 (2.5')	9/27/2023		X		Comp	1	X	X	X	X									
CS-52 (2.5')	9/27/2023		X		Comp	1	X	X	X	X									
SW-1 (2.5')	9/27/2023		X		Comp	1	X	X	X	X									
SW-2 (2.5')	9/27/2023		X		Comp	1	X	X	X	X									
SW-3 (2.5')	9/27/2023		X		Comp	1	X	X	X	X									
SW-4 (7')	9/27/2023		X		Comp	1	X	X	X	X									
SW-5 (7')	9/27/2023		X		Comp	1	X	X	X	X									
SW-6 (9.5')	9/27/2023		X		Comp	1	X	X	X	X									
SW-7 (9.5')	9/27/2023		X		Comp	1	X	X	X	X									
SW-8 (9.5')	9/27/2023		X		Comp	1	X	X	X	X									

Comments: Email to Mike Carmona / Mcarmona@camonaresources.com and Conner Moehring / Cmoehring@camonaresources.com and Devin Dominguez / Ddominguez@camonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	9/27/2023 16:10		



## Chain of Custody

**Work Order No:** \_\_\_\_\_

<b>Project Manager:</b>	Conner Moehring	<b>Bill to: (if different)</b>	James Kennedy
<b>Company Name:</b>	Carmona Resources	<b>Company Name:</b>	EOG Resources
<b>Address:</b>	310 W Wall St Ste 500	<b>Address:</b>	5509 Champions Dr
<b>City, State ZIP:</b>	Midland, TX 79701	<b>City, State ZIP:</b>	Midland, Tx 79706
<b>Phone:</b>	432-813-6823	<b>Email:</b>	James_Kennedy@eogresources.com

Page \_\_\_\_ of \_\_\_\_

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### Work Order Comments

**Program:** UST/PST    ☐ RRP    ☐ Brownfields    ☐ RC    ☐ Upturn    ☐

**State of Project:**

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

Deliverables: EDD    ☐ ADAPT    ☐ Other: \_\_\_\_\_

Project Name:		Corral Draw AQH Fed #002		Turn Around		ANALYSIS REQUEST										Preservative Codes																											
Project Number:		2100		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush												None: NO Cool: Cool HCL: HC H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> H <sub>3</sub> PO <sub>4</sub> : HP NaHSO <sub>4</sub> : NABIS Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub> Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC																											
Project Location:		Eddy County, New Mexico		Due Date:		24 HR												DI Water: H <sub>2</sub> O MeOH: Me HNO <sub>3</sub> : HN NaOH: Na																									
Sampler's Name:		JIM/JR																																									
PO #:																																											
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No																																			
Received Intact:		Yes No		Thermometer ID:																																							
Cooler Custody Seals:		Yes No		Correction Factor:																																							
Sample Custody Seals:		Yes No		Temperature Reading:																																							
Total Containers:				Corrected Temperature:																																							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont												Sample Comments																			
SW-9 (2)		9/27/2023				X				Comp		1		X X X X																													
SW-10 (9.5)		9/27/2023				X				Comp		1		X X X X																													
SW-11 (2.5)		9/27/2023				X				Comp		1		X X X X																													
SW-12 (9.5)		9/27/2023				X				Comp		1		X X X X																													
SW-13 (7.5)		9/27/2023				X				Comp		1		X X X X																													
SW-14 (7.5)		9/27/2023				X				Comp		1		X X X X																													
SW-15 (7.5)		9/27/2023				X				Comp		1		X X X X																													
SW-16 (7.5)		9/27/2023				X				Comp		1		X X X X																													
SW-17 (7.5)		9/27/2023				X				Comp		1		X X X X																													
SW-18 (7.5)		9/27/2023				X				Comp		1		X X X X																													
Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com and Devin Dominguez / Ddominguez@carmonaresources.com																																											
Relinquished by: (Signature)														Date/Time										Received by: (Signature)										Date/Time									
[Signature]														9/27/23/16:16										[Signature]																			



Work Order No: \_\_\_\_\_

Page 85 of 85

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

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

Date/Time

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

---

October 02, 2023

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: CORRAL DRAW AQH FWD #002

Enclosed are the results of analyses for samples received by the laboratory on 09/29/23 8:23.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 09/29/2023  
 Reported: 10/02/2023  
 Project Name: CORRAL DRAW AQH FWD #002  
 Project Number: 2100  
 Project Location: EOG EDDY COUNTY, NEW MEXICO

Sampling Date: 09/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: SW - 23 (2.5') (H235321-01)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2023	ND	1.82	91.2	2.00	7.75	
Toluene*	<0.050	0.050	09/30/2023	ND	1.93	96.3	2.00	6.69	
Ethylbenzene*	<0.050	0.050	09/30/2023	ND	2.04	102	2.00	6.28	
Total Xylenes*	<0.150	0.150	09/30/2023	ND	6.06	101	6.00	6.94	
Total BTX	<0.300	0.300	09/30/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/29/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/01/2023	ND	188	94.1	200	3.30	
DRO >C10-C28*	<10.0	10.0	10/01/2023	ND	188	94.0	200	6.16	
EXT DRO >C28-C36	<10.0	10.0	10/01/2023	ND					

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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



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---

### Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

---

Cardinal Laboratories

\*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "C. D. Keene", written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager

Work Order No: 11835321

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

Released to Imaging: 4/11/2024 8:58:34 AM

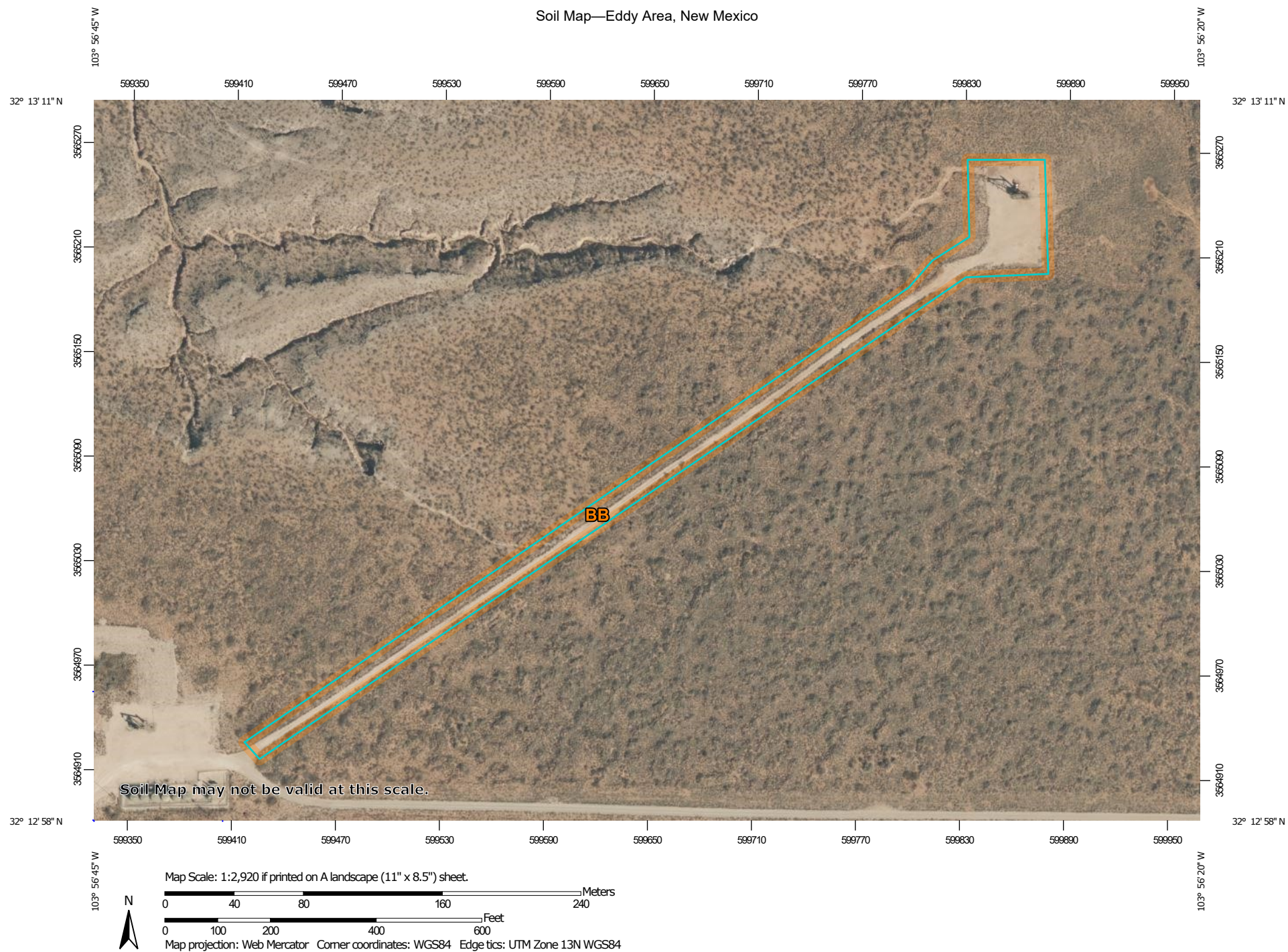
## APPENDIX F

CARMONA RESOURCES





## Soil Map—Eddy Area, New Mexico



Natural Resources  
Conservation Service

Web Soil Survey  
National Cooperative Soil Survey

10/9/2023  
Page 1 of 3

## Soil Map—Eddy Area, New Mexico

## MAP LEGEND

## Area of Interest (AOI)

 Area of Interest (AOI)

## Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

## Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

## Water Features



Streams and Canals

## Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

## Background



Aerial Photography

## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 19, Sep 7, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.



Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BB	Berino complex, 0 to 3 percent slopes, eroded	2.4	100.0%
Totals for Area of Interest		2.4	100.0%



Map Unit Description: Berino complex, 0 to 3 percent slopes, eroded---Eddy Area, New Mexico

---

## Eddy Area, New Mexico

### BB—Berino complex, 0 to 3 percent slopes, eroded

#### Map Unit Setting

*National map unit symbol:* 1w43

*Elevation:* 2,000 to 5,700 feet

*Mean annual precipitation:* 5 to 15 inches

*Mean annual air temperature:* 57 to 70 degrees F

*Frost-free period:* 180 to 260 days

*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Berino and similar soils:* 60 percent

*Pajarito and similar soils:* 25 percent

*Minor components:* 15 percent

*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Berino

##### Setting

*Landform:* Plains, fan piedmonts

*Landform position (three-dimensional):* Riser

*Down-slope shape:* Convex

*Across-slope shape:* Linear

*Parent material:* Mixed alluvium and/or eolian sands

##### Typical profile

*H1 - 0 to 17 inches:* fine sand

*H2 - 17 to 58 inches:* sandy clay loam

*H3 - 58 to 60 inches:* loamy sand

##### Properties and qualities

*Slope:* 0 to 3 percent

*Depth to restrictive feature:* More than 80 inches

*Drainage class:* Well drained

*Runoff class:* Low

*Capacity of the most limiting layer to transmit water*

*(Ksat):* Moderately high to high (0.60 to 2.00 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Calcium carbonate, maximum content:* 40 percent

*Maximum salinity:* Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)

*Sodium adsorption ratio, maximum:* 1.0

*Available water supply, 0 to 60 inches:* Moderate (about 8.0 inches)

##### Interpretive groups

*Land capability classification (irrigated):* None specified

Map Unit Description: Berino complex, 0 to 3 percent slopes, eroded---Eddy Area, New Mexico

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*Land capability classification (nonirrigated): 7e*  
*Hydrologic Soil Group: B*  
*Ecological site: R070BD003NM - Loamy Sand*  
*Hydric soil rating: No*

### Description of Pajarito

#### Setting

*Landform: Dunes, plains, interdunes*  
*Landform position (three-dimensional): Side slope*  
*Down-slope shape: Convex, linear*  
*Across-slope shape: Convex, linear*  
*Parent material: Mixed alluvium and/or eolian sands*

#### Typical profile

*H1 - 0 to 9 inches: loamy fine sand*  
*H2 - 9 to 72 inches: fine sandy loam*

#### Properties and qualities

*Slope: 0 to 3 percent*  
*Depth to restrictive feature: More than 80 inches*  
*Drainage class: Well drained*  
*Runoff class: Very low*  
*Capacity of the most limiting layer to transmit water (Ksat): High*  
*(2.00 to 6.00 in/hr)*  
*Depth to water table: More than 80 inches*  
*Frequency of flooding: None*  
*Frequency of ponding: None*  
*Calcium carbonate, maximum content: 40 percent*  
*Maximum salinity: Nonsaline (0.0 to 1.0 mmhos/cm)*  
*Sodium adsorption ratio, maximum: 1.0*  
*Available water supply, 0 to 60 inches: Moderate (about 8.0 inches)*

#### Interpretive groups

*Land capability classification (irrigated): 2e*  
*Land capability classification (nonirrigated): 7e*  
*Hydrologic Soil Group: A*  
*Ecological site: R070BD003NM - Loamy Sand*  
*Hydric soil rating: No*

### Minor Components

#### Wink

*Percent of map unit: 4 percent*  
*Ecological site: R070BD003NM - Loamy Sand*  
*Hydric soil rating: No*

#### Cacique

*Percent of map unit: 4 percent*  
*Ecological site: R070BD004NM - Sandy*  
*Hydric soil rating: No*

#### Pajarito

*Percent of map unit: 4 percent*

Map Unit Description: Berino complex, 0 to 3 percent slopes, eroded---Eddy Area, New Mexico

---

*Ecological site:* R070BD003NM - Loamy Sand

*Hydric soil rating:* No

**Kermi**

*Percent of map unit:* 3 percent

*Ecological site:* R070BD005NM - Deep Sand

*Hydric soil rating:* No

## Data Source Information

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 19, Sep 7, 2023



(28)

BLM SERIAL #:

COMPANY REFERENCE:

### 3.3 Seed Mixture 2, for Sandy Sites

The holder shall seed all disturbed areas with the seed mixture listed below. The seed mixture shall be planted in the amounts specified in pounds of pure live seed (PLS)\* per acre. There shall be no primary or secondary noxious weeds in the seed mixture. Seed will be tested and the viability testing of seed will be done in accordance with State law (s) and within nine (9) months prior to purchase. Commercial seed will be either certified or registered seed. The seed container will be tagged in accordance with State law(s) and available for inspection by the authorized officer.

Seed will be planted using a drill equipped with a depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture will be evenly and uniformly planted over the disturbed area (smaller/heavier seeds have a tendency to drop the bottom of the drill and are planted first). The holder shall take appropriate measures to ensure this does not occur. Where drilling is not possible, seed will be broadcast and the area shall be raked or chained to cover the seed. When broadcasting the seed, the pounds per acre are to be doubled. The seeding will be repeated until a satisfactory stand is established as determined by the authorized officer. Evaluation of growth will not be made before completion of at least one full growing season after seeding.

Species to be planted in pounds of pure live seed\* per acre:

<u>Species</u>	<u>lb/acre</u>
Sand dropseed ( <i>Sporobolus cryptandrus</i> )	1.0
Sand love grass ( <i>Eragrostis trichodes</i> )	1.0
Plains bristlegrass ( <i>Setaria macrostachya</i> )	2.0

\*Pounds of pure live seed: Pounds of seed x percent purity x percent germination = pounds pure live seed

**District I**  
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**District II**  
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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

QUESTIONS  
  
Action 327907

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 327907
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

<b>Prerequisites</b>	
Incident ID (n#)	nAB1509049752
Incident Name	NAB1509049752 CORRAL DRAW AQH FEDERAL #002 @ 30-015-34257
Incident Type	Produced Water Release
Incident Status	Reclamation Report Received
Incident Well	[30-015-34257] CORRAL DRAW AQH FEDERAL #002

<b>Location of Release Source</b>	
Please answer all the questions in this group.	
Site Name	CORRAL DRAW AQH FEDERAL #002
Date Release Discovered	03/14/2015
Surface Owner	Federal

<b>Incident Details</b>	
Please answer all the questions in this group.	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

<b>Nature and Volume of Release</b>	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Equipment Failure   Other (Specify)   Crude Oil   Released: 5 BBL   Recovered: 4 BBL   Lost: 1 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure   Other (Specify)   Produced Water   Released: 10 BBL   Recovered: 9 BBL   Lost: 1 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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

QUESTIONS, Page 2

Action 327907

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:
	6137
	Action Number:
	327907
Action Type:	
[C-141] Reclamation Report C-141 (C-141-v-Reclamation)	

**QUESTIONS**

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

**Initial Response**

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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.

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmv.com Date: 03/28/2024
--	--



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

QUESTIONS, Page 3

Action 327907

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 327907
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS****Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). 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 in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	U.S. Geological Survey
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

**Remediation Plan**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

**Soil Contamination Sampling:** (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride	(EPA 300.0 or SM4500 Cl B)	592
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	23.1
GRO+DRO	(EPA SW-846 Method 8015M)	23.1
BTEX	(EPA SW-846 Method 8021B or 8260B)	0
Benzene	(EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	09/21/2023
On what date will (or did) the final sampling or liner inspection occur	09/27/2023
On what date will (or was) the remediation complete(d)	10/10/2023
What is the estimated surface area (in square feet) that will be reclaimed	9000
What is the estimated volume (in cubic yards) that will be reclaimed	2540
What is the estimated surface area (in square feet) that will be remediated	9000
What is the estimated volume (in cubic yards) that will be remediated	2540

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

**District I**

1625 N. French Dr., Hobbs, NM 88240  
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**District II**

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QUESTIONS, Page 4

Action 327907

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	327907
	Action Type:	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

<b>Remediation Plan (continued)</b>	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
<b>This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:</b>	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	LEA LAND LANDFILL [fEEM0112342028]
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
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.	
I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 03/28/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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Action 327907

QUESTIONS (continued)

Operator:  DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:  6137
	Action Number:  327907
	Action Type:  [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

<b>Deferral Requests Only</b>	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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Action 327907

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:
	6137
	Action Number:
	327907
Action Type:	
[C-141] Reclamation Report C-141 (C-141-v-Reclamation)	

**QUESTIONS**

Sampling Event Information	
Last sampling notification (C-141N) recorded	327917
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/21/2023
What was the (estimated) number of samples that were to be gathered	45
What was the sampling surface area in square feet	9000

**Remediation Closure Request**

*Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.*

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	9000
What was the total volume (cubic yards) remediated	2540
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	9000
What was the total volume (in cubic yards) reclaimed	2540
Summarize any additional remediation activities not included by answers (above)	see report

*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 (in .pdf format) 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.*

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.

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 03/28/2024
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Action 327907

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	327907
	Action Type:	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

<b>Reclamation Report</b>	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	9000
What was the total volume of replacement material (in cubic yards) for this site	2450
<i>Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.</i>	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeding commence(d)	10/10/2023
Summarize any additional reclamation activities not included by answers (above)	see report
<i>The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeding plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.</i>	
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.	
I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com Date: 03/28/2024

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QUESTIONS, Page 8  
  
Action 327907

QUESTIONS (continued)

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	Action Number: 327907
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report	
Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.	
Requesting a restoration complete approval with this submission	No
Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.	



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CONDITIONS

Action 327907

CONDITIONS

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CONDITIONS

Created By	Condition	Condition Date
amaxwell	Reclamation approved	4/11/2024
amaxwell	All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeding activities, inspections, and final pictures when revegetation is achieved.	4/11/2024
amaxwell	OR Per 19.15.29.13 E. NMAC, if a reclamation and revegetation report has been submitted to the surface owner, it may be used if the requirements of the surface owner provide equal or better protection of freshwater, human health, and the environment. A copy of the approval of the reclamation and revegetation report from the surface owner and a copy of the approved reclamation and revegetation report will need to be submitted to the OCD via the Permitting website.	4/11/2024