



## SITE INFORMATION

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**Closure Report**  
**Modelo 10 Fed Com #607H**  
**Lea County, New Mexico**  
**NAPP2314251680**  
**Unit D Sec 10 T24S R32E**  
**32.2379548°, -103.668628°**

**Diesel Based Drilling Fluid Release**  
**Point of Release: Frac Tank Hose Ruptured**  
**Release Date: 05/09/2023**  
**Volume Released: 150 Barrels of Diesel Based Drilling Fluid**  
**Volume Recovered: 75 Barrels of Diesel Based Drilling Fluid**

**CARMONA RESOURCES**



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

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



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June 26, 2023

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

**Re: Closure Report  
Modelo 10 Fed Com #607H  
EOG Resources Inc.  
Incident #: NAPP2314251680  
Site Location: Unit D Sec 10 T24S R32E  
(Lat 32.2379548°, Long -103.668628°)  
Lea County, New Mexico**

To whom it may concern:

On behalf of EOG Resources Inc. (EOG), Carmona Resources, LLC has prepared this letter to document the Modelo 10 Fed Com #607H site activities. The site is located at 32.2379548°, -103.668628° within Unit D Sec 10 T24S R32E, in Lea County, New Mexico (Figures 1 and 2).

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

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on May 9, 2023. The cause of the release is from a ruptured frac tank hose. It released approximately one-hundred-fifty (150) barrels of diesel-based drilling fluid. Approximately seventy-five (75) barrels of diesel-based drilling fluid were recovered. The impacted area occurred on the pasture shown in Figure 3. The initial C-141 form is attached in Appendix C.

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

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water source is within a 0.50-mile radius of the location. The nearest identified well is approximately 0.87 miles Southwest of the site in S10, T24S, R32E and was drilled in 2010. The well has a reported depth to groundwater of 33.96' feet below the ground surface (ft bgs). A copy of the associated Summary Report is attached in Appendix D.

### **3.0 NMAC Regulatory Criteria**

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

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

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#### **4.0 Site Assessment Activities**

On May 16, 2023, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of nine (9) sample points (S-1 through S-9) and thirteen (13) horizontal samples (H-1 through H-13) were advanced to depths ranging from the surface to 3' bgs inside and surrounding the release areas to evaluate the vertical and horizontal extent. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Cardinal Laboratories in Hobbs, New Mexico. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 4500. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E. The sample locations are shown in Figure 3. Refer to Table 1.

See Table 1 for the analytical results.

#### **5.0 Remediation Activities**

Carmona Resources personnel were onsite to supervise the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via email on June 5, 2023, per Subsection D of 19.15.29.12 NMAC. See Appendix C. A total of one-hundred-six (106) floor confirmation samples were collected (CS-1 through CS-106), and forty-nine (49) sidewall samples (SW-1 through SW-49) were collected every 200 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 4500. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figure 4.

The confirmation samples (CS-8 through 14, CS-16, CS-17, CS-19, CS-21, CS-84, and CS-87 through CS-106) showed elevated TPH levels greater than 100 mg/kg and were excavated to an additional 0.5' to remove contaminated soil and was re-collected. Confirmation samples (CS-79 through CS-85) showed elevated Chloride levels greater than 600 mg/kg and were excavated to an additional 0.5' to remove contaminated soil and were re-collected.

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

Once the remediation activities were completed, the excavated areas were backfilled with clean material. Approximately 3,156 cubic yards of material were excavated and transported offsite for proper disposal.

#### **6.0 Conclusions**

Based on the assessment results and the analytical data, no further actions are required at the site. If you have any questions regarding this report or need additional information, please get in touch with us at 432-813-1992.

Sincerely,

**Carmona Resources, LLC**

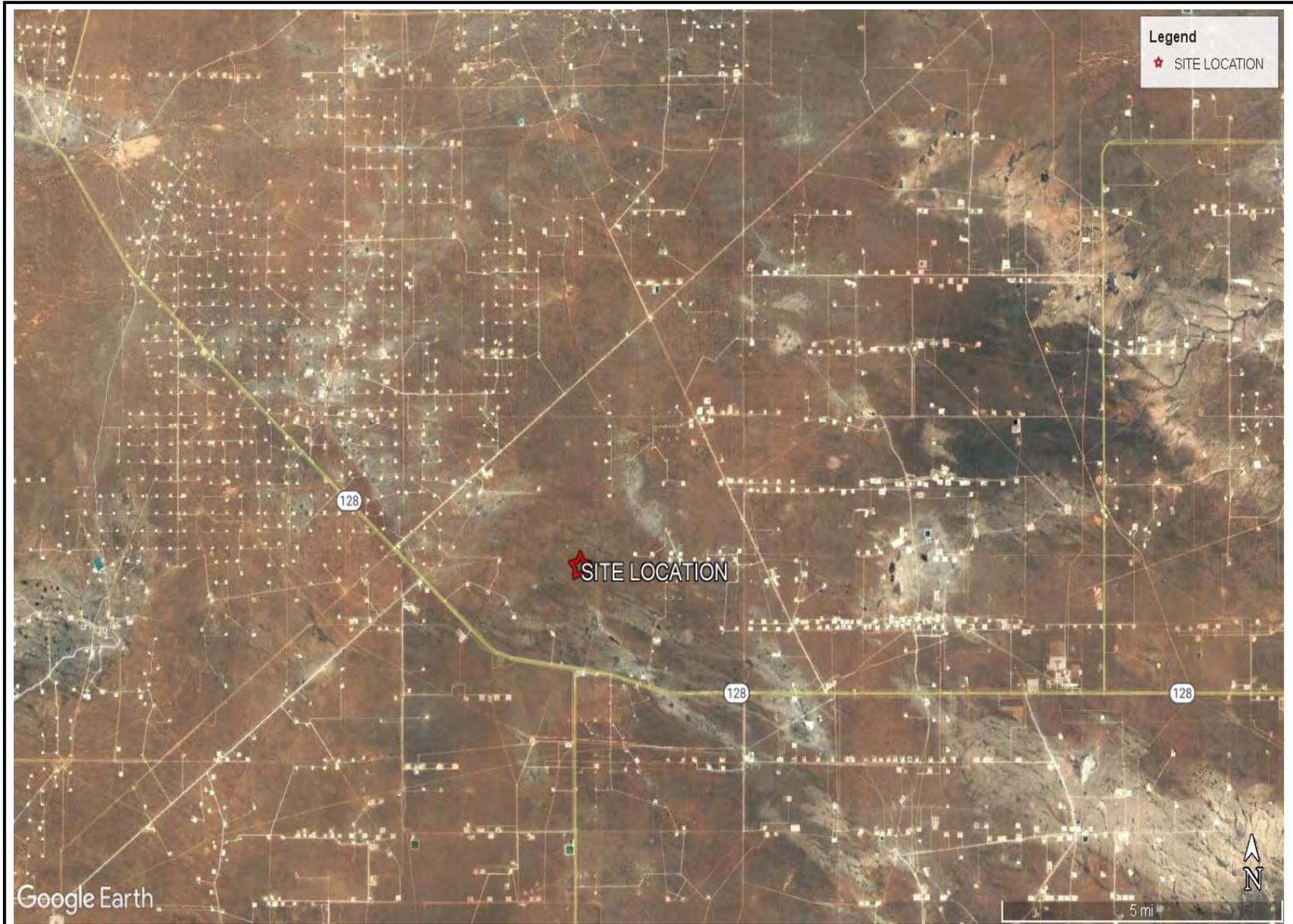
Mike Carmona  
Environmental Manager

Ashton Thielke  
Sr. Project Manager

# FIGURES

CARMONA RESOURCES

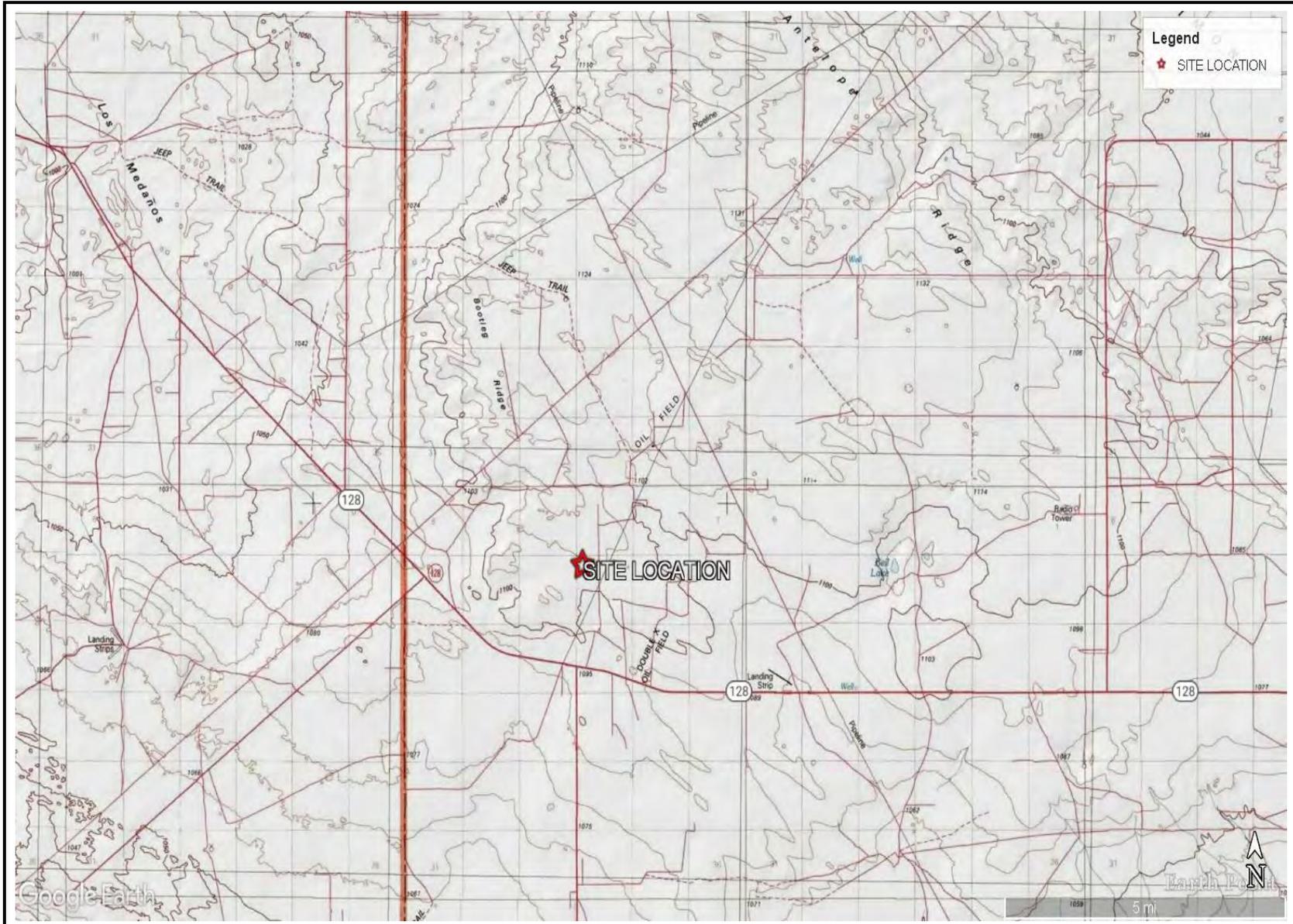




OVERVIEW MAP  
EOG RESOURCES  
MODELO 10 FED COM #607H  
LEA COUNTY, NEW MEXICO  
32.2379548°, -103.668628°



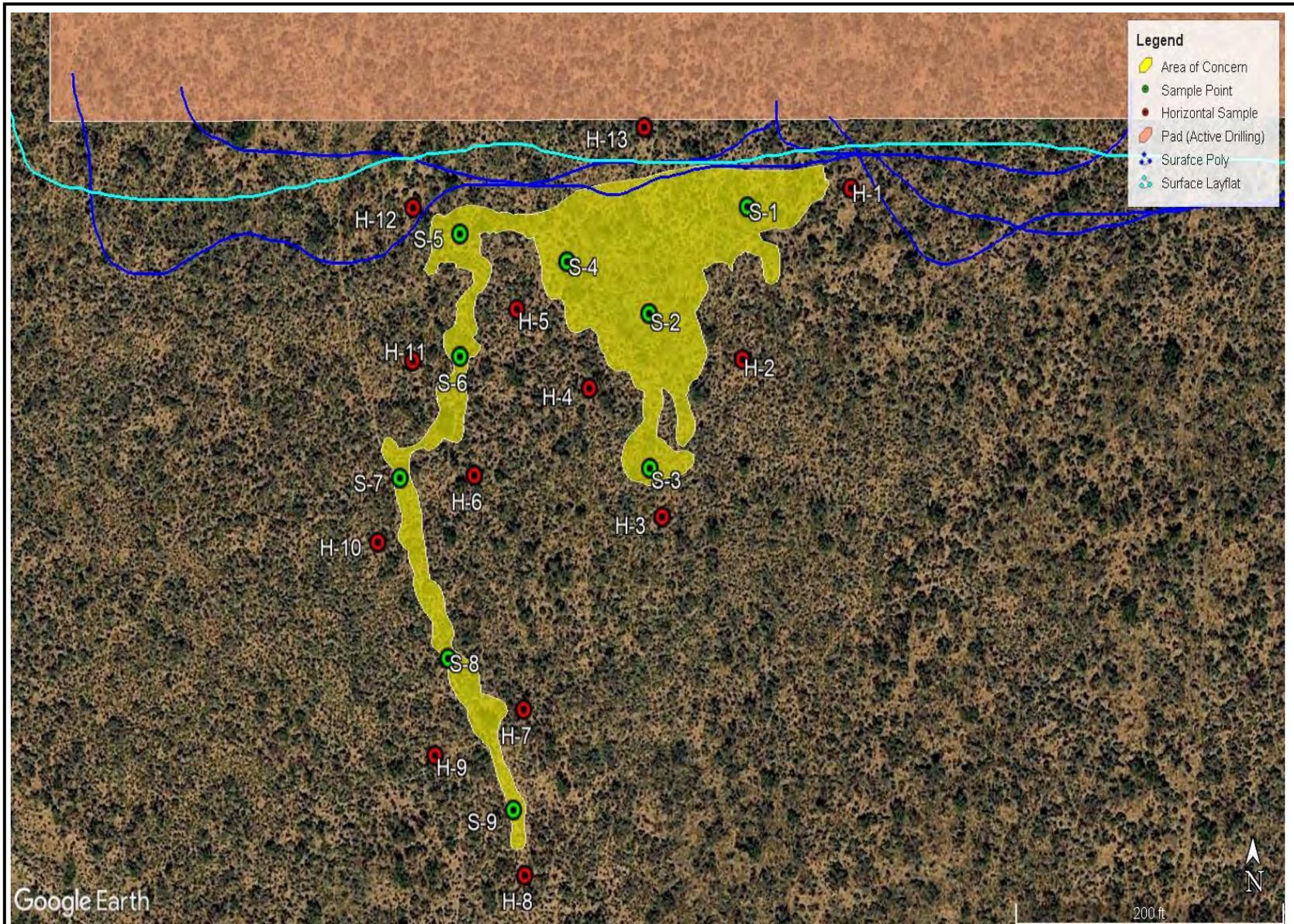
FIGURE 1



TOPOGRAPHIC MAP  
EOG RESOURCES  
MODELO 10 FED COM #607H  
LEA COUNTY, NEW MEXICO  
32.2379548°, -103.668628°



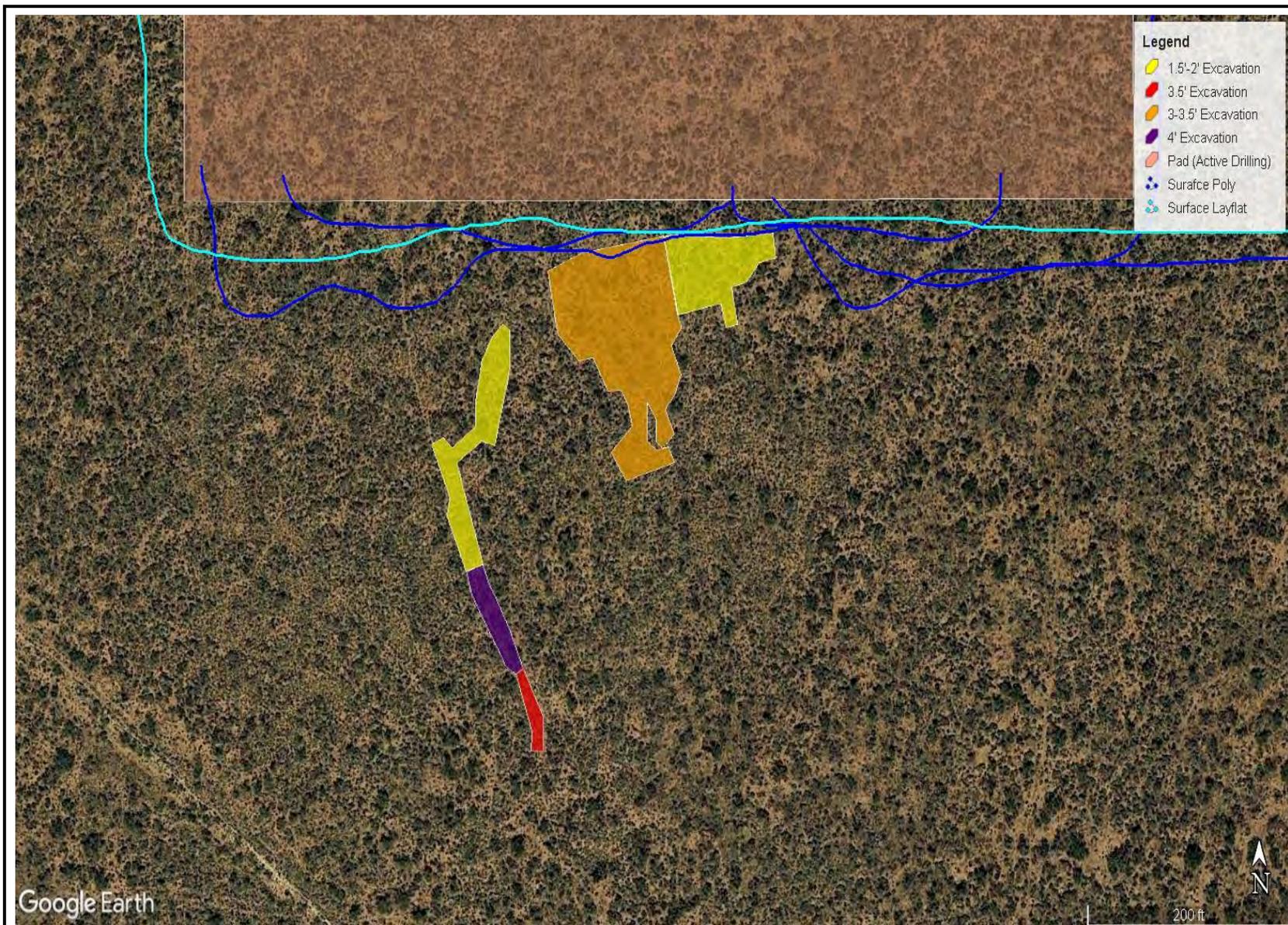
FIGURE 2



SAMPLE LOCATION MAP  
EOG RESOURCES  
MODELO 10 FED COM #607H  
LEA COUNTY, NEW MEXICO  
32.2379548°, -103.668628°



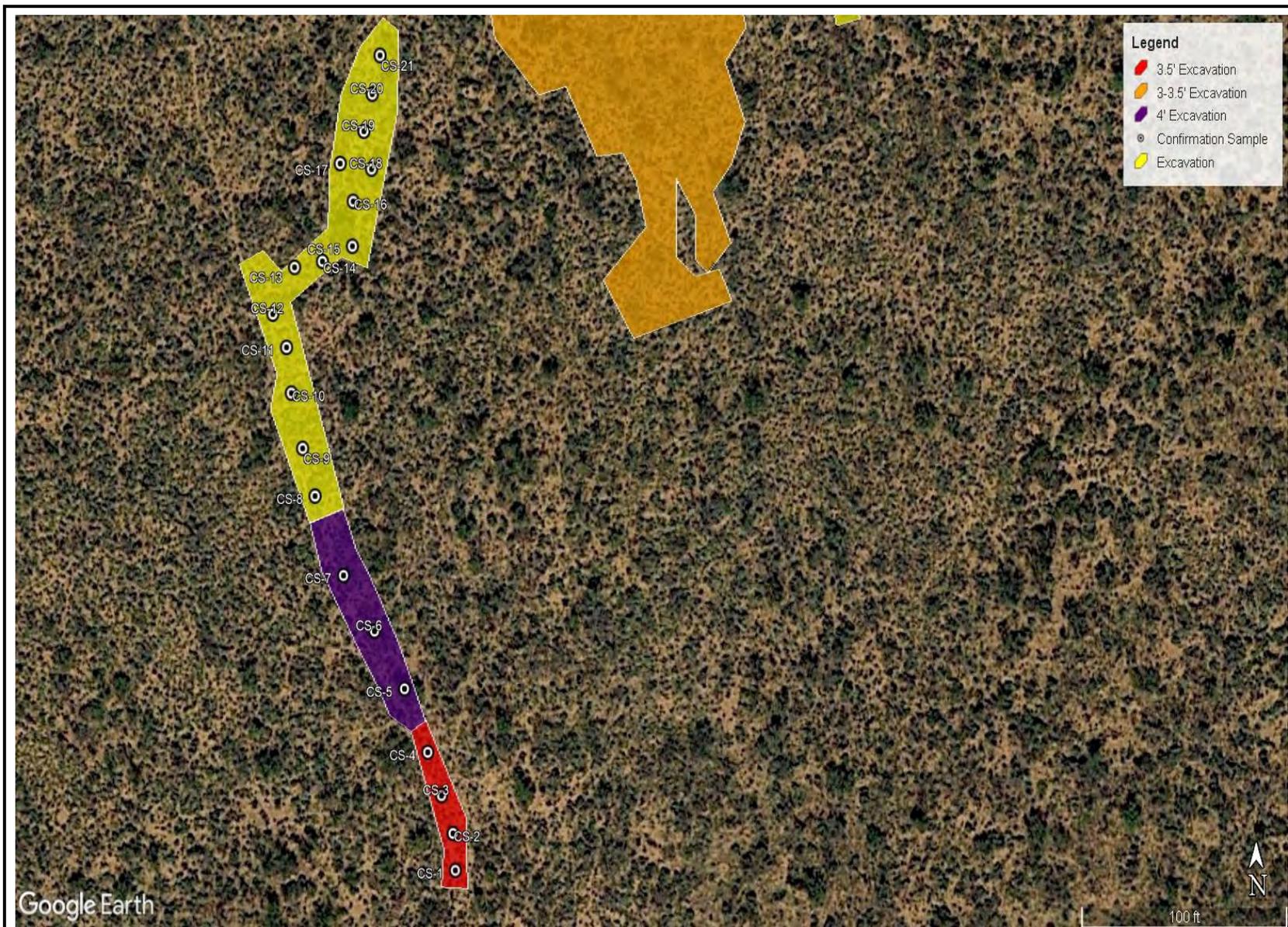
FIGURE 3



EXCAVATION OVERVIEW MAP  
EOG RESOURCES  
MODELO 10 FED COM #607H  
LEA COUNTY, NEW MEXICO  
32.2379548°, -103.668628°



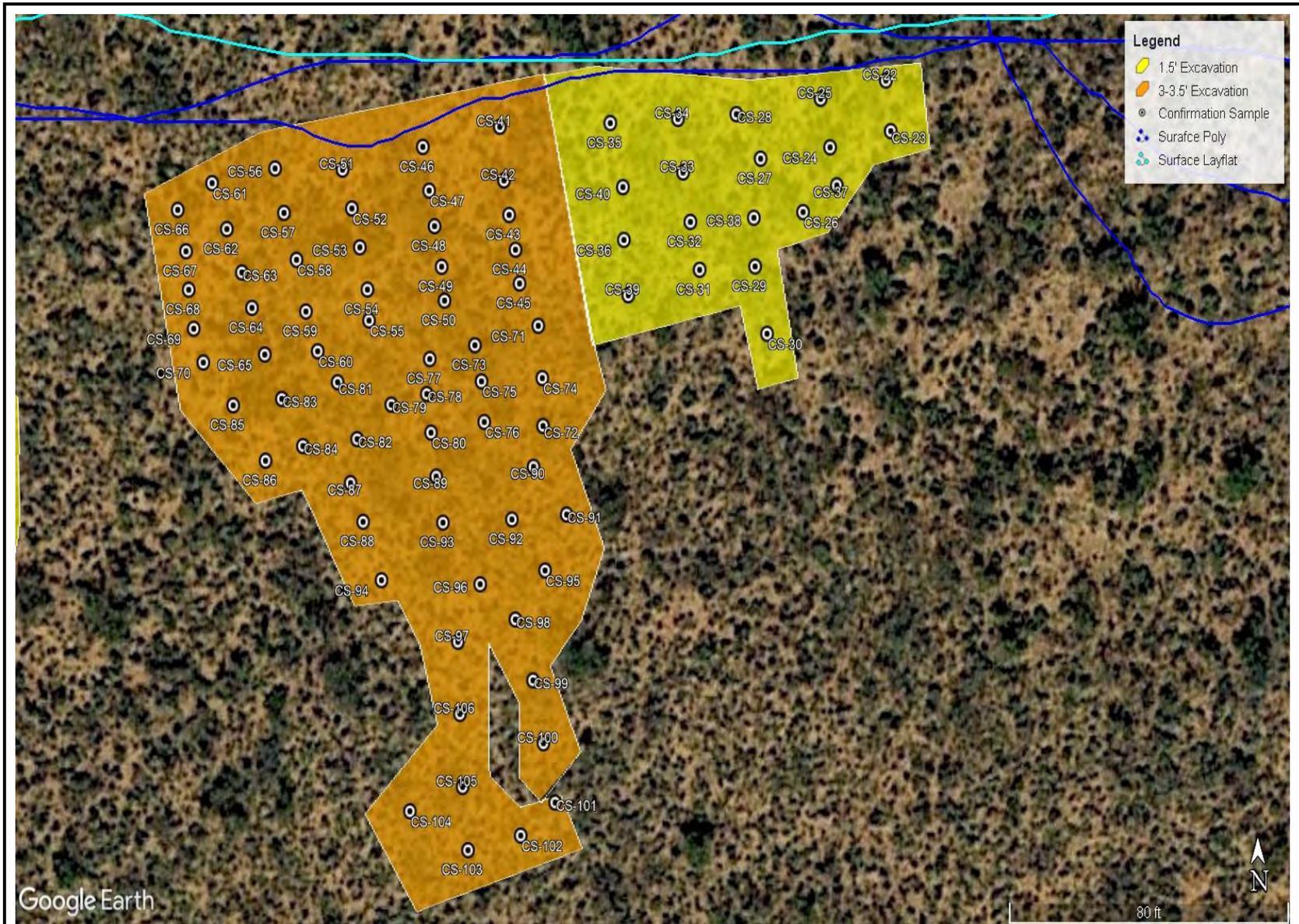
FIGURE 4



EXCAVATION MAP  
EOG RESOURCES  
MODELO 10 FED COM #607H  
LEA COUNTY, NEW MEXICO  
32.2379548°, -103.668628°



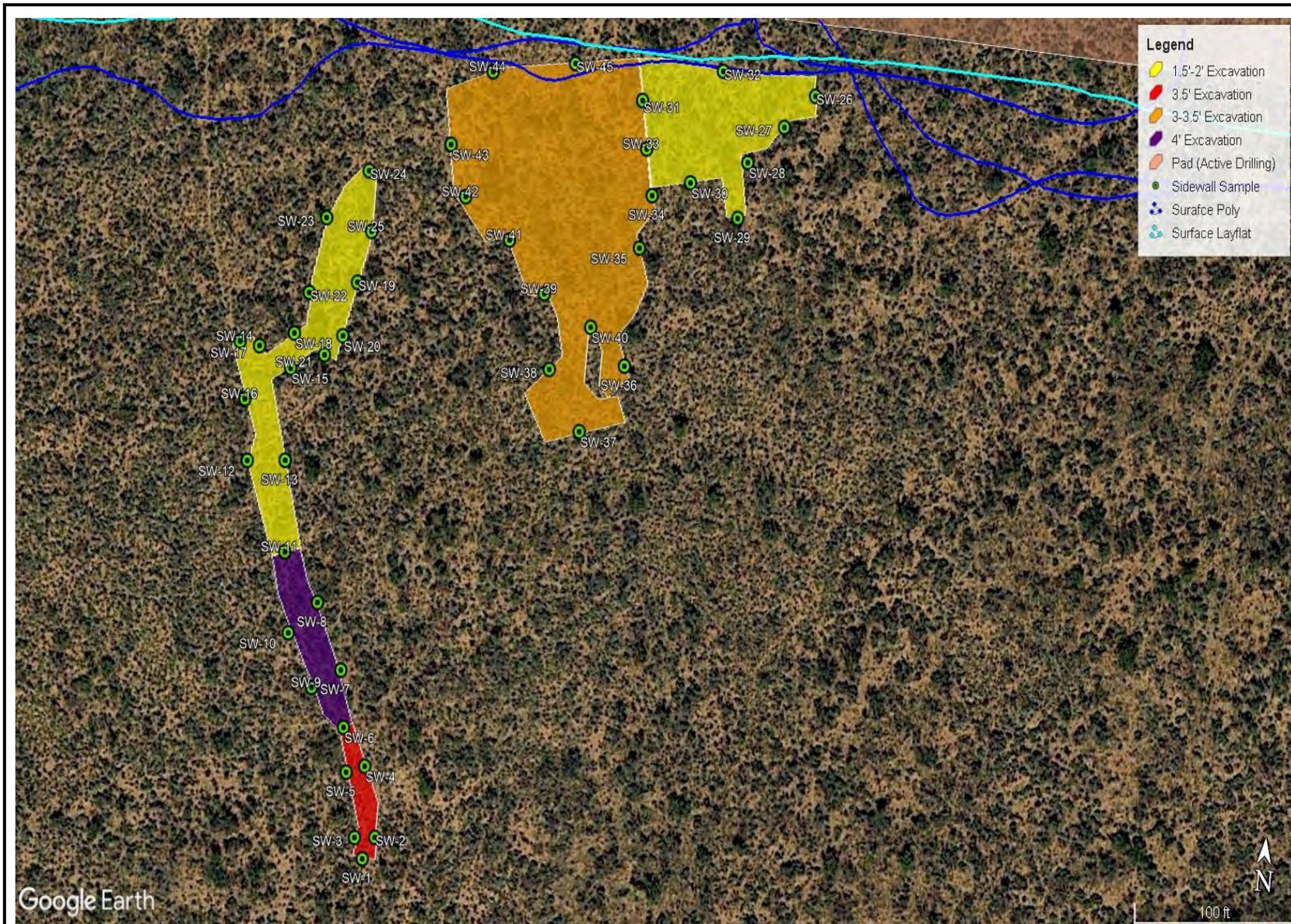
FIGURE 4A



EXCAVATION MAP  
EOG RESOURCES  
MODELO 10 FED COM #607H  
LEA COUNTY, NEW MEXICO  
32.2379548°, -103.668628°



FIGURE 4B



EXCAVATION MAP  
EOG RESOURCES  
MODELO 10 FED COM #607H  
LEA COUNTY, NEW MEXICO  
32.2379548°, -103.668628°



FIGURE 4C

# APPENDIX A

CARMONA RESOURCES



**Table 1**  
**EOG Resources**  
**Modelo 10 Fed Com 607 Spill**  
**Lea 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						
S-1	5/16/2023	0-1	33.3	<b>5,350</b>	<b>916</b>	<b>6,299</b>	<0.050	<0.050	0.055	0.216	<0.300	<b>2,640</b>
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
	"	3.0	<10.0	38.3	<10.0	38.3	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
S-2	5/16/2023	0-1	<b>682</b>	<b>36,400</b>	<b>5,890</b>	<b>42,972</b>	<0.050	1.18	2.50	12.7	16.4	<b>7,200</b>
	"	1.5	75.5	<b>3,530</b>	<b>455</b>	<b>4,061</b>	<0.050	0.07	0.49	1.37	1.93	240
	"	2.0	<10.0	<b>185</b>	17.2	<b>202</b>	<0.050	<0.050	<0.050	<0.150	<0.300	192
S-3	5/16/2023	0-1	<b>156</b>	<b>15,100</b>	<b>2,170</b>	<b>17,426</b>	<0.050	0.124	0.35	1.78	2.25	<b>2,120</b>
	"	1.5	<b>125</b>	<b>4,120</b>	<b>490</b>	<b>4,753</b>	<0.050	0.343	1.02	4.94	6.31	<b>544</b>
	"	2.0	17.1	<b>628</b>	53	<b>698</b>	<0.050	<0.050	0.118	0.541	0.659	384
S-4	5/16/2023	0-1	<b>1,090</b>	<b>30,400</b>	<b>3,630</b>	<b>35,120</b>	0.157	2.33	4.25	19.1	25.8	<b>6,080</b>
	"	1.5	<10.0	<b>381</b>	27.4	<b>408</b>	<0.050	<0.050	<0.050	<0.150	<0.300	<b>6,560</b>
	"	2.0	<10.0	<b>349</b>	33.3	<b>382</b>	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
S-5	5/16/2023	0-1	<10.0	33.1	<10.0	33.1	<0.050	<0.050	<0.050	<0.150	<0.300	368
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	"	2.0	<10.0	33.2	<10.0	33.2	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
S-6	5/16/2023	0-1	<b>736</b>	<b>27,400</b>	<b>3,350</b>	<b>31,486</b>	0.103	1.49	3.86	19.0	24.4	<b>2,640</b>
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
S-7	5/16/2023	0-1	<10.0	12.7	<10.0	12.7	<0.050	<0.050	<0.050	<0.150	<0.300	<b>3,360</b>
	"	1.5	<10.0	117	<10.0	117	<0.050	<0.050	<0.050	<0.150	<0.300	208
	"	2.0	<10.0	156	<10.0	156	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
S-8	5/16/2023	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	"	1.5	<10.0	96.9	<10.0	96.9	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
	"	2.0	<10.0	<b>166</b>	14.5	<b>181</b>	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
S-9	5/16/2023	0-1	<b>1,350</b>	<b>33,300</b>	<b>4,050</b>	<b>38,700</b>	0.291	3.34	7.29	31.6	42.5	<b>9,200</b>
	"	1.5	<b>202</b>	<b>4,860</b>	<b>962</b>	<b>6,024</b>	<0.050	0.081	0.245	1.04	1.37	<b>11,500</b>
	"	2.5	<10.0	50.2	<10.0	50.2	<0.050	<0.050	<0.050	<0.150	<0.300	<b>640</b>
	"	3.0	<10.0	395	42.2	<b>437</b>	<0.050	<0.050	0.051	0.27	0.321	272
<i>Regulatory Criteria<sup>A</sup></i>			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed

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

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(S) Soil Sample

Removed

**Table 1**  
**EOG Resources**  
**Modelo 10 Fed Com 607 Spill**  
**Lea 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	5/16/2023	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-2	5/16/2023	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-3	5/16/2023	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-4	5/16/2023	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-5	5/16/2023	0-0.5	<10.0	16.5	<10.0	16.5	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-6	5/16/2023	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-7	5/16/2023	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-8	5/16/2023	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-9	5/16/2023	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-10	5/16/2023	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-11	5/16/2023	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-12	5/16/2023	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-13	5/16/2023	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
<b>Regulatory Criteria<sup>A</sup></b>			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) 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**  
**Modelo 10 Fed Com 607 Spill**  
**Lea County, New Mexico**

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	6/8/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-2	6/8/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-3	6/8/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-4	6/8/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-5	6/8/2023	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-6	6/8/2023	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-7	6/8/2023	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-8	6/15/2023	1.5	<10.0	269	26.6	296	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
	6/19/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-9	6/15/2023	1.5	<10.0	359	49.3	408	<0.050	<0.050	<0.050	<0.150	<0.300	112
	6/19/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-10	6/15/2023	1.5	<10.0	260	24.0	284	<0.050	<0.050	<0.050	<0.150	<0.300	128
	6/19/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-11	6/15/2023	1.5	<10.0	109	<10.0	109	<0.050	<0.050	<0.050	<0.150	<0.300	240
	6/19/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-12	6/15/2023	1.5	<10.0	59.9	<10.0	59.9	<0.050	<0.050	<0.050	<0.150	<0.300	352
CS-13	6/15/2023	1.5	<10.0	136	14.6	151	<0.050	<0.050	<0.050	<0.150	<0.300	368
	6/19/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-14	6/15/2023	1.5	<10.0	109	10.5	120	<0.050	<0.050	<0.050	<0.150	<0.300	368
	6/19/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-15	6/15/2023	2.5	<10.0	73.6	<10.0	73.6	<0.050	<0.050	<0.050	<0.150	<0.300	256
CS-16	6/15/2023	1.5	<10.0	154	14.0	168	<0.050	<0.050	<0.050	<0.150	<0.300	336
	6/19/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-17	6/15/2023	1.5	<10.0	128	29.8	168	<0.050	<0.050	<0.050	<0.150	<0.300	304
	6/19/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-18	6/15/2023	1.5	<10.0	45.8	<10.0	45.8	<0.050	<0.050	<0.050	<0.150	<0.300	304
CS-19	6/15/2023	1.5	<10.0	152	33.5	186	<0.050	<0.050	<0.050	<0.150	<0.300	352
	6/19/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-20	6/15/2023	1.5	<10.0	82.4	12.2	94.6	<0.050	<0.050	<0.050	<0.150	<0.300	384
CS-21	6/15/2023	1.5	<10.0	89.0	15.6	105	<0.050	<0.050	<0.050	<0.150	<0.300	352
	6/19/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
<i>Regulatory Criteria<sup>A</sup></i>			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 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  
Removed

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

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-22	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-23	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-24	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-25	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-26	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-27	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-28	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-29	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-30	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-31	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-32	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-33	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-34	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-35	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-36	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-37	6/15/2023	1.5	<10.0	17.2	<10.0	17.2	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-38	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-39	6/15/2023	1.5	<10.0	34.7	<10.0	34.7	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-40	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-41	6/15/2023	3.0	<10.0	35.0	<10.0	35.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-42	6/15/2023	3.0	<10.0	37.0	<10.0	37.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-43	6/15/2023	3.0	<10.0	68.5	<10.0	68.5	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-44	6/15/2023	3.0	<10.0	41.5	<10.0	41.5	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-45	6/15/2023	3.0	<10.0	55.8	<10.0	55.8	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-46	6/15/2023	3.0	<10.0	31.8	<10.0	31.8	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-47	6/15/2023	3.0	<10.0	47.2	<10.0	47.2	<0.050	<0.050	<0.050	<0.150	<0.300	144
<b>Regulatory Criteria<sup>A</sup></b>			<b>1,000 mg/kg</b>		<b>2,500 mg/kg</b>		<b>10 mg/kg</b>				<b>50 mg/kg</b>	<b>10,000 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  
 Removed

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

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-48	6/15/2023	3.0	<10.0	32.8	<10.0	32.8	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-49	6/15/2023	3.0	<10.0	39.0	<10.0	39.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-50	6/15/2023	3.0	<10.0	30.5	<10.0	30.5	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-51	6/15/2023	3.0	<10.0	37.1	<10.0	37.1	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-52	6/15/2023	3.0	<10.0	36.2	<10.0	36.2	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-53	6/15/2023	3.0	<10.0	33.2	<10.0	33.2	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-54	6/15/2023	3.0	<10.0	26.1	<10.0	26.1	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-55	6/15/2023	3.0	<10.0	29.9	<10.0	29.9	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-56	6/15/2023	3.0	<10.0	25.6	<10.0	25.6	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-57	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-58	6/15/2023	3.0	<10.0	11.9	<10.0	11.9	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-59	6/15/2023	3.0	<10.0	10.8	<10.0	108	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-60	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-61	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-62	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-63	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-64	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-65	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-66	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-67	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-68	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-69	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-70	6/15/2023	3.0	<10.0	11.4	<10.0	11.4	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-71	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-72	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-73	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
<b>Regulatory Criteria<sup>A</sup></b>			<b>1,000 mg/kg</b>		<b>2,500 mg/kg</b>		<b>10 mg/kg</b>				<b>50 mg/kg</b>	<b>10,000 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  
 Removed

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

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-74	6/15/2023	3.0	<10.0	13.2	<10.0	13.2	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-75	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-76	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-77	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-78	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-79	6/15/2023	3.0	<10.0	31.9	<10.0	31.9	<0.050	<0.050	<0.050	<0.150	<0.300	1,040
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-80	6/15/2023	3.0	<10.0	69.6	<10.0	69.6	<0.050	<0.050	<0.050	<0.150	<0.300	1,070
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-81	6/15/2023	3.0	<10.0	70.8	<10.0	70.8	<0.050	<0.050	<0.050	<0.150	<0.300	1,120
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-82	6/15/2023	3.0	<10.0	65.5	<10.0	65.5	<0.050	<0.050	<0.050	<0.150	<0.300	1,280
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-83	6/15/2023	3.0	<10.0	87.7	<10.0	87.7	<0.050	<0.050	<0.050	<0.150	<0.300	1,330
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-84	6/15/2023	3.0	<10.0	101	<10.0	101	<0.050	<0.050	<0.050	<0.150	<0.300	1,120
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-85	6/15/2023	3.0	<10.0	93.7	<10.0	93.7	<0.050	<0.050	<0.050	<0.150	<0.300	1,260
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-86	6/15/2023	3.0	<10.0	88.7	<10.0	88.7	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-87	6/15/2023	3.0	<10.0	295	48.7	344	<0.050	<0.050	<0.050	<0.150	<0.300	112
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-88	6/15/2023	3.0	<10.0	283	36.4	319	<0.050	<0.050	<0.050	<0.150	<0.300	112
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-89	6/15/2023	3.0	<10.0	338	51.9	390	<0.050	<0.050	<0.050	<0.150	<0.300	112
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-90	6/15/2023	3.0	<10.0	546	89.5	636	<0.050	<0.050	<0.050	<0.150	<0.300	112
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-91	6/15/2023	3.0	<10.0	470	77.0	547	<0.050	<0.050	<0.050	<0.150	<0.300	128
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-92	6/15/2023	3.0	<10.0	327	48.5	376	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
<b>Regulatory Criteria<sup>A</sup></b>			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 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  
 Removed

**Table 2**  
**EOG Resources**  
**Modelo 10 Fed Com 607 Spill**  
**Lea 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-92	6/15/2023	3.0	<10.0	327	48.5	376	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-93	6/15/2023	3.0	<10.0	475	72.4	547	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-94	6/15/2023	3.0	<10.0	290	43.1	333	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-95	6/15/2023	3.0	<10.0	356	56.8	413	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-96	6/15/2023	3.0	<10.0	538	87.6	626	<0.050	<0.050	<0.050	<0.150	<0.300	112
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-97	6/15/2023	3.0	<10.0	441	94.6	536	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-98	6/15/2023	3.0	<10.0	437	93.2	530	<0.050	<0.050	<0.050	<0.150	<0.300	112
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-99	6/15/2023	3.0	<10.0	508	110	618	<0.050	<0.050	<0.050	<0.150	<0.300	112
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-100	6/15/2023	3.0	<10.0	538	111	649	<0.050	<0.050	<0.050	<0.150	<0.300	112
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-101	6/15/2023	3.0	<10.0	442	95.2	537	<0.050	<0.050	<0.050	<0.150	<0.300	112
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-102	6/15/2023	3.0	<10.0	92.0	20.3	102	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-103	6/15/2023	3.0	<10.0	103	25.5	129	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-104	6/15/2023	3.0	<10.0	95.6	22.6	118	<0.050	<0.050	<0.050	<0.150	<0.300	112
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-105	6/15/2023	3.0	<10.0	84.0	18.1	102	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-106	6/15/2023	3.0	<10.0	126	30.8	157	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
	6/19/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
<b>Regulatory Criteria<sup>A</sup></b>			<b>1,000 mg/kg</b>		<b>2,500 mg/kg</b>		<b>10 mg/kg</b>				<b>50 mg/kg</b>	<b>10,000 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  
 Removed

**Table 2**  
**EOG Resources**  
**Modelo 10 Fed Com 607 Spill**  
**Lea 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	6/15/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-2	6/15/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-3	6/15/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-4	6/15/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-5	6/15/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-6	6/15/2023	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-7	6/15/2023	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-8	6/15/2023	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-9	6/15/2023	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-10	6/15/2023	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-11	6/15/2023	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-12	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-13	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-14	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-15	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-16	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-17	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-18	6/15/2023	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-19	6/15/2023	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-20	6/15/2023	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-21	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-22	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-23	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	400
SW-24	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	400
SW-25	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
SW-26	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
<b>Regulatory Criteria<sup>A</sup></b>			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 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

**Table 2**  
**EOG Resources**  
**Modelo 10 Fed Com 607 Spill**  
**Lea 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-27	6/15/2023	1.5	<10.0	10.4	<10.0	10.4	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-28	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-29	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-30	6/15/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-31	6/15/2023	2.0	<10.0	59.9	<10.0	59.9	<0.050	<0.050	<0.050	<0.150	<0.300	224
SW-32	6/15/2023	1.5	<10.0	21.5	<10.0	21.5	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-33	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-34	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-35	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
SW-36	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
SW-37	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
SW-38	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
SW-39	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
SW-40	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
SW-41	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
SW-42	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
SW-43	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
SW-44	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
SW-45	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304
SW-46	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-47	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-48	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-49	6/15/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
<i>Regulatory Criteria<sup>A</sup></i>			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 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

## APPENDIX B

CARMONA RESOURCES



# PHOTOGRAPHIC LOG

## EOG Resources

### Photograph No. 1

**Facility:** Modelo 10 Fed Com #607H

**County:** Lea County, New Mexico

**Description:**

View South, Area of CS-1 and CS-4.



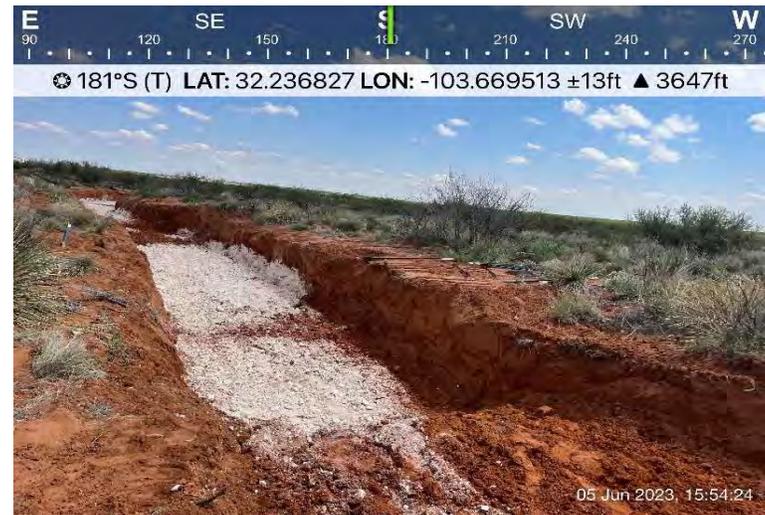
### Photograph No. 2

**Facility:** Modelo 10 Fed Com #607H

**County:** Lea County, New Mexico

**Description:**

View South, Area of CS-1 and CS-7.



### Photograph No. 3

**Facility:** Modelo 10 Fed Com #607H

**County:** Lea County, New Mexico

**Description:**

View Northwest, Area of CS-8 and CS-12.



# PHOTOGRAPHIC LOG

## EOG Resources

### Photograph No. 4

**Facility:** Modelo 10 Fed Com #607H

**County:** Lea County, New Mexico

**Description:**  
View Southwest, Area of CS-11 and CS-15.



### Photograph No. 5

**Facility:** Modelo 10 Fed Com #607H

**County:** Lea County, New Mexico

**Description:**  
View Southwest, Area of CS-15 and CS-21.



### Photograph No. 6

**Facility:** Modelo 10 Fed Com #607H

**County:** Lea County, New Mexico

**Description:**  
View Southwest, Area of CS-22 and CS-40.



# PHOTOGRAPHIC LOG

## EOG Resources

### Photograph No. 7

**Facility:** Modelo 10 Fed Com #607H

**County:** Lea County, New Mexico

**Description:**

View Southeast, Area of CS-22 and CS-40.



### Photograph No. 8

**Facility:** Modelo 10 Fed Com #607H

**County:** Lea County, New Mexico

**Description:**

View Southeast, Area of CS-41 and CS-49.



### Photograph No. 9

**Facility:** Modelo 10 Fed Com #607H

**County:** Lea County, New Mexico

**Description:**

View South, Area of CS-49 and CS-106.



# PHOTOGRAPHIC LOG

## EOG Resources

### Photograph No. 10

**Facility:** Modelo 10 Fed Com #607H

**County:** Lea County, New Mexico

**Description:**

View Southwest, Area of CS-56 and CS-70.



### Photograph No. 11

**Facility:** Modelo 10 Fed Com #607H

**County:** Lea County, New Mexico

**Description:**

View East, Area of CS-41 and CS-106.



### Photograph No. 12

**Facility:** Modelo 10 Fed Com #607H

**County:** Lea County, New Mexico

**Description:**

View North, Area of CS-97 and CS-106.



# APPENDIX C

CARMONA RESOURCES



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

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

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

Incident ID	NAPP2314251680
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

Responsible Party EOG Resources	OGRID 7377
Contact Name James Kennedy	Contact Telephone 432-848-9146
Contact email james_kennedy@eogresources.com	Incident # (assigned by OCD) nAPP2314251680
Contact mailing address 5509 Champions Drive Midland, TX 79706	

### Location of Release Source

Latitude 32.2379548 Longitude -103.668628  
*(NAD 83 in decimal degrees to 5 decimal places)*

Site Name Modelo 10 Fed Com #607H	Site Type well facility
Date Release Discovered 05/09/2023	API# (if applicable) 30-025-50941

Unit Letter	Section	Township	Range	County
D	10	24S	32E	Lea

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

### Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input checked="" type="checkbox"/> Other (describe) Diesel based drilling fluid	Volume/Weight Released (provide units) 150 bbls	Volume/Weight Recovered (provide units) 75 bbls

A frac tank hose ruptured causing release.

State of New Mexico  
Oil Conservation Division

Incident ID	NAPP2314251680
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? Greater than 25 bbls
---	--

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?  
 Yes, Todd Wells, [OCD.enviro@emnrd.nm.gov](mailto:OCD.enviro@emnrd.nm.gov), 05/09/23, email.

### Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
--

If all the actions described above have not 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: James F. Kennedy Title: Env Specialist  
 Signature:  Date: 05/22/2023  
 email: james\_kennedy@eogresouirces.com Telephone: 432-258-4346

**OCD Only**  
 Received by: Jocelyn Harimon Date: 05/23/2023

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 F. Kennedy Date: \_\_\_\_\_

email: \_\_\_\_\_ Telephone: \_\_\_\_\_

**OCD Only**

Received by: Shelly Wells Date: 6/26/2023

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 F. Kennedy Date: \_\_\_\_\_  
 email: \_\_\_\_\_ Telephone: \_\_\_\_\_

**OCD Only**

Received by: Shelly Wells Date: 6/26/2023

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: Nelson Velez Date: 09/20/2023  
 Printed Name: Nelson Velez Title: Environmental Specialist - Adv

---

**From:** Enviro, OCD, EMNRD  
**Sent:** Tuesday, June 6, 2023 10:22 AM  
**To:** Mike Carmona  
**Cc:** Bratcher, Michael, EMNRD; Velez, Nelson, EMNRD  
**Subject:** RE: [EXTERNAL] EOG Modelo 10 Fed Com 607 - Sampling Notification - Incident No. nAPP2314251680

Mike,

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

JH

**Jocelyn Harimon** • Environmental Specialist  
Environmental Bureau  
EMNRD - Oil Conservation Division  
1220 South St. Francis Drive | Santa Fe, NM 87505  
(505)469-2821 | [Jocelyn.Harimon@emnrd.nm.gov](mailto:Jocelyn.Harimon@emnrd.nm.gov)  
[http:// www.emnrd.nm.gov](http://www.emnrd.nm.gov)



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**From:** Mike Carmona <[Mcarmona@carmonaresources.com](mailto:Mcarmona@carmonaresources.com)>  
**Sent:** Monday, June 5, 2023 8:15 PM  
**To:** Enviro, OCD, EMNRD <[OCD.Enviro@emnrd.nm.gov](mailto:OCD.Enviro@emnrd.nm.gov)>  
**Cc:** Conner Moehring <[Cmoehring@carmonaresources.com](mailto:Cmoehring@carmonaresources.com)>; James Kennedy <[James\\_Kennedy@eogresources.com](mailto:James_Kennedy@eogresources.com)>  
**Subject:** [EXTERNAL] EOG Modelo 10 Fed Com 607 - Sampling Notification - Incident No. nAPP2314251680

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

All,

This email serves as a notification for confirmation sampling on the EOG Modelo 10 Fed Com 607 Release. Sampling is scheduled to begin on Thursday, June 8<sup>th</sup> around 8:00 a.m. Mountain Time. Carmona Resources personnel will be on-site to collect the confirmation samples.

Incident No. nAPP2314251680

## APPENDIX D

CARMONA RESOURCES

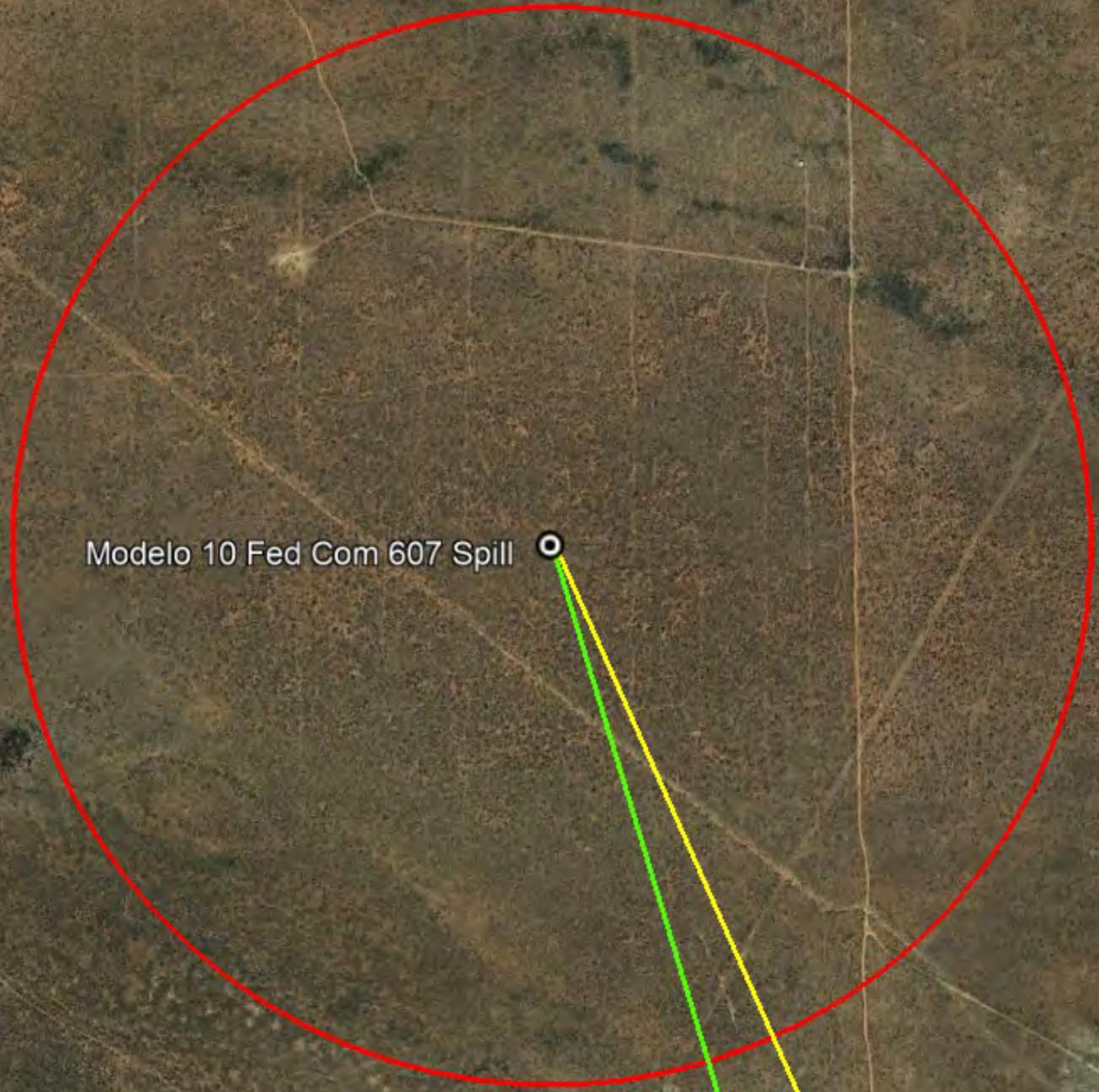


# Nearest water well

EOG Resources

**Legend**

- 0.5 Mile Radius
- 0.87 Miles
- 0.95 Miles
- Modelo 10 Fed Com 607 Spill
- NMSEO Water Well
- USGS Water Well



Modelo 10 Fed Com 607 Spill

33.96' - Drilled 2010

133' - Drilled 2012



# Low Karst

EOG Resources

**Legend**

-  Low
-  Modelo 10 Fed Com 607 Spill

Modelo 10 Fed Com 607 Spill 



2000 ft



# 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 03527 POD1</a>	C	LE		1	2	3	03	24S	32E	625770	3568487	1041	500		
<a href="#">C 02350</a>	CUB	ED		4	3	10	24S	32E	625826	3566333*	1254	60			
<a href="#">C 03528 POD1</a>	C	LE		1	1	2	15	24S	32E	626040	3566129	1524	541	133	408
<a href="#">C 03555 POD1</a>	C	LE		2	2	1	05	24S	32E	622748	3569233	3160	600	380	220
<a href="#">C 01932</a>	C	ED		3	1	12	24S	32E	628633	3567188*	3249	492			

Average Depth to Water: **256 feet**  
 Minimum Depth: **133 feet**  
 Maximum Depth: **380 feet**

**Record Count: 5**

**UTMNAD83 Radius Search (in meters):**

**Easting (X):** 625400

**Northing (Y):** 3567513

**Radius:** 4000

\*UTM location was derived from PLSS - see Help

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



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National Water Information System: Web Interface

USGS Water Resources

Data Category:  Geographic Area:

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

Groundwater levels for New Mexico

Click to hide state-specific text

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

**Search Results -- 1 sites found**

Agency code = usgs  
 site\_no list = 

- 321312103395601

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

**USGS 321312103395601 24S.32E.10.344333**

Lea County, New Mexico  
 Latitude 32°13'30.4", Longitude 103°39'52.7" NAD83  
 Land-surface elevation 3,589.00 feet above NGVD29  
 The depth of the well is 60 feet below land surface.  
 This well is completed in the Other aquifers (N9999OTHER) national aquifer.  
 This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

**Output formats**

<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 measur
1950-04-13			D 62610		3555.36	NGVD29	1		Z	
1950-04-13			D 62611		3557.09	NAVD88	1		Z	
1950-04-13			D 72019	33.64			1		Z	
1955-06-03			D 62610		3557.10	NGVD29	P		Z	
1955-06-03			D 62611		3558.83	NAVD88	P		Z	
1955-06-03			D 72019	31.90			P		Z	
1976-01-22			D 62610		3557.20	NGVD29	1		Z	
1976-01-22			D 62611		3558.93	NAVD88	1		Z	
1976-01-22			D 72019	31.80			1		Z	
1981-03-20			D 62610		3569.07	NGVD29	1		Z	
1981-03-20			D 62611		3570.80	NAVD88	1		Z	
1981-03-20			D 72019	19.93			1		Z	
1986-03-18			D 62610		3551.84	NGVD29	1		Z	
1986-03-18			D 62611		3553.57	NAVD88	1		Z	

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measur
1986-03-18			D	72019	37.16				Z	
1991-05-29			D	62610		3549.36	NGVD29	1	Z	
1991-05-29			D	62611		3551.09	NAVD88	1	Z	
1991-05-29			D	72019	39.64			1	Z	
1996-03-14			D	62610		3550.80	NGVD29	1	S	
1996-03-14			D	62611		3552.53	NAVD88	1	S	
1996-03-14			D	72019	38.20			1	S	
2001-02-27			D	62610		3552.42	NGVD29	1	S	
2001-02-27			D	62611		3554.15	NAVD88	1	S	
2001-02-27			D	72019	36.58			1	S	
2006-02-07	16:30 UTC		m	62610		3569.60	NGVD29	1	S	USGS
2006-02-07	16:30 UTC		m	62611		3571.33	NAVD88	1	S	USGS
2006-02-07	16:30 UTC		m	72019	19.40			1	S	USGS
2010-12-16	22:30 UTC		m	62610		3555.04	NGVD29	1	S	USGS
2010-12-16	22:30 UTC		m	62611		3556.77	NAVD88	1	S	USGS
2010-12-16	22:30 UTC		m	72019	33.96			1	S	USGS

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Status	P	Pumping
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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



Page Contact Information: [New Mexico Water Data Maintainer](#)  
 Page Last Modified: 2023-05-09 16:22:27 EDT  
 0.28 0.24 nadww01



# 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)			
<b>Well Tag</b>	<b>POD Number</b>	(quarters are smallest to largest)	<b>Q64</b>	<b>Q16</b>	<b>Q4</b>	<b>Sec</b>	<b>Tws</b>	<b>Rng</b>	<b>X</b>	<b>Y</b>
C	03528	POD1	1	1	2	15	24S	32E	626040	3566129

<b>Driller License:</b> 1682	<b>Driller Company:</b> HUNGRY HORSE, LLC.	
<b>Driller Name:</b> NORRIS, JOHN D. (LD)		
<b>Drill Start Date:</b> 02/20/2012	<b>Drill Finish Date:</b> 03/12/2012	<b>Plug Date:</b>
<b>Log File Date:</b> 04/30/2012	<b>PCW Rev Date:</b>	<b>Source:</b> Shallow
<b>Pump Type:</b> SUBMER	<b>Pipe Discharge Size:</b>	<b>Estimated Yield:</b>
<b>Casing Size:</b> 6.38	<b>Depth Well:</b> 541 feet	<b>Depth Water:</b> 133 feet

Water Bearing Stratifications:	Top	Bottom	Description
	133	152	Sandstone/Gravel/Conglomerate

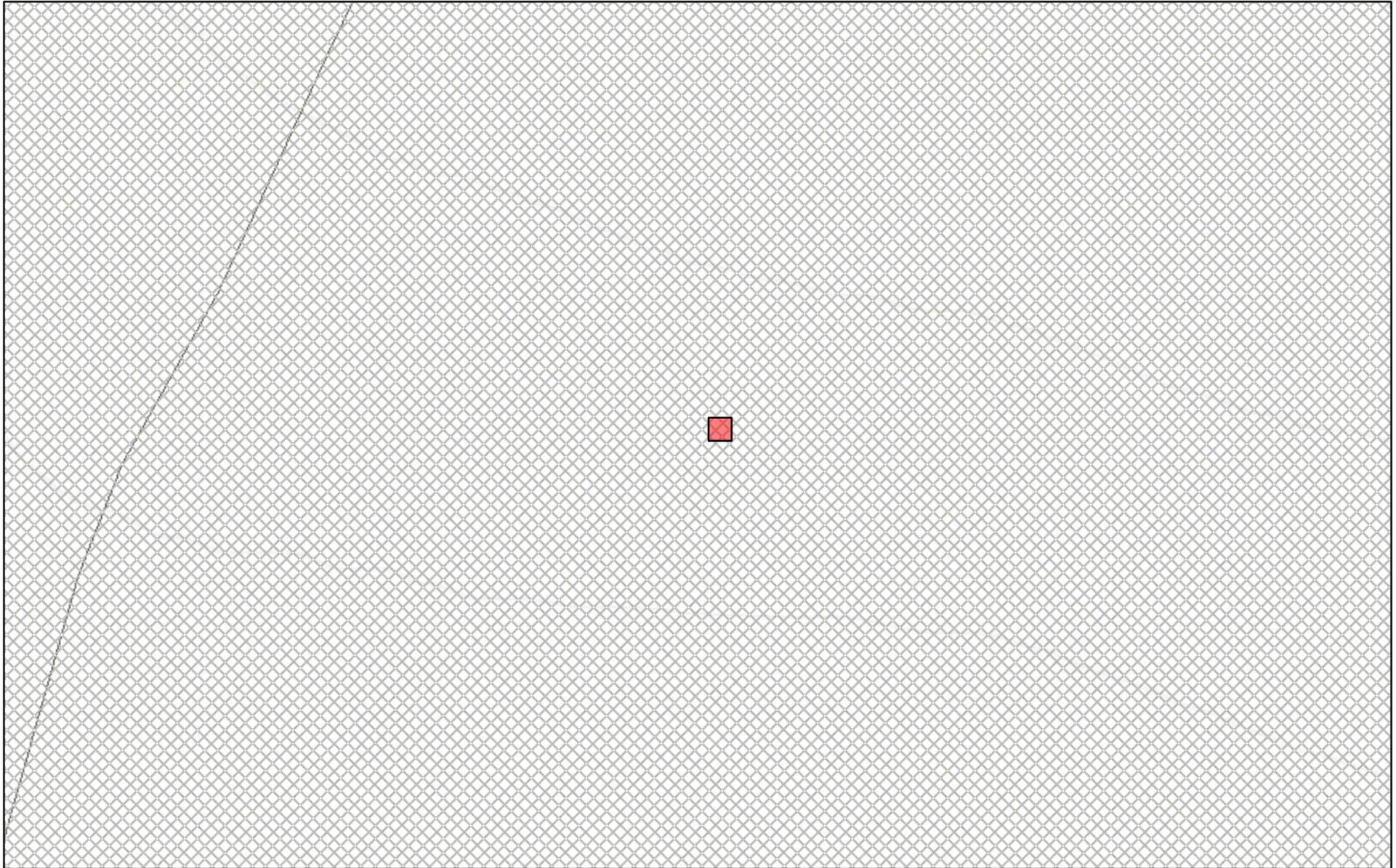
Casing Perforations:	Top	Bottom
	0	541

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

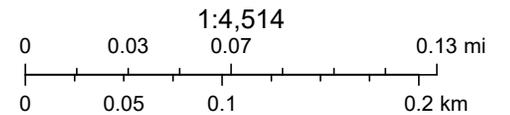
5/9/23 2:19 PM

POINT OF DIVERSION SUMMARY

# New Mexico NFHL Data



May 9, 2023



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

[nmflood.org](http://nmflood.org) is made possible through a collaboration with NMDHSEM,

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## APPENDIX E

CARMONA RESOURCES





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

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May 18, 2023

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

RE: MODELO 10 FED COM 607 SPILL

Enclosed are the results of analyses for samples received by the laboratory on 05/17/23 9:05.

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

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:	05/17/2023	Sampling Date:	05/16/2023
Reported:	05/18/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: H - 1 ( 0-0.5' ) (H232468-01)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2023	ND	2.34	117	2.00	1.26	
Toluene*	<0.050	0.050	05/17/2023	ND	2.32	116	2.00	0.571	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.25	113	2.00	1.59	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.87	114	6.00	2.27	
Total BTEX	<0.300	0.300	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

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	05/17/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2023	ND	188	94.1	200	5.16	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	171	85.7	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 92.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.1 % 49.1-148

Cardinal Laboratories

\*=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:	05/17/2023	Sampling Date:	05/16/2023
Reported:	05/18/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: H - 2 ( 0-0.5' ) (H232468-02)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2023	ND	2.34	117	2.00	1.26	
Toluene*	<0.050	0.050	05/17/2023	ND	2.32	116	2.00	0.571	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.25	113	2.00	1.59	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.87	114	6.00	2.27	
Total BTEX	<0.300	0.300	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

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	05/17/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2023	ND	188	94.1	200	5.16	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	171	85.7	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 91.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.7 % 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:	05/17/2023	Sampling Date:	05/16/2023
Reported:	05/18/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: H - 3 ( 0-0.5' ) (H232468-03)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2023	ND	2.34	117	2.00	1.26	
Toluene*	<0.050	0.050	05/17/2023	ND	2.32	116	2.00	0.571	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.25	113	2.00	1.59	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.87	114	6.00	2.27	
Total BTEX	<0.300	0.300	05/17/2023	ND					

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

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	05/17/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2023	ND	188	94.1	200	5.16	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	171	85.7	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.6 % 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:	05/17/2023	Sampling Date:	05/16/2023
Reported:	05/18/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: H - 4 ( 0-0.5' ) (H232468-04)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2023	ND	2.34	117	2.00	1.26	
Toluene*	<0.050	0.050	05/17/2023	ND	2.32	116	2.00	0.571	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.25	113	2.00	1.59	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.87	114	6.00	2.27	
Total BTEX	<0.300	0.300	05/17/2023	ND					

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

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	05/17/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2023	ND	188	94.1	200	5.16	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	171	85.7	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 88.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.4 % 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:	05/17/2023	Sampling Date:	05/16/2023
Reported:	05/18/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: H - 5 ( 0-0.5' ) (H232468-05)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2023	ND	2.34	117	2.00	1.26	
Toluene*	<0.050	0.050	05/17/2023	ND	2.32	116	2.00	0.571	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.25	113	2.00	1.59	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.87	114	6.00	2.27	
Total BTEX	<0.300	0.300	05/17/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>16.0</b>	16.0	05/17/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2023	ND	188	94.1	200	5.16	
<b>DRO &gt;C10-C28*</b>	<b>16.5</b>	10.0	05/17/2023	ND	171	85.7	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 87.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 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:	05/17/2023	Sampling Date:	05/16/2023
Reported:	05/18/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: H - 6 ( 0-0.5' ) (H232468-06)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2023	ND	2.12	106	2.00	10.9	
Toluene*	<0.050	0.050	05/17/2023	ND	2.17	109	2.00	10.4	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.08	104	2.00	9.48	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.41	107	6.00	8.41	
Total BTEX	<0.300	0.300	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

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	05/17/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2023	ND	188	94.1	200	5.16	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	171	85.7	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 86.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.5 % 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:	05/17/2023	Sampling Date:	05/16/2023
Reported:	05/18/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: H - 7 ( 0-0.5' ) (H232468-07)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/17/2023	ND	2.12	106	2.00	10.9		
Toluene*	<0.050	0.050	05/17/2023	ND	2.17	109	2.00	10.4		
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.08	104	2.00	9.48		
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.41	107	6.00	8.41		
Total BTEX	<0.300	0.300	05/17/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 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	05/17/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/17/2023	ND	188	94.1	200	5.16		
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	171	85.7	200	4.53		
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND						

Surrogate: 1-Chlorooctane 89.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.9 % 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:	05/17/2023	Sampling Date:	05/16/2023
Reported:	05/18/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: H - 8 ( 0-0.5' ) (H232468-08)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2023	ND	2.12	106	2.00	10.9	
Toluene*	<0.050	0.050	05/17/2023	ND	2.17	109	2.00	10.4	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.08	104	2.00	9.48	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.41	107	6.00	8.41	
Total BTEX	<0.300	0.300	05/17/2023	ND					

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

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	05/17/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2023	ND	188	94.1	200	5.16	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	171	85.7	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 89.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.9 % 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:	05/17/2023	Sampling Date:	05/16/2023
Reported:	05/18/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: H - 9 ( 0-0.5' ) (H232468-09)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2023	ND	2.12	106	2.00	10.9	
Toluene*	<0.050	0.050	05/17/2023	ND	2.17	109	2.00	10.4	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.08	104	2.00	9.48	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.41	107	6.00	8.41	
Total BTEX	<0.300	0.300	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	05/17/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2023	ND	188	94.1	200	5.16	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	171	85.7	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.1 % 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:	05/17/2023	Sampling Date:	05/16/2023
Reported:	05/18/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: H - 10 ( 0-0.5' ) (H232468-10)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2023	ND	2.12	106	2.00	10.9	
Toluene*	<0.050	0.050	05/17/2023	ND	2.17	109	2.00	10.4	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.08	104	2.00	9.48	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.41	107	6.00	8.41	
Total BTEX	<0.300	0.300	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	05/17/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2023	ND	188	94.1	200	5.16	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	171	85.7	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.1 % 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:	05/17/2023	Sampling Date:	05/16/2023
Reported:	05/18/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: H - 11 ( 0-0.5' ) (H232468-11)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2023	ND	2.12	106	2.00	10.9	
Toluene*	<0.050	0.050	05/17/2023	ND	2.17	109	2.00	10.4	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.08	104	2.00	9.48	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.41	107	6.00	8.41	
Total BTEX	<0.300	0.300	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

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	05/17/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2023	ND	188	94.1	200	5.16	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	171	85.7	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 85.5 % 48.2-134

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:	05/17/2023	Sampling Date:	05/16/2023
Reported:	05/18/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: H - 12 ( 0-0.5' ) (H232468-12)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2023	ND	2.12	106	2.00	10.9	
Toluene*	<0.050	0.050	05/17/2023	ND	2.17	109	2.00	10.4	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.08	104	2.00	9.48	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.41	107	6.00	8.41	
Total BTEX	<0.300	0.300	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

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	05/17/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2023	ND	188	94.1	200	5.16	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	171	85.7	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.7 % 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:	05/17/2023	Sampling Date:	05/16/2023
Reported:	05/18/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: H - 13 ( 0-0.5' ) (H232468-13)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2023	ND	2.12	106	2.00	10.9	
Toluene*	<0.050	0.050	05/17/2023	ND	2.17	109	2.00	10.4	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.08	104	2.00	9.48	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.41	107	6.00	8.41	
Total BTEX	<0.300	0.300	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	05/17/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2023	ND	188	94.1	200	5.16	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	171	85.7	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 88.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Notes and Definitions**

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- \*\* Samples not received at proper temperature of 6°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: 1033246

Page 1 of 2

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/ST <input type="checkbox"/> PRP <input type="checkbox"/> RC <input type="checkbox"/> JRC <input type="checkbox"/> Jperfund <input type="checkbox"/>
State of Project:	
Reporting Level:	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"/>

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters		ANALYSIS REQUEST	Preservative Codes
							BTEX 8021B	TPH 8015M (GRO + DRO + MRO)		
H-1 (0-0.5')	5/16/2023		X		G	1	X	X		
H-2 (0-0.5')	5/16/2023		X		G	1	X	X		
H-3 (0-0.5')	5/16/2023		X		G	1	X	X		
H-4 (0-0.5')	5/16/2023		X		G	1	X	X		
H-5 (0-0.5')	5/16/2023		X		G	1	X	X		
H-6 (0-0.5')	5/16/2023		X		G	1	X	X		
H-7 (0-0.5')	5/16/2023		X		G	1	X	X		
H-8 (0-0.5')	5/16/2023		X		G	1	X	X		
H-9 (0-0.5')	5/16/2023		X		G	1	X	X		
H-10 (0-0.5')	5/16/2023		X		G	1	X	X		

Project Name:	Modelo 10 Fed Com 607 Spill	Turn Around	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush
Project Number:	2027	Due Date:	24 hours	
Project Location:	Lea County, New Mexico			
Sampler's Name:	FV/CRM			
PO #:				

Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Correction Factor:	-0.6%
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Temperature Reading:	-1.4%
Total Containers:		Corrected Temperature:	-2.0%

Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Sample Comments:	None: NO DI Water: H <sub>2</sub> O Cool: Cool MeOH: Me HCL: HC HNO <sub>2</sub> : HN H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na H <sub>2</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>5</sub> Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC		

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

Relinquished by: (Signature) Conner Moehring Date/Time 5/17/23 09:05

Received by: (Signature) James Kennedy Date/Time

Chain of Custody

Work Order No: H2339468

Page 2 of 2

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"/> IRC	<input type="checkbox"/> Deepfund
State of Project:					
Reporting Level:	Level II	<input type="checkbox"/> Level III	<input type="checkbox"/> ST/UST	<input type="checkbox"/> RRP	<input type="checkbox"/> Level IV
Deliverables:	EDD	<input type="checkbox"/> ADAPT	<input type="checkbox"/>	<input type="checkbox"/>	Other:

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST										Preservative Codes		
							Parameters												
H-11 (0-0.5)	5/16/2023		X		G	1	BTEX 8021B												None: NO
H-12 (0-0.5)	5/16/2023		X		G	1	TPH 8015M ( GRO + DRO + MRO)												DI Water: H <sub>2</sub> O
H-13 (0-0.5)	5/16/2023		X		G	1	Chloride 4500												MeOH: Me

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

Relinquished by: (Signature)	<i>Conner Moehring</i>	Date/Time	6/17/23
Received by: (Signature)	<i>James Kennedy</i>	Date/Time	



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---

May 18, 2023

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

RE: MODELO 10 FED COM 607 SPILL

Enclosed are the results of analyses for samples received by the laboratory on 05/17/23 9:05.

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

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:	05/17/2023	Sampling Date:	05/16/2023
Reported:	05/18/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: S - 1 ( 0-1' ) (H232469-01)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2023	ND	2.12	106	2.00	10.9	
Toluene*	<0.050	0.050	05/17/2023	ND	2.17	109	2.00	10.4	
<b>Ethylbenzene*</b>	<b>0.055</b>	0.050	05/17/2023	ND	2.08	104	2.00	9.48	
<b>Total Xylenes*</b>	<b>0.216</b>	0.150	05/17/2023	ND	6.41	107	6.00	8.41	
Total BTEX	<0.300	0.300	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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
<b>Chloride</b>	<b>2640</b>	16.0	05/17/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>33.3</b>	10.0	05/17/2023	ND	188	94.1	200	5.16	
<b>DRO &gt;C10-C28*</b>	<b>5350</b>	10.0	05/17/2023	ND	171	85.7	200	4.53	
<b>EXT DRO &gt;C28-C36</b>	<b>916</b>	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 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:	05/17/2023	Sampling Date:	05/16/2023
Reported:	05/18/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: S - 1 ( 1.5' ) (H232469-02)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2023	ND	2.12	106	2.00	10.9	
Toluene*	<0.050	0.050	05/17/2023	ND	2.17	109	2.00	10.4	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.08	104	2.00	9.48	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.41	107	6.00	8.41	
Total BTEX	<0.300	0.300	05/17/2023	ND					

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

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	05/17/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2023	ND	188	94.1	200	5.16	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	171	85.7	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 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:	05/17/2023	Sampling Date:	05/16/2023
Reported:	05/18/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: S - 1 ( 2' ) (H232469-03)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2023	ND	2.12	106	2.00	10.9	
Toluene*	<0.050	0.050	05/17/2023	ND	2.17	109	2.00	10.4	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.08	104	2.00	9.48	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.41	107	6.00	8.41	
Total BTEX	<0.300	0.300	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 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	05/17/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2023	ND	188	94.1	200	5.16	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	171	85.7	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 96.0 % 48.2-134

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:	05/17/2023	Sampling Date:	05/16/2023
Reported:	05/18/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: S - 1 ( 3' ) (H232469-04)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2023	ND	2.12	106	2.00	10.9	
Toluene*	<0.050	0.050	05/17/2023	ND	2.17	109	2.00	10.4	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.08	104	2.00	9.48	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.41	107	6.00	8.41	
Total BTEX	<0.300	0.300	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>48.0</b>	16.0	05/17/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2023	ND	188	94.1	200	5.16	
<b>DRO &gt;C10-C28*</b>	<b>38.3</b>	10.0	05/17/2023	ND	171	85.7	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 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:	05/17/2023	Sampling Date:	05/16/2023
Reported:	05/18/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: S - 2 ( 0-1' ) (H232469-05)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.500	0.500	05/17/2023	ND	2.12	106	2.00	10.9		
<b>Toluene*</b>	<b>1.18</b>	0.500	05/17/2023	ND	2.17	109	2.00	10.4		
<b>Ethylbenzene*</b>	<b>2.50</b>	0.500	05/17/2023	ND	2.08	104	2.00	9.48		
<b>Total Xylenes*</b>	<b>12.7</b>	1.50	05/17/2023	ND	6.41	107	6.00	8.41		
<b>Total BTEX</b>	<b>16.4</b>	3.00	05/17/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 123 % 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	
<b>Chloride</b>	<b>7200</b>	16.0	05/17/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS							S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
<b>GRO C6-C10*</b>	<b>682</b>	50.0	05/17/2023	ND	161	80.4	200	0.902	QR-03		
<b>DRO &gt;C10-C28*</b>	<b>36400</b>	50.0	05/17/2023	ND	175	87.5	200	2.57	QM-07		
<b>EXT DRO &gt;C28-C36</b>	<b>5890</b>	50.0	05/17/2023	ND							

Surrogate: 1-Chlorooctane 296 % 48.2-134

Surrogate: 1-Chlorooctadecane 855 % 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:	05/17/2023	Sampling Date:	05/16/2023
Reported:	05/18/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: S - 2 ( 1.5' ) (H232469-06)**

BTEX 8021B		mg/kg		Analyzed By: JH/				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2023	ND	2.12	106	2.00	10.9	
<b>Toluene*</b>	<b>0.070</b>	0.050	05/17/2023	ND	2.17	109	2.00	10.4	
<b>Ethylbenzene*</b>	<b>0.490</b>	0.050	05/17/2023	ND	2.08	104	2.00	9.48	
<b>Total Xylenes*</b>	<b>1.37</b>	0.150	05/17/2023	ND	6.41	107	6.00	8.41	
<b>Total BTEX</b>	<b>1.93</b>	0.300	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 146 % 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
<b>Chloride</b>	<b>240</b>	16.0	05/17/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>75.5</b>	10.0	05/17/2023	ND	161	80.4	200	0.902	
<b>DRO &gt;C10-C28*</b>	<b>3530</b>	10.0	05/17/2023	ND	175	87.5	200	2.57	
<b>EXT DRO &gt;C28-C36</b>	<b>455</b>	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 132 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 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:	05/17/2023	Sampling Date:	05/16/2023
Reported:	05/18/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: S - 2 ( 2' ) (H232469-07)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2023	ND	2.12	106	2.00	10.9	
Toluene*	<0.050	0.050	05/17/2023	ND	2.17	109	2.00	10.4	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.08	104	2.00	9.48	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.41	107	6.00	8.41	
Total BTEX	<0.300	0.300	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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
<b>Chloride</b>	<b>192</b>	16.0	05/17/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2023	ND	161	80.4	200	0.902	
<b>DRO &gt;C10-C28*</b>	<b>185</b>	10.0	05/17/2023	ND	175	87.5	200	2.57	
<b>EXT DRO &gt;C28-C36</b>	<b>17.2</b>	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 98.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 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:	05/17/2023	Sampling Date:	05/16/2023
Reported:	05/18/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: S - 3 ( 0-1' ) (H232469-08)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2023	ND	2.12	106	2.00	10.9	
<b>Toluene*</b>	<b>0.124</b>	0.050	05/17/2023	ND	2.17	109	2.00	10.4	
<b>Ethylbenzene*</b>	<b>0.350</b>	0.050	05/17/2023	ND	2.08	104	2.00	9.48	
<b>Total Xylenes*</b>	<b>1.78</b>	0.150	05/17/2023	ND	6.41	107	6.00	8.41	
<b>Total BTEX</b>	<b>2.25</b>	0.300	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 126 % 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
<b>Chloride</b>	<b>2120</b>	16.0	05/17/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>156</b>	100	05/18/2023	ND	161	80.4	200	0.902		
<b>DRO &gt;C10-C28*</b>	<b>15100</b>	100	05/18/2023	ND	175	87.5	200	2.57		
<b>EXT DRO &gt;C28-C36</b>	<b>2170</b>	100	05/18/2023	ND						

Surrogate: 1-Chlorooctane 179 % 48.2-134

Surrogate: 1-Chlorooctadecane 355 % 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:	05/17/2023	Sampling Date:	05/16/2023
Reported:	05/18/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: S - 3 ( 1.5' ) (H232469-09)**

BTEX 8021B		mg/kg		Analyzed By: JH/				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2023	ND	2.12	106	2.00	10.9	
<b>Toluene*</b>	<b>0.343</b>	0.050	05/17/2023	ND	2.17	109	2.00	10.4	
<b>Ethylbenzene*</b>	<b>1.02</b>	0.050	05/17/2023	ND	2.08	104	2.00	9.48	
<b>Total Xylenes*</b>	<b>4.94</b>	0.150	05/17/2023	ND	6.41	107	6.00	8.41	
<b>Total BTEX</b>	<b>6.31</b>	0.300	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 150 % 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
<b>Chloride</b>	<b>544</b>	16.0	05/17/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>125</b>	10.0	05/17/2023	ND	161	80.4	200	0.902	
<b>DRO &gt;C10-C28*</b>	<b>4120</b>	10.0	05/17/2023	ND	175	87.5	200	2.57	
<b>EXT DRO &gt;C28-C36</b>	<b>490</b>	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 132 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 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:	05/17/2023	Sampling Date:	05/16/2023
Reported:	05/18/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: S - 3 ( 2' ) (H232469-10)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2023	ND	2.12	106	2.00	10.9	
Toluene*	<0.050	0.050	05/17/2023	ND	2.17	109	2.00	10.4	
<b>Ethylbenzene*</b>	<b>0.118</b>	0.050	05/17/2023	ND	2.08	104	2.00	9.48	
<b>Total Xylenes*</b>	<b>0.541</b>	0.150	05/17/2023	ND	6.41	107	6.00	8.41	
<b>Total BTEX</b>	<b>0.659</b>	0.300	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 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
<b>Chloride</b>	<b>384</b>	16.0	05/17/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>17.1</b>	10.0	05/17/2023	ND	161	80.4	200	0.902	
<b>DRO &gt;C10-C28*</b>	<b>628</b>	10.0	05/17/2023	ND	175	87.5	200	2.57	
<b>EXT DRO &gt;C28-C36</b>	<b>53.0</b>	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 141 % 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:	05/17/2023	Sampling Date:	05/16/2023
Reported:	05/18/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: S - 4 ( 0-1' ) (H232469-11)**

BTEX 8021B		mg/kg		Analyzed By: JH/				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Benzene*</b>	<b>0.157</b>	0.100	05/17/2023	ND	2.12	106	2.00	10.9		
<b>Toluene*</b>	<b>2.33</b>	0.100	05/17/2023	ND	2.17	109	2.00	10.4		
<b>Ethylbenzene*</b>	<b>4.25</b>	0.100	05/17/2023	ND	2.08	104	2.00	9.48		
<b>Total Xylenes*</b>	<b>19.1</b>	0.300	05/17/2023	ND	6.41	107	6.00	8.41		
<b>Total BTEX</b>	<b>25.8</b>	0.600	05/17/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 152 % 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	
<b>Chloride</b>	<b>6080</b>	16.0	05/17/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS				S-06		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>1090</b>	50.0	05/17/2023	ND	161	80.4	200	0.902		
<b>DRO &gt;C10-C28*</b>	<b>30400</b>	50.0	05/17/2023	ND	175	87.5	200	2.57		
<b>EXT DRO &gt;C28-C36</b>	<b>3630</b>	50.0	05/17/2023	ND						

Surrogate: 1-Chlorooctane 381 % 48.2-134

Surrogate: 1-Chlorooctadecane 475 % 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:	05/17/2023	Sampling Date:	05/16/2023
Reported:	05/18/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: S - 4 ( 1.5' ) (H232469-12)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2023	ND	2.12	106	2.00	10.9	
Toluene*	<0.050	0.050	05/17/2023	ND	2.17	109	2.00	10.4	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.08	104	2.00	9.48	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.41	107	6.00	8.41	
Total BTEX	<0.300	0.300	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	6560	16.0	05/17/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2023	ND	161	80.4	200	0.902	
DRO >C10-C28*	381	10.0	05/17/2023	ND	175	87.5	200	2.57	
EXT DRO >C28-C36	27.4	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 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:	05/17/2023	Sampling Date:	05/16/2023
Reported:	05/18/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: S - 4 ( 2' ) (H232469-13)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2023	ND	2.16	108	2.00	14.7	
Toluene*	<0.050	0.050	05/17/2023	ND	2.15	108	2.00	14.7	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.25	112	2.00	14.6	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.64	111	6.00	14.0	
Total BTEX	<0.300	0.300	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 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
<b>Chloride</b>	<b>16.0</b>	16.0	05/17/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2023	ND	161	80.4	200	0.902	
<b>DRO &gt;C10-C28*</b>	<b>349</b>	10.0	05/17/2023	ND	175	87.5	200	2.57	
<b>EXT DRO &gt;C28-C36</b>	<b>33.3</b>	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 92.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 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:	05/17/2023	Sampling Date:	05/16/2023
Reported:	05/18/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: S - 5 ( 0-1' ) (H232469-14)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/17/2023	ND	2.16	108	2.00	14.7		
Toluene*	<0.050	0.050	05/17/2023	ND	2.15	108	2.00	14.7		
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.25	112	2.00	14.6		
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.64	111	6.00	14.0		
Total BTEX	<0.300	0.300	05/17/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>368</b>	16.0	05/17/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/17/2023	ND	161	80.4	200	0.902		
<b>DRO &gt;C10-C28*</b>	<b>33.1</b>	10.0	05/17/2023	ND	175	87.5	200	2.57		
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND						

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 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:	05/17/2023	Sampling Date:	05/16/2023
Reported:	05/18/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: S - 5 ( 2' ) (H232469-15)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2023	ND	2.16	108	2.00	14.7	
Toluene*	<0.050	0.050	05/17/2023	ND	2.15	108	2.00	14.7	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.25	112	2.00	14.6	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.64	111	6.00	14.0	
Total BTEX	<0.300	0.300	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	05/17/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2023	ND	161	80.4	200	0.902	
DRO >C10-C28*	33.2	10.0	05/17/2023	ND	175	87.5	200	2.57	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 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:	05/17/2023	Sampling Date:	05/16/2023
Reported:	05/18/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: S - 6 ( 0-1' ) (H232469-16)**

BTEX 8021B		mg/kg		Analyzed By: JH/				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.103</b>	0.050	05/17/2023	ND	2.16	108	2.00	14.7	
<b>Toluene*</b>	<b>1.49</b>	0.050	05/17/2023	ND	2.15	108	2.00	14.7	
<b>Ethylbenzene*</b>	<b>3.86</b>	0.050	05/17/2023	ND	2.25	112	2.00	14.6	
<b>Total Xylenes*</b>	<b>19.0</b>	0.150	05/17/2023	ND	6.64	111	6.00	14.0	
<b>Total BTEX</b>	<b>24.4</b>	0.300	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 165 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>2640</b>	16.0	05/17/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>736</b>	50.0	05/17/2023	ND	161	80.4	200	0.902	
<b>DRO &gt;C10-C28*</b>	<b>27400</b>	50.0	05/17/2023	ND	175	87.5	200	2.57	
<b>EXT DRO &gt;C28-C36</b>	<b>3350</b>	50.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 313 % 48.2-134

Surrogate: 1-Chlorooctadecane 468 % 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:	05/17/2023	Sampling Date:	05/16/2023
Reported:	05/18/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: S - 6 ( 1.5' ) (H232469-17)**

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	05/17/2023	ND	2.16	108	2.00	14.7	
Toluene*	<0.050	0.050	05/17/2023	ND	2.15	108	2.00	14.7	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.25	112	2.00	14.6	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.64	111	6.00	14.0	
Total BTEX	<0.300	0.300	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

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	05/17/2023	ND	400	100	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	05/17/2023	ND	161	80.4	200	0.902	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	175	87.5	200	2.57	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

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:	05/17/2023	Sampling Date:	05/16/2023
Reported:	05/18/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: S - 7 ( 0-1' ) (H232469-18)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/17/2023	ND	2.16	108	2.00	14.7		
Toluene*	<0.050	0.050	05/17/2023	ND	2.15	108	2.00	14.7		
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.25	112	2.00	14.6		
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.64	111	6.00	14.0		
Total BTEX	<0.300	0.300	05/17/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	
<b>Chloride</b>	<b>3360</b>	16.0	05/17/2023	ND	400	100	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	05/17/2023	ND	161	80.4	200	0.902		
<b>DRO &gt;C10-C28*</b>	<b>12.7</b>	10.0	05/17/2023	ND	175	87.5	200	2.57		
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND						

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 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:	05/17/2023	Sampling Date:	05/16/2023
Reported:	05/18/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: S - 7 ( 1.5' ) (H232469-19)**

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	05/17/2023	ND	2.16	108	2.00	14.7	
Toluene*	<0.050	0.050	05/17/2023	ND	2.15	108	2.00	14.7	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.25	112	2.00	14.6	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.64	111	6.00	14.0	
Total BTEX	<0.300	0.300	05/17/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>208</b>	16.0	05/17/2023	ND	400	100	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	05/17/2023	ND	161	80.4	200	0.902	
<b>DRO &gt;C10-C28*</b>	<b>117</b>	10.0	05/17/2023	ND	175	87.5	200	2.57	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 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:	05/17/2023	Sampling Date:	05/16/2023
Reported:	05/18/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: S - 7 ( 2' ) (H232469-20)**

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	05/17/2023	ND	2.16	108	2.00	14.7	
Toluene*	<0.050	0.050	05/17/2023	ND	2.15	108	2.00	14.7	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.25	112	2.00	14.6	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.64	111	6.00	14.0	
Total BTEX	<0.300	0.300	05/17/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>64.0</b>	16.0	05/17/2023	ND	400	100	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	05/17/2023	ND	161	80.4	200	0.902	
<b>DRO &gt;C10-C28*</b>	<b>156</b>	10.0	05/17/2023	ND	175	87.5	200	2.57	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

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:	05/17/2023	Sampling Date:	05/16/2023
Reported:	05/18/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: S - 8 ( 0-1' ) (H232469-21)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2023	ND	2.16	108	2.00	14.7	
Toluene*	<0.050	0.050	05/17/2023	ND	2.15	108	2.00	14.7	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.25	112	2.00	14.6	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.64	111	6.00	14.0	
Total BTEX	<0.300	0.300	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	05/17/2023	ND	400	100	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	05/17/2023	ND	161	80.4	200	0.902	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	175	87.5	200	2.57	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 96.4 % 48.2-134

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:	05/17/2023	Sampling Date:	05/16/2023
Reported:	05/18/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: S - 8 ( 1.5' ) (H232469-22)**

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	05/17/2023	ND	2.16	108	2.00	14.7	
Toluene*	<0.050	0.050	05/17/2023	ND	2.15	108	2.00	14.7	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.25	112	2.00	14.6	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.64	111	6.00	14.0	
Total BTEX	<0.300	0.300	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>96.0</b>	16.0	05/17/2023	ND	400	100	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	05/17/2023	ND	161	80.4	200	0.902	
<b>DRO &gt;C10-C28*</b>	<b>96.9</b>	10.0	05/17/2023	ND	175	87.5	200	2.57	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 94.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 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:	05/17/2023	Sampling Date:	05/16/2023
Reported:	05/18/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: S - 8 ( 2' ) (H232469-23)**

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	05/17/2023	ND	2.16	108	2.00	14.7	
Toluene*	<0.050	0.050	05/17/2023	ND	2.15	108	2.00	14.7	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.25	112	2.00	14.6	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.64	111	6.00	14.0	
Total BTEX	<0.300	0.300	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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
<b>Chloride</b>	<b>48.0</b>	16.0	05/17/2023	ND	400	100	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	05/17/2023	ND	161	80.4	200	0.902	
<b>DRO &gt;C10-C28*</b>	<b>166</b>	10.0	05/17/2023	ND	175	87.5	200	2.57	
<b>EXT DRO &gt;C28-C36</b>	<b>14.5</b>	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 80.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 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:	05/17/2023	Sampling Date:	05/16/2023
Reported:	05/18/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: S - 9 ( 0-1' ) (H232469-24)**

BTEX 8021B		mg/kg		Analyzed By: JH/				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.291</b>	0.200	05/17/2023	ND	2.16	108	2.00	14.7	
<b>Toluene*</b>	<b>3.34</b>	0.200	05/17/2023	ND	2.15	108	2.00	14.7	
<b>Ethylbenzene*</b>	<b>7.29</b>	0.200	05/17/2023	ND	2.25	112	2.00	14.6	
<b>Total Xylenes*</b>	<b>31.6</b>	0.600	05/17/2023	ND	6.64	111	6.00	14.0	
<b>Total BTEX</b>	<b>42.5</b>	1.20	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 139 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>9200</b>	16.0	05/17/2023	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>1350</b>	50.0	05/17/2023	ND	161	80.4	200	0.902	
<b>DRO &gt;C10-C28*</b>	<b>33300</b>	50.0	05/17/2023	ND	175	87.5	200	2.57	
<b>EXT DRO &gt;C28-C36</b>	<b>4050</b>	50.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 449 % 48.2-134

Surrogate: 1-Chlorooctadecane 547 % 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:	05/17/2023	Sampling Date:	05/16/2023
Reported:	05/18/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: S - 9 ( 1.5' ) (H232469-25)**

BTEX 8021B		mg/kg		Analyzed By: JH/				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/17/2023	ND	2.16	108	2.00	14.7		
<b>Toluene*</b>	<b>0.081</b>	0.050	05/17/2023	ND	2.15	108	2.00	14.7		
<b>Ethylbenzene*</b>	<b>0.245</b>	0.050	05/17/2023	ND	2.25	112	2.00	14.6		
<b>Total Xylenes*</b>	<b>1.04</b>	0.150	05/17/2023	ND	6.64	111	6.00	14.0		
<b>Total BTEX</b>	<b>1.37</b>	0.300	05/17/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 135 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>11500</b>	16.0	05/17/2023	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>202</b>	10.0	05/17/2023	ND	182	91.1	200	0.115		
<b>DRO &gt;C10-C28*</b>	<b>4860</b>	10.0	05/17/2023	ND	173	86.3	200	3.78	QM-07	
<b>EXT DRO &gt;C28-C36</b>	<b>962</b>	10.0	05/17/2023	ND						

Surrogate: 1-Chlorooctane 158 % 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:	05/17/2023	Sampling Date:	05/16/2023
Reported:	05/18/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: S - 9 ( 2.5' ) (H232469-26)**

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	05/17/2023	ND	2.16	108	2.00	14.7		
Toluene*	<0.050	0.050	05/17/2023	ND	2.15	108	2.00	14.7		
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.25	112	2.00	14.6		
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.64	111	6.00	14.0		
Total BTEX	<0.300	0.300	05/17/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<b>640</b>	16.0	05/17/2023	ND	400	100	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	05/17/2023	ND	182	91.1	200	0.115		
<b>DRO &gt;C10-C28*</b>	<b>50.2</b>	10.0	05/17/2023	ND	173	86.3	200	3.78		
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND						

Surrogate: 1-Chlorooctane 103 % 48.2-134

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:	05/17/2023	Sampling Date:	05/16/2023
Reported:	05/18/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: S - 9 ( 3' ) (H232469-27)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2023	ND	2.16	108	2.00	14.7	
Toluene*	<0.050	0.050	05/17/2023	ND	2.15	108	2.00	14.7	
<b>Ethylbenzene*</b>	<b>0.051</b>	0.050	05/17/2023	ND	2.25	112	2.00	14.6	
<b>Total Xylenes*</b>	<b>0.270</b>	0.150	05/17/2023	ND	6.64	111	6.00	14.0	
<b>Total BTEX</b>	<b>0.321</b>	0.300	05/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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
<b>Chloride</b>	<b>272</b>	16.0	05/17/2023	ND	400	100	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	05/17/2023	ND	182	91.1	200	0.115	
<b>DRO &gt;C10-C28*</b>	<b>395</b>	10.0	05/17/2023	ND	173	86.3	200	3.78	
<b>EXT DRO &gt;C28-C36</b>	<b>42.2</b>	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 117 % 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:	05/17/2023	Sampling Date:	05/16/2023
Reported:	05/18/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: S - 5 ( 1.5' ) (H232469-28)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2023	ND	2.16	108	2.00	14.7	
Toluene*	<0.050	0.050	05/17/2023	ND	2.15	108	2.00	14.7	
Ethylbenzene*	<0.050	0.050	05/17/2023	ND	2.25	112	2.00	14.6	
Total Xylenes*	<0.150	0.150	05/17/2023	ND	6.64	111	6.00	14.0	
Total BTEX	<0.300	0.300	05/17/2023	ND					

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

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	05/17/2023	ND	400	100	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	05/17/2023	ND	182	91.1	200	0.115	
DRO >C10-C28*	<10.0	10.0	05/17/2023	ND	173	86.3	200	3.78	
EXT DRO >C28-C36	<10.0	10.0	05/17/2023	ND					

Surrogate: 1-Chlorooctane 96.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
\*\* Samples not received at proper temperature of 6°C or below.
\*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

# Chain of Custody

Work Order No: H23246

Page 1 of 3

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  PRP  Brownfields  RRC  Superfund

State of Project:

Reporting: Level II  Level III  ST/UST  RRP  Level IV

Deliverables: EDD  ADaPT  Other:

Project Name:	Modelo 10 Fed Com 607 Spill	
Project Number:	2027	
Project Location:	Lea County, New Mexico	
Sampler's Name:	FV/CRM	
PO #:		
<b>SAMPLE RECEIPT</b>		
Received Intact:	Temp Blank: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Wet Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Thermometer ID: <u>713</u>
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Correction Factor: <u>-0.6c</u>
Total Containers:		Temperature Reading: <u>-1.4c</u>
		Corrected Temperature: <u>-2.0c</u>

Pres. Code	ANALYSIS REQUEST										Preservative Codes		
												None: NO	DI Water: H <sub>2</sub> O
Parameters BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500												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
												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 Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont
S-1 (0-1')	5/16/2023		X		G	1
S-1 (1.5')	5/16/2023		X		G	1
S-1 (2')	5/16/2023		X		G	1
S-1 (3')	5/16/2023		X		G	1
S-2 (0-1')	5/16/2023		X		G	1
S-2 (1.5')	5/16/2023		X		G	1
S-2 (2')	5/16/2023		X		G	1
S-3 (0-1')	5/16/2023		X		G	1
S-3 (1.5')	5/16/2023		X		G	1
S-3 (2')	5/16/2023		X		G	1

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Conner Moehring</i>	5/17/23 0905	<i>Jawara Aldakry</i>	

# Chain of Custody

Work Order No: H23246

Page 2 of 3

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

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Ironfields <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: <b>Modelo 10 Fed Com 607 Spill</b>	Turn Around
Project Number: <b>2027</b>	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush
Project Location: <b>Lea County, New Mexico</b>	Pres. Code
Sampler's Name: <b>FV/CRM</b>	Due Date: <b>24 hours</b>
PO #:	

Parameters	ANALYSIS REQUEST										Preservative Codes		
												None: NO	DI Water: H <sub>2</sub> O
BTEX 8021B  TPH 8015M (GRO + DRO + MIRO)  Chloride 4500													

SAMPLE RECEIPT			
Received Intact: <b>Yes</b> No	Temp Blank: <b>Yes</b> No	Wet Ice: <b>Yes</b> No	Thermometer ID: <b>113</b>
Cooler Custody Seals: <b>Yes</b> No <b>N/A</b>	Sample Custody Seals: <b>Yes</b> No <b>N/A</b>	Total Containers:	Correction Factor: <b>-0.6°C</b>
			Temperature Reading: <b>-1.4°C</b>
			Corrected Temperature: <b>-2.0°C</b>

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont
S-4 (0-1')	5/16/2023		X		G	1
S-4 (1.5')	5/16/2023		X		G	1
S-4 (2')	5/16/2023		X		G	1
S-5 (0-1')	5/16/2023		X		G	1
S-5 (2')	5/16/2023		X		G	1
S-6 (0-1')	5/16/2023		X		G	1
S-6 (1.5')	5/16/2023		X		G	1
S-7 (0-1')	5/16/2023		X		G	1
S-7 (1.5')	5/16/2023		X		G	1
S-7 (2')	5/16/2023		X		G	1

Instructions: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature) <i>Conner Moehring</i>	Date/Time <b>5/17/23 0905</b>	Received by: (Signature) <i>James Kennedy</i>	Date/Time
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# Chain of Custody

Work Order No: H232469

Page 3 of 3

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

Work Order Comments	
Program: UST/PST <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:

Project Name: <u>Modelo 10 Fed Com 607 Spill</u>	<b>Turn Around</b>	
Project Number: <u>2027</u>	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code
Project Location: <u>Lea County, New Mexico</u>	Due Date: <u>24 hours</u>	
Sampler's Name: <u>FV/CRM</u>		
PO #:		

Parameters	ANALYSIS REQUEST										Preservative Codes		
	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500									None: NO	DI Water: H <sub>2</sub> O
Received Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No												Cool: Cool	MeOH: Me
Wet Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No												HCL: HC	HNO <sub>3</sub> : HN
Thermometer ID: <u>113</u>												H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na
Correction Factor: <u>-0.6%</u>												H <sub>3</sub> PO <sub>4</sub> : HP	
Temperature Reading: <u>-1.4°C</u>												NaHSO <sub>4</sub> : NABIS	
Corrected Temperature: <u>-2.0°C</u>												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 RECEIPT			
Temp Blank: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Wet Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Cooler Custody Seals: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <u>N/A</u>	Thermometer ID: <u>113</u>		
Sample Custody Seals: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <u>N/A</u>	Correction Factor: <u>-0.6%</u>		
Total Containers:	Temperature Reading: <u>-1.4°C</u>		
	Corrected Temperature: <u>-2.0°C</u>		

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont												
S-8 (0-1')	5/16/2023		X		G	1	X	X	X									
S-8 (1.5')	5/16/2023		X		G	1	X	X	X									
S-8 (2')	5/16/2023		X		G	1	X	X	X									
S-9 (0-1')	5/16/2023		X		G	1	X	X	X									
S-9 (1.5')	5/16/2023		X		G	1	X	X	X									
S-9 (2.5')	5/16/2023		X		G	1	X	X	X									
S-9 (3')	5/16/2023		X		G	1	X	X	X									
<u>S-5 (1.5')</u>	<u>5/16/2023</u>		X		G	1	✓	✓	✓	*								

*\* Customer requested extra sample be added to COC.*

*5/17/23*

Relinquished by: (Signature) <u>Conner Moehring</u>	Date/Time: <u>5/17/23 0905</u>	Received by: (Signature) <u>James Kennedy</u>	Date/Time



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

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June 16, 2023

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

RE: MODELO 10 FED COM 607 SPILL

Enclosed are the results of analyses for samples received by the laboratory on 06/15/23 15:00.

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

Celey D. Keene  
Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	06/15/2023	Sampling Date:	06/08/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 1 (3.5') (H233097-01)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.36	118	2.00	1.57	
Toluene*	<0.050	0.050	06/16/2023	ND	2.19	110	2.00	0.122	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.17	108	2.00	0.913	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.50	108	6.00	0.509	
Total BTEX	<0.300	0.300	06/16/2023	ND					

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

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	06/16/2023	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	06/15/2023	ND	226	113	200	4.96	
DRO >C10-C28*	<10.0	10.0	06/15/2023	ND	208	104	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND					

Surrogate: 1-Chlorooctane 91.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.4 % 49.1-148

Cardinal Laboratories

\*=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:	06/15/2023	Sampling Date:	06/08/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 2 (3.5') (H233097-02)**

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	06/16/2023	ND	2.36	118	2.00	1.57	
Toluene*	<0.050	0.050	06/16/2023	ND	2.19	110	2.00	0.122	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.17	108	2.00	0.913	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.50	108	6.00	0.509	
Total BTEX	<0.300	0.300	06/16/2023	ND					

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

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	06/16/2023	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	06/15/2023	ND	226	113	200	4.96	
DRO >C10-C28*	<10.0	10.0	06/15/2023	ND	208	104	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND					

Surrogate: 1-Chlorooctane 61.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 58.0 % 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:	06/15/2023	Sampling Date:	06/08/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 3 (3.5') (H233097-03)**

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	06/16/2023	ND	2.36	118	2.00	1.57		
Toluene*	<0.050	0.050	06/16/2023	ND	2.19	110	2.00	0.122		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.17	108	2.00	0.913		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.50	108	6.00	0.509		
Total BTEX	<0.300	0.300	06/16/2023	ND						

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

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	06/16/2023	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	06/15/2023	ND	226	113	200	4.96		
DRO >C10-C28*	<10.0	10.0	06/15/2023	ND	208	104	200	3.03		
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND						

Surrogate: 1-Chlorooctane 88.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.9 % 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:	06/15/2023	Sampling Date:	06/08/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 4 (3.5') (H233097-04)**

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	06/16/2023	ND	2.36	118	2.00	1.57		
Toluene*	<0.050	0.050	06/16/2023	ND	2.19	110	2.00	0.122		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.17	108	2.00	0.913		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.50	108	6.00	0.509		
Total BTEX	<0.300	0.300	06/16/2023	ND						

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

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	06/16/2023	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	06/15/2023	ND	226	113	200	4.96		
DRO >C10-C28*	<10.0	10.0	06/15/2023	ND	208	104	200	3.03		
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND						

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.4 % 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:	06/15/2023	Sampling Date:	06/08/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 5 (4') (H233097-05)**

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	06/16/2023	ND	2.36	118	2.00	1.57	
Toluene*	<0.050	0.050	06/16/2023	ND	2.19	110	2.00	0.122	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.17	108	2.00	0.913	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.50	108	6.00	0.509	
Total BTEX	<0.300	0.300	06/16/2023	ND					

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

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	06/16/2023	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	06/15/2023	ND	226	113	200	4.96	
DRO >C10-C28*	<10.0	10.0	06/15/2023	ND	208	104	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND					

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.1 % 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:	06/15/2023	Sampling Date:	06/08/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 6 (4') (H233097-06)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.36	118	2.00	1.57	
Toluene*	<0.050	0.050	06/16/2023	ND	2.19	110	2.00	0.122	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.17	108	2.00	0.913	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.50	108	6.00	0.509	
Total BTEX	<0.300	0.300	06/16/2023	ND					

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

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	06/16/2023	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	06/15/2023	ND	226	113	200	4.96	
DRO >C10-C28*	<10.0	10.0	06/15/2023	ND	208	104	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND					

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.3 % 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:	06/15/2023	Sampling Date:	06/08/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 7 (4') (H233097-07)**

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	06/16/2023	ND	2.36	118	2.00	1.57	
Toluene*	<0.050	0.050	06/16/2023	ND	2.19	110	2.00	0.122	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.17	108	2.00	0.913	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.50	108	6.00	0.509	
Total BTEX	<0.300	0.300	06/16/2023	ND					

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

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	06/16/2023	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	06/15/2023	ND	226	113	200	4.96	
DRO >C10-C28*	<10.0	10.0	06/15/2023	ND	208	104	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND					

Surrogate: 1-Chlorooctane 116 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 8 (1.5') (H233097-08)**

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	06/16/2023	ND	2.36	118	2.00	1.57	
Toluene*	<0.050	0.050	06/16/2023	ND	2.19	110	2.00	0.122	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.17	108	2.00	0.913	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.50	108	6.00	0.509	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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
<b>Chloride</b>	<b>96.0</b>	16.0	06/16/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2023	ND	226	113	200	4.96	
<b>DRO &gt;C10-C28*</b>	<b>269</b>	10.0	06/15/2023	ND	208	104	200	3.03	
<b>EXT DRO &gt;C28-C36</b>	<b>26.6</b>	10.0	06/15/2023	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.4 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 9 (1.5') (H233097-09)**

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	06/16/2023	ND	2.36	118	2.00	1.57	
Toluene*	<0.050	0.050	06/16/2023	ND	2.19	110	2.00	0.122	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.17	108	2.00	0.913	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.50	108	6.00	0.509	
Total BTEX	<0.300	0.300	06/16/2023	ND					

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

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	06/16/2023	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	06/16/2023	ND	226	113	200	4.96	
DRO >C10-C28*	359	10.0	06/16/2023	ND	208	104	200	3.03	
EXT DRO >C28-C36	49.3	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 113 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 10 (1.5') (H233097-10)**

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	06/16/2023	ND	2.36	118	2.00	1.57	
Toluene*	<0.050	0.050	06/16/2023	ND	2.19	110	2.00	0.122	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.17	108	2.00	0.913	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.50	108	6.00	0.509	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	06/16/2023	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	06/16/2023	ND	226	113	200	4.96	
DRO >C10-C28*	260	10.0	06/16/2023	ND	208	104	200	3.03	
EXT DRO >C28-C36	24.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 87.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.0 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 11 (1.5') (H233097-11)**

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	06/16/2023	ND	2.36	118	2.00	1.57	
Toluene*	<0.050	0.050	06/16/2023	ND	2.19	110	2.00	0.122	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.17	108	2.00	0.913	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.50	108	6.00	0.509	
Total BTEX	<0.300	0.300	06/16/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>240</b>	16.0	06/16/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	226	113	200	4.96	
<b>DRO &gt;C10-C28*</b>	<b>109</b>	10.0	06/16/2023	ND	208	104	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.8 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 12 (1.5') (H233097-12)**

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	06/16/2023	ND	2.36	118	2.00	1.57	
Toluene*	<0.050	0.050	06/16/2023	ND	2.19	110	2.00	0.122	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.17	108	2.00	0.913	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.50	108	6.00	0.509	
Total BTEX	<0.300	0.300	06/16/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	06/16/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	226	113	200	4.96	
DRO >C10-C28*	59.9	10.0	06/16/2023	ND	208	104	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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**Analytical Results For:**

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

Received:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 13 (1.5') (H233097-13)**

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	06/16/2023	ND	2.36	118	2.00	1.57	
Toluene*	<0.050	0.050	06/16/2023	ND	2.19	110	2.00	0.122	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.17	108	2.00	0.913	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.50	108	6.00	0.509	
Total BTEX	<0.300	0.300	06/16/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<b>368</b>	16.0	06/16/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	226	113	200	4.96	
<b>DRO &gt;C10-C28*</b>	<b>136</b>	10.0	06/16/2023	ND	208	104	200	3.03	
<b>EXT DRO &gt;C28-C36</b>	<b>14.6</b>	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 111 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 14 (1.5') (H233097-14)**

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	06/16/2023	ND	2.36	118	2.00	1.57	
Toluene*	<0.050	0.050	06/16/2023	ND	2.19	110	2.00	0.122	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.17	108	2.00	0.913	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.50	108	6.00	0.509	
Total BTEX	<0.300	0.300	06/16/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<b>368</b>	16.0	06/16/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	226	113	200	4.96	
<b>DRO &gt;C10-C28*</b>	<b>109</b>	10.0	06/16/2023	ND	208	104	200	3.03	
<b>EXT DRO &gt;C28-C36</b>	<b>10.5</b>	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 15 (2.5') (H233097-15)**

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	06/16/2023	ND	2.36	118	2.00	1.57	
Toluene*	<0.050	0.050	06/16/2023	ND	2.19	110	2.00	0.122	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.17	108	2.00	0.913	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.50	108	6.00	0.509	
Total BTEX	<0.300	0.300	06/16/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>256</b>	16.0	06/16/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	226	113	200	4.96	
<b>DRO &gt;C10-C28*</b>	<b>73.6</b>	10.0	06/16/2023	ND	208	104	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 91.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.2 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 16 (1.5') (H233097-16)**

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	06/16/2023	ND	2.36	118	2.00	1.57	
Toluene*	<0.050	0.050	06/16/2023	ND	2.19	110	2.00	0.122	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.17	108	2.00	0.913	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.50	108	6.00	0.509	
Total BTEX	<0.300	0.300	06/16/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>336</b>	16.0	06/16/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	226	113	200	4.96	
<b>DRO &gt;C10-C28*</b>	<b>154</b>	10.0	06/16/2023	ND	208	104	200	3.03	
<b>EXT DRO &gt;C28-C36</b>	<b>14.0</b>	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 17 (1.5') (H233097-17)**

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	06/16/2023	ND	2.36	118	2.00	1.57	
Toluene*	<0.050	0.050	06/16/2023	ND	2.19	110	2.00	0.122	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.17	108	2.00	0.913	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.50	108	6.00	0.509	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>304</b>	16.0	06/16/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	175	87.6	200	4.46	
<b>DRO &gt;C10-C28*</b>	<b>128</b>	10.0	06/16/2023	ND	162	81.0	200	3.14	QM-07, QR-03
<b>EXT DRO &gt;C28-C36</b>	<b>29.8</b>	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 18 (1.5') (H233097-18)**

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	06/16/2023	ND	2.46	123	2.00	2.23	QM-07
Toluene*	<0.050	0.050	06/16/2023	ND	2.42	121	2.00	1.57	QM-07
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.34	117	2.00	1.99	QM-07
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.06	118	6.00	0.912	QM-07
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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
<b>Chloride</b>	<b>304</b>	16.0	06/16/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2023	ND	175	87.6	200	4.46	
<b>DRO &gt;C10-C28*</b>	<b>45.8</b>	10.0	06/15/2023	ND	162	81.0	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND					

Surrogate: 1-Chlorooctane 49.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 53.7 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 19 (1.5') (H233097-19)**

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	06/16/2023	ND	2.46	123	2.00	2.23	
Toluene*	<0.050	0.050	06/16/2023	ND	2.42	121	2.00	1.57	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.34	117	2.00	1.99	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.06	118	6.00	0.912	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>352</b>	16.0	06/16/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	175	87.6	200	4.46	
<b>DRO &gt;C10-C28*</b>	<b>152</b>	10.0	06/16/2023	ND	162	81.0	200	3.14	
<b>EXT DRO &gt;C28-C36</b>	<b>33.5</b>	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 98.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 20 (1.5') (H233097-20)**

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	06/16/2023	ND	2.46	123	2.00	2.23	
Toluene*	<0.050	0.050	06/16/2023	ND	2.42	121	2.00	1.57	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.34	117	2.00	1.99	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.06	118	6.00	0.912	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>384</b>	16.0	06/16/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	175	87.6	200	4.46	
<b>DRO &gt;C10-C28*</b>	<b>82.4</b>	10.0	06/16/2023	ND	162	81.0	200	3.14	
<b>EXT DRO &gt;C28-C36</b>	<b>12.2</b>	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 21 (1.5') (H233097-21)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.46	123	2.00	2.23	
Toluene*	<0.050	0.050	06/16/2023	ND	2.42	121	2.00	1.57	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.34	117	2.00	1.99	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.06	118	6.00	0.912	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	06/16/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	175	87.6	200	4.46	
<b>DRO &gt;C10-C28*</b>	<b>89.0</b>	10.0	06/16/2023	ND	162	81.0	200	3.14	
<b>EXT DRO &gt;C28-C36</b>	<b>15.6</b>	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 96.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.8 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 22 (1.5') (H233097-22)**

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	06/16/2023	ND	2.46	123	2.00	2.23	
Toluene*	<0.050	0.050	06/16/2023	ND	2.42	121	2.00	1.57	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.34	117	2.00	1.99	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.06	118	6.00	0.912	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	06/16/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	175	87.6	200	4.46	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	162	81.0	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 108 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 23 (1.5') (H233097-23)**

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	06/16/2023	ND	2.46	123	2.00	2.23	
Toluene*	<0.050	0.050	06/16/2023	ND	2.42	121	2.00	1.57	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.34	117	2.00	1.99	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.06	118	6.00	0.912	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

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	06/16/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	175	87.6	200	4.46	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	162	81.0	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 24 (1.5') (H233097-24)**

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	06/16/2023	ND	2.46	123	2.00	2.23	
Toluene*	<0.050	0.050	06/16/2023	ND	2.42	121	2.00	1.57	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.34	117	2.00	1.99	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.06	118	6.00	0.912	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/16/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	175	87.6	200	4.46	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	162	81.0	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 104 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 25 (1.5') (H233097-25)**

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	06/16/2023	ND	2.46	123	2.00	2.23		
Toluene*	<0.050	0.050	06/16/2023	ND	2.42	121	2.00	1.57		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.34	117	2.00	1.99		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.06	118	6.00	0.912		
Total BTEX	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

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	06/16/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	175	87.6	200	4.46		
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	162	81.0	200	3.14		
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND						

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.1 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 26 (1.5') (H233097-26)**

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	06/16/2023	ND	2.46	123	2.00	2.23	
Toluene*	<0.050	0.050	06/16/2023	ND	2.42	121	2.00	1.57	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.34	117	2.00	1.99	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.06	118	6.00	0.912	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

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	06/16/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	175	87.6	200	4.46	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	162	81.0	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 98.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.9 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 27 (1.5') (H233097-27)**

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	06/16/2023	ND	2.46	123	2.00	2.23	
Toluene*	<0.050	0.050	06/16/2023	ND	2.42	121	2.00	1.57	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.34	117	2.00	1.99	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.06	118	6.00	0.912	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

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	06/16/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	175	87.6	200	4.46	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	162	81.0	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 91.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.0 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 28 (1.5') (H233097-28)**

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	06/16/2023	ND	2.46	123	2.00	2.23	
Toluene*	<0.050	0.050	06/16/2023	ND	2.42	121	2.00	1.57	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.34	117	2.00	1.99	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.06	118	6.00	0.912	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

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	06/16/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2023	ND	175	87.6	200	4.46	
DRO >C10-C28*	<10.0	10.0	06/15/2023	ND	162	81.0	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND					

Surrogate: 1-Chlorooctane 84.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.8 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 29 (1.5') (H233097-29)**

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	06/16/2023	ND	2.46	123	2.00	2.23	
Toluene*	<0.050	0.050	06/16/2023	ND	2.42	121	2.00	1.57	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.34	117	2.00	1.99	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.06	118	6.00	0.912	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

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	06/16/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2023	ND	175	87.6	200	4.46	
DRO >C10-C28*	<10.0	10.0	06/15/2023	ND	162	81.0	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.1 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 30 (1.5') (H233097-30)**

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	06/16/2023	ND	2.46	123	2.00	2.23	
Toluene*	<0.050	0.050	06/16/2023	ND	2.42	121	2.00	1.57	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.34	117	2.00	1.99	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.06	118	6.00	0.912	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/16/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/15/2023	ND	175	87.6	200	4.46	
DRO >C10-C28*	<10.0	10.0	06/15/2023	ND	162	81.0	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND					

Surrogate: 1-Chlorooctane 68.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.3 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

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

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	06/16/2023	ND	2.46	123	2.00	2.23	
Toluene*	<0.050	0.050	06/16/2023	ND	2.42	121	2.00	1.57	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.34	117	2.00	1.99	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.06	118	6.00	0.912	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/16/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	175	87.6	200	4.46	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	162	81.0	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 80.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.7 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 32 (1.5') (H233097-32)**

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	06/16/2023	ND	2.46	123	2.00	2.23		
Toluene*	<0.050	0.050	06/16/2023	ND	2.42	121	2.00	1.57		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.34	117	2.00	1.99		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.06	118	6.00	0.912		
Total BTEX	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

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	06/16/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	175	87.6	200	4.46		
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	162	81.0	200	3.14		
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND						

Surrogate: 1-Chlorooctane 60.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 61.6 % 49.1-148

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**Analytical Results For:**

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

Received:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 33 (1.5') (H233097-33)**

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	06/15/2023	ND	2.41	120	2.00	1.96	QM-07
Toluene*	<0.050	0.050	06/15/2023	ND	2.38	119	2.00	3.09	QM-07
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.32	116	2.00	3.10	QM-07
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.03	117	6.00	2.57	QM-07
Total BTEX	<0.300	0.300	06/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/16/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	175	87.6	200	4.46	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	162	81.0	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 116 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 34 (1.5') (H233097-34)**

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	06/15/2023	ND	2.41	120	2.00	1.96	
Toluene*	<0.050	0.050	06/15/2023	ND	2.38	119	2.00	3.09	
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.32	116	2.00	3.10	
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.03	117	6.00	2.57	
Total BTEX	<0.300	0.300	06/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

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	06/16/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	175	87.6	200	4.46	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	162	81.0	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 35 (1.5') (H233097-35)**

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	06/15/2023	ND	2.41	120	2.00	1.96	
Toluene*	<0.050	0.050	06/15/2023	ND	2.38	119	2.00	3.09	
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.32	116	2.00	3.10	
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.03	117	6.00	2.57	
Total BTEX	<0.300	0.300	06/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/16/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	175	87.6	200	4.46	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	162	81.0	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.6 % 49.1-148

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**Analytical Results For:**

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

Received:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 36 (1.5') (H233097-36)**

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	06/15/2023	ND	2.41	120	2.00	1.96	
Toluene*	<0.050	0.050	06/15/2023	ND	2.38	119	2.00	3.09	
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.32	116	2.00	3.10	
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.03	117	6.00	2.57	
Total BTEX	<0.300	0.300	06/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

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	06/16/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	175	87.6	200	4.46	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	162	81.0	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 90.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.3 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 37 (1.5') (H233097-37)**

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	06/15/2023	ND	2.41	120	2.00	1.96	
Toluene*	<0.050	0.050	06/15/2023	ND	2.38	119	2.00	3.09	
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.32	116	2.00	3.10	
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.03	117	6.00	2.57	
Total BTEX	<0.300	0.300	06/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>96.0</b>	16.0	06/16/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	163	81.5	200	0.0313	
<b>DRO &gt;C10-C28*</b>	<b>17.2</b>	10.0	06/16/2023	ND	170	85.1	200	0.163	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 38 (1.5') (H233097-38)**

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	06/15/2023	ND	2.41	120	2.00	1.96	
Toluene*	<0.050	0.050	06/15/2023	ND	2.38	119	2.00	3.09	
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.32	116	2.00	3.10	
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.03	117	6.00	2.57	
Total BTEX	<0.300	0.300	06/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/16/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	163	81.5	200	0.0313	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	170	85.1	200	0.163	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 98.7 % 48.2-134

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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 39 (1.5') (H233097-39)**

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	06/15/2023	ND	2.41	120	2.00	1.96		
Toluene*	<0.050	0.050	06/15/2023	ND	2.38	119	2.00	3.09		
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.32	116	2.00	3.10		
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.03	117	6.00	2.57		
Total BTEX	<0.300	0.300	06/15/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>144</b>	16.0	06/16/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	163	81.5	200	0.0313		
<b>DRO &gt;C10-C28*</b>	<b>34.7</b>	10.0	06/16/2023	ND	170	85.1	200	0.163		
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND						

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 40 (1.5') (H233097-40)**

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	06/15/2023	ND	2.41	120	2.00	1.96		
Toluene*	<0.050	0.050	06/15/2023	ND	2.38	119	2.00	3.09		
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.32	116	2.00	3.10		
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.03	117	6.00	2.57		
Total BTEX	<0.300	0.300	06/15/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

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	06/16/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	163	81.5	200	0.0313		
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	170	85.1	200	0.163		
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND						

Surrogate: 1-Chlorooctane 75.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.4 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 41 (3') (H233097-41)**

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	06/15/2023	ND	2.41	120	2.00	1.96	
Toluene*	<0.050	0.050	06/15/2023	ND	2.38	119	2.00	3.09	
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.32	116	2.00	3.10	
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.03	117	6.00	2.57	
Total BTEX	<0.300	0.300	06/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>128</b>	16.0	06/16/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	163	81.5	200	0.0313	
<b>DRO &gt;C10-C28*</b>	<b>35.0</b>	10.0	06/16/2023	ND	170	85.1	200	0.163	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 92.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.9 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 42 (3') (H233097-42)**

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	06/15/2023	ND	2.41	120	2.00	1.96	
Toluene*	<0.050	0.050	06/15/2023	ND	2.38	119	2.00	3.09	
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.32	116	2.00	3.10	
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.03	117	6.00	2.57	
Total BTEX	<0.300	0.300	06/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

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	06/16/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	163	81.5	200	0.0313	
DRO >C10-C28*	37.0	10.0	06/16/2023	ND	170	85.1	200	0.163	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 81.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.7 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

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

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	06/15/2023	ND	2.41	120	2.00	1.96	
Toluene*	<0.050	0.050	06/15/2023	ND	2.38	119	2.00	3.09	
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.32	116	2.00	3.10	
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.03	117	6.00	2.57	
Total BTEX	<0.300	0.300	06/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>144</b>	16.0	06/16/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	163	81.5	200	0.0313	
<b>DRO &gt;C10-C28*</b>	<b>68.5</b>	10.0	06/16/2023	ND	170	85.1	200	0.163	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 86.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.3 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 44 (3') (H233097-44)**

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	06/15/2023	ND	2.41	120	2.00	1.96	
Toluene*	<0.050	0.050	06/15/2023	ND	2.38	119	2.00	3.09	
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.32	116	2.00	3.10	
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.03	117	6.00	2.57	
Total BTEX	<0.300	0.300	06/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>128</b>	16.0	06/16/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	163	81.5	200	0.0313	
<b>DRO &gt;C10-C28*</b>	<b>41.5</b>	10.0	06/16/2023	ND	170	85.1	200	0.163	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 92.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.1 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 45 (3') (H233097-45)**

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	06/15/2023	ND	2.41	120	2.00	1.96	
Toluene*	<0.050	0.050	06/15/2023	ND	2.38	119	2.00	3.09	
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.32	116	2.00	3.10	
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.03	117	6.00	2.57	
Total BTEX	<0.300	0.300	06/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>96.0</b>	16.0	06/16/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	163	81.5	200	0.0313	
<b>DRO &gt;C10-C28*</b>	<b>55.8</b>	10.0	06/16/2023	ND	170	85.1	200	0.163	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 85.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.5 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 46 (3') (H233097-46)**

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	06/15/2023	ND	2.41	120	2.00	1.96	
Toluene*	<0.050	0.050	06/15/2023	ND	2.38	119	2.00	3.09	
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.32	116	2.00	3.10	
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.03	117	6.00	2.57	
Total BTEX	<0.300	0.300	06/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>144</b>	16.0	06/16/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	163	81.5	200	0.0313	
<b>DRO &gt;C10-C28*</b>	<b>31.8</b>	10.0	06/16/2023	ND	170	85.1	200	0.163	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 89.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.6 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 47 (3') (H233097-47)**

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	06/15/2023	ND	2.41	120	2.00	1.96	
Toluene*	<0.050	0.050	06/15/2023	ND	2.38	119	2.00	3.09	
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.32	116	2.00	3.10	
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.03	117	6.00	2.57	
Total BTEX	<0.300	0.300	06/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>144</b>	16.0	06/16/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	163	81.5	200	0.0313	
<b>DRO &gt;C10-C28*</b>	<b>47.2</b>	10.0	06/16/2023	ND	170	85.1	200	0.163	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 116 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 48 (3') (H233097-48)**

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	06/15/2023	ND	2.41	120	2.00	1.96	
Toluene*	<0.050	0.050	06/15/2023	ND	2.38	119	2.00	3.09	
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.32	116	2.00	3.10	
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.03	117	6.00	2.57	
Total BTEX	<0.300	0.300	06/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>160</b>	16.0	06/16/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	163	81.5	200	0.0313	
<b>DRO &gt;C10-C28*</b>	<b>32.8</b>	10.0	06/16/2023	ND	170	85.1	200	0.163	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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**Analytical Results For:**

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

Received:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 49 (3') (H233097-49)**

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	06/15/2023	ND	2.41	120	2.00	1.96	
Toluene*	<0.050	0.050	06/15/2023	ND	2.38	119	2.00	3.09	
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.32	116	2.00	3.10	
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.03	117	6.00	2.57	
Total BTEX	<0.300	0.300	06/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>128</b>	16.0	06/16/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	163	81.5	200	0.0313	
<b>DRO &gt;C10-C28*</b>	<b>39.0</b>	10.0	06/16/2023	ND	170	85.1	200	0.163	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 50 (3') (H233097-50)**

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	06/15/2023	ND	2.41	120	2.00	1.96	
Toluene*	<0.050	0.050	06/15/2023	ND	2.38	119	2.00	3.09	
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.32	116	2.00	3.10	
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.03	117	6.00	2.57	
Total BTEX	<0.300	0.300	06/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>192</b>	16.0	06/16/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	163	81.5	200	0.0313	
<b>DRO &gt;C10-C28*</b>	<b>30.5</b>	10.0	06/16/2023	ND	170	85.1	200	0.163	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 81.7 % 48.2-134

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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 51 (3') (H233097-51)**

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	06/15/2023	ND	2.41	120	2.00	1.96	
Toluene*	<0.050	0.050	06/15/2023	ND	2.38	119	2.00	3.09	
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.32	116	2.00	3.10	
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.03	117	6.00	2.57	
Total BTEX	<0.300	0.300	06/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>160</b>	16.0	06/16/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	163	81.5	200	0.0313	
<b>DRO &gt;C10-C28*</b>	<b>37.1</b>	10.0	06/16/2023	ND	170	85.1	200	0.163	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 91.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.0 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 52 (3') (H233097-52)**

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	06/15/2023	ND	2.41	120	2.00	1.96	
Toluene*	<0.050	0.050	06/15/2023	ND	2.38	119	2.00	3.09	
Ethylbenzene*	<0.050	0.050	06/15/2023	ND	2.32	116	2.00	3.10	
Total Xylenes*	<0.150	0.150	06/15/2023	ND	7.03	117	6.00	2.57	
Total BTEX	<0.300	0.300	06/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>160</b>	16.0	06/16/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	163	81.5	200	0.0313	
<b>DRO &gt;C10-C28*</b>	<b>36.2</b>	10.0	06/16/2023	ND	170	85.1	200	0.163	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 81.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.4 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 53 (3') (H233097-53)**

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	06/16/2023	ND	2.15	108	2.00	0.127	
Toluene*	<0.050	0.050	06/16/2023	ND	2.40	120	2.00	0.0336	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.32	116	2.00	1.03	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.99	116	6.00	1.00	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>208</b>	16.0	06/16/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	163	81.5	200	0.0313	
<b>DRO &gt;C10-C28*</b>	<b>33.2</b>	10.0	06/16/2023	ND	170	85.1	200	0.163	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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**Analytical Results For:**

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

Received:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

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

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	06/16/2023	ND	2.15	108	2.00	0.127	
Toluene*	<0.050	0.050	06/16/2023	ND	2.40	120	2.00	0.0336	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.32	116	2.00	1.03	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.99	116	6.00	1.00	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>160</b>	16.0	06/16/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	163	81.5	200	0.0313	
<b>DRO &gt;C10-C28*</b>	<b>26.1</b>	10.0	06/16/2023	ND	170	85.1	200	0.163	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 84.2 % 48.2-134

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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 55 (3') (H233097-55)**

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	06/16/2023	ND	2.15	108	2.00	0.127		
Toluene*	<0.050	0.050	06/16/2023	ND	2.40	120	2.00	0.0336		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.32	116	2.00	1.03		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.99	116	6.00	1.00		
Total BTEX	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>144</b>	16.0	06/16/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	163	81.5	200	0.0313		
<b>DRO &gt;C10-C28*</b>	<b>29.9</b>	10.0	06/16/2023	ND	170	85.1	200	0.163		
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND						

Surrogate: 1-Chlorooctane 87.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.8 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 56 (3') (H233097-56)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.15	108	2.00	0.127	
Toluene*	<0.050	0.050	06/16/2023	ND	2.40	120	2.00	0.0336	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.32	116	2.00	1.03	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.99	116	6.00	1.00	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	06/16/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	163	81.5	200	0.0313	
DRO >C10-C28*	25.6	10.0	06/16/2023	ND	170	85.1	200	0.163	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 88.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.3 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 57 (3') (H233097-57)**

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	06/16/2023	ND	2.15	108	2.00	0.127	
Toluene*	<0.050	0.050	06/16/2023	ND	2.40	120	2.00	0.0336	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.32	116	2.00	1.03	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.99	116	6.00	1.00	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/16/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	172	86.1	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	159	79.6	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 99.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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**Analytical Results For:**

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

Received:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 58 (3') (H233097-58)**

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	06/16/2023	ND	2.15	108	2.00	0.127	
Toluene*	<0.050	0.050	06/16/2023	ND	2.40	120	2.00	0.0336	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.32	116	2.00	1.03	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.99	116	6.00	1.00	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32.0</b>	16.0	06/16/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	172	86.1	200	3.29	
<b>DRO &gt;C10-C28*</b>	<b>11.9</b>	10.0	06/16/2023	ND	159	79.6	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 123 % 48.2-134

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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

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

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.15	108	2.00	0.127	
Toluene*	<0.050	0.050	06/16/2023	ND	2.40	120	2.00	0.0336	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.32	116	2.00	1.03	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.99	116	6.00	1.00	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>48.0</b>	16.0	06/16/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	172	86.1	200	3.29	
<b>DRO &gt;C10-C28*</b>	<b>10.8</b>	10.0	06/16/2023	ND	159	79.6	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 112 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 60 (3') (H233097-60)**

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	06/16/2023	ND	2.15	108	2.00	0.127	
Toluene*	<0.050	0.050	06/16/2023	ND	2.40	120	2.00	0.0336	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.32	116	2.00	1.03	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.99	116	6.00	1.00	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

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	06/16/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	172	86.1	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	159	79.6	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 87.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.9 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

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

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	06/16/2023	ND	2.15	108	2.00	0.127	
Toluene*	<0.050	0.050	06/16/2023	ND	2.40	120	2.00	0.0336	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.32	116	2.00	1.03	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.99	116	6.00	1.00	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

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	06/16/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	172	86.1	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	159	79.6	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 101 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

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

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	06/16/2023	ND	2.15	108	2.00	0.127	
Toluene*	<0.050	0.050	06/16/2023	ND	2.40	120	2.00	0.0336	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.32	116	2.00	1.03	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.99	116	6.00	1.00	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

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	06/16/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	172	86.1	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	159	79.6	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 117 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

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

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.15	108	2.00	0.127	
Toluene*	<0.050	0.050	06/16/2023	ND	2.40	120	2.00	0.0336	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.32	116	2.00	1.03	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.99	116	6.00	1.00	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	06/16/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	172	86.1	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	159	79.6	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 107 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 64 (3') (H233097-64)**

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	06/16/2023	ND	2.15	108	2.00	0.127	
Toluene*	<0.050	0.050	06/16/2023	ND	2.40	120	2.00	0.0336	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.32	116	2.00	1.03	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.99	116	6.00	1.00	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

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	06/16/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	172	86.1	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	159	79.6	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 84.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.7 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 65 (3') (H233097-65)**

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	06/16/2023	ND	2.15	108	2.00	0.127	
Toluene*	<0.050	0.050	06/16/2023	ND	2.40	120	2.00	0.0336	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.32	116	2.00	1.03	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.99	116	6.00	1.00	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

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	06/16/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	172	86.1	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	159	79.6	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 86.2 % 48.2-134

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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

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

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	06/16/2023	ND	2.15	108	2.00	0.127	
Toluene*	<0.050	0.050	06/16/2023	ND	2.40	120	2.00	0.0336	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.32	116	2.00	1.03	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.99	116	6.00	1.00	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

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	06/16/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	172	86.1	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	159	79.6	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 94.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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**Analytical Results For:**

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

Received:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 67 (3') (H233097-67)**

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	06/16/2023	ND	2.15	108	2.00	0.127	
Toluene*	<0.050	0.050	06/16/2023	ND	2.40	120	2.00	0.0336	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.32	116	2.00	1.03	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.99	116	6.00	1.00	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

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	06/16/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	172	86.1	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	159	79.6	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.9 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 68 (3') (H233097-68)**

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	06/16/2023	ND	2.15	108	2.00	0.127	
Toluene*	<0.050	0.050	06/16/2023	ND	2.40	120	2.00	0.0336	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.32	116	2.00	1.03	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.99	116	6.00	1.00	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

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	06/16/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	172	86.1	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	159	79.6	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 97.7 % 48.2-134

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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 69 (3') (H233097-69)**

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	06/16/2023	ND	2.15	108	2.00	0.127		
Toluene*	<0.050	0.050	06/16/2023	ND	2.40	120	2.00	0.0336		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.32	116	2.00	1.03		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.99	116	6.00	1.00		
Total BTEX	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

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	06/16/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	172	86.1	200	3.29		
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	159	79.6	200	2.01		
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND						

Surrogate: 1-Chlorooctane 90.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.9 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 70 (3') (H233097-70)**

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	06/16/2023	ND	2.15	108	2.00	0.127	
Toluene*	<0.050	0.050	06/16/2023	ND	2.40	120	2.00	0.0336	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.32	116	2.00	1.03	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.99	116	6.00	1.00	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>48.0</b>	16.0	06/16/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	172	86.1	200	3.29	
<b>DRO &gt;C10-C28*</b>	<b>11.4</b>	10.0	06/16/2023	ND	159	79.6	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

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

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	06/16/2023	ND	2.15	108	2.00	0.127	
Toluene*	<0.050	0.050	06/16/2023	ND	2.40	120	2.00	0.0336	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.32	116	2.00	1.03	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.99	116	6.00	1.00	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>48.0</b>	16.0	06/16/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	172	86.1	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	159	79.6	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 87.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.8 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 72 (3') (H233097-72)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.15	108	2.00	0.127	
Toluene*	<0.050	0.050	06/16/2023	ND	2.40	120	2.00	0.0336	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.32	116	2.00	1.03	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.99	116	6.00	1.00	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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
<b>Chloride</b>	<b>64.0</b>	16.0	06/16/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	172	86.1	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	159	79.6	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 88.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.1 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

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

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.14	107	2.00	1.70	
Toluene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	5.58	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.28	114	2.00	4.25	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.69	112	6.00	3.69	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

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	06/16/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	172	86.1	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	159	79.6	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 91.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.6 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 74 (3') (H233097-74)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.14	107	2.00	1.70	
Toluene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	5.58	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.28	114	2.00	4.25	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.69	112	6.00	3.69	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 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
<b>Chloride</b>	<b>64.0</b>	16.0	06/16/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	172	86.1	200	3.29	
<b>DRO &gt;C10-C28*</b>	<b>13.2</b>	10.0	06/16/2023	ND	159	79.6	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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**Analytical Results For:**

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

Received:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 75 (3') (H233097-75)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.14	107	2.00	1.70	
Toluene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	5.58	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.28	114	2.00	4.25	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.69	112	6.00	3.69	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	06/16/2023	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	06/16/2023	ND	172	86.1	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	159	79.6	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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**Analytical Results For:**

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

Received:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

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

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.14	107	2.00	1.70	
Toluene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	5.58	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.28	114	2.00	4.25	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.69	112	6.00	3.69	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

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	06/16/2023	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	06/16/2023	ND	172	86.1	200	3.29	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	159	79.6	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 98.4 % 48.2-134

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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 77 (3') (H233097-77)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.14	107	2.00	1.70	
Toluene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	5.58	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.28	114	2.00	4.25	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.69	112	6.00	3.69	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	06/16/2023	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	06/16/2023	ND	184	92.2	200	0.684	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	172	85.8	200	0.547	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 118 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

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

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.14	107	2.00	1.70	
Toluene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	5.58	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.28	114	2.00	4.25	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.69	112	6.00	3.69	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	06/16/2023	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	06/16/2023	ND	184	92.2	200	0.684	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	172	85.8	200	0.547	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 96.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.1 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 79 (3') (H233097-79)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.14	107	2.00	1.70	
Toluene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	5.58	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.28	114	2.00	4.25	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.69	112	6.00	3.69	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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
<b>Chloride</b>	<b>1040</b>	16.0	06/16/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	184	92.2	200	0.684	
<b>DRO &gt;C10-C28*</b>	<b>31.9</b>	10.0	06/16/2023	ND	172	85.8	200	0.547	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 80 (3') (H233097-80)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.14	107	2.00	1.70	
Toluene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	5.58	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.28	114	2.00	4.25	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.69	112	6.00	3.69	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 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
<b>Chloride</b>	<b>1070</b>	16.0	06/16/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	184	92.2	200	0.684	
<b>DRO &gt;C10-C28*</b>	<b>69.6</b>	10.0	06/16/2023	ND	172	85.8	200	0.547	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 81 (3') (H233097-81)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.14	107	2.00	1.70	
Toluene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	5.58	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.28	114	2.00	4.25	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.69	112	6.00	3.69	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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
<b>Chloride</b>	<b>1120</b>	16.0	06/16/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	184	92.2	200	0.684	
<b>DRO &gt;C10-C28*</b>	<b>70.8</b>	10.0	06/16/2023	ND	172	85.8	200	0.547	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 113 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

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

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.14	107	2.00	1.70	
Toluene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	5.58	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.28	114	2.00	4.25	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.69	112	6.00	3.69	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 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
<b>Chloride</b>	<b>1280</b>	16.0	06/16/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	184	92.2	200	0.684	
<b>DRO &gt;C10-C28*</b>	<b>65.5</b>	10.0	06/16/2023	ND	172	85.8	200	0.547	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 83 (3') (H233097-83)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.14	107	2.00	1.70	
Toluene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	5.58	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.28	114	2.00	4.25	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.69	112	6.00	3.69	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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
<b>Chloride</b>	<b>1330</b>	16.0	06/16/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	184	92.2	200	0.684	
<b>DRO &gt;C10-C28*</b>	<b>87.7</b>	10.0	06/16/2023	ND	172	85.8	200	0.547	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 95.7 % 48.2-134

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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 84 (3') (H233097-84)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.14	107	2.00	1.70	
Toluene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	5.58	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.28	114	2.00	4.25	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.69	112	6.00	3.69	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	1120	16.0	06/16/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	184	92.2	200	0.684	
DRO >C10-C28*	101	10.0	06/16/2023	ND	172	85.8	200	0.547	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 90.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.0 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 85 (3') (H233097-85)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.14	107	2.00	1.70	
Toluene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	5.58	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.28	114	2.00	4.25	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.69	112	6.00	3.69	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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
<b>Chloride</b>	<b>1260</b>	16.0	06/16/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	184	92.2	200	0.684	
<b>DRO &gt;C10-C28*</b>	<b>93.7</b>	10.0	06/16/2023	ND	172	85.8	200	0.547	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 93.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.0 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 86 (3') (H233097-86)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.14	107	2.00	1.70	
Toluene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	5.58	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.28	114	2.00	4.25	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.69	112	6.00	3.69	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 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
<b>Chloride</b>	<b>208</b>	16.0	06/16/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	184	92.2	200	0.684	
<b>DRO &gt;C10-C28*</b>	<b>88.7</b>	10.0	06/16/2023	ND	172	85.8	200	0.547	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.6 % 49.1-148

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**Analytical Results For:**

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

Received:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 87 (3') (H233097-87)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.14	107	2.00	1.70	
Toluene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	5.58	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.28	114	2.00	4.25	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.69	112	6.00	3.69	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 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	112	16.0	06/16/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	184	92.2	200	0.684	
DRO >C10-C28*	295	10.0	06/16/2023	ND	172	85.8	200	0.547	
EXT DRO >C28-C36	48.7	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 88 (3') (H233097-88)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.14	107	2.00	1.70	
Toluene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	5.58	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.28	114	2.00	4.25	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.69	112	6.00	3.69	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 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	112	16.0	06/16/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	184	92.2	200	0.684	
DRO >C10-C28*	283	10.0	06/16/2023	ND	172	85.8	200	0.547	
EXT DRO >C28-C36	36.4	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 111 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 89 (3') (H233097-89)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.14	107	2.00	1.70	
Toluene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	5.58	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.28	114	2.00	4.25	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.69	112	6.00	3.69	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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
<b>Chloride</b>	<b>112</b>	16.0	06/16/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	184	92.2	200	0.684	
<b>DRO &gt;C10-C28*</b>	<b>338</b>	10.0	06/16/2023	ND	172	85.8	200	0.547	
<b>EXT DRO &gt;C28-C36</b>	<b>51.9</b>	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 90 (3') (H233097-90)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.14	107	2.00	1.70	
Toluene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	5.58	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.28	114	2.00	4.25	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.69	112	6.00	3.69	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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
<b>Chloride</b>	<b>112</b>	16.0	06/16/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	184	92.2	200	0.684	
<b>DRO &gt;C10-C28*</b>	<b>546</b>	10.0	06/16/2023	ND	172	85.8	200	0.547	
<b>EXT DRO &gt;C28-C36</b>	<b>89.5</b>	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
\*\* Samples not received at proper temperature of 6°C or below.
\*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

# Chain of Custody

Work Order No: H233097

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"/> 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:

Project Name:		Turn Around		Pres. Code	ANALYSIS REQUEST										Preservative Codes					
Project Number:	Modelo 10 Fed Com 607 Spill	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush		Due Date:											None: NO	DI Water: H <sub>2</sub> O			
Project Location:	Lea County, New Mexico			24 hours											Cool: Cool	MeOH: Me				
Sampler's Name:	FV														HCL: HC	HNO <sub>3</sub> : HN				
PO #:															H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na				
<b>SAMPLE RECEIPT</b>		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>											H <sub>3</sub> PO <sub>4</sub> : HP				
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:		113											NaHSO <sub>4</sub> : NABIS					
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Correction Factor:		-0.6°C											Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>					
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Temperature Reading:		4.7°C											Zn Acetate+NaOH: Zn					
Total Containers:		Corrected Temperature:		4.1°C											NaOH+Ascorbic Acid: SAPC					
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500											Sample Comments
CS-1 (3.5')	6/8/2023		X		C	1	X	X	X											
CS-2 (3.5')	6/8/2023		X		C	1	X	X	X											
CS-3 (3.5')	6/8/2023		X		C	1	X	X	X											
CS-4 (3.5')	6/8/2023		X		C	1	X	X	X											
CS-5 (4')	6/8/2023		X		C	1	X	X	X											
CS-6 (4')	6/8/2023		X		C	1	X	X	X											
CS-7 (4')	6/8/2023		X		C	1	X	X	X											
CS-8 (1.5')	6/15/2023		X		C	1	X	X	X											
CS-9 (1.5')	6/15/2023		X		C	1	X	X	X											
CS-10 (1.5')	6/15/2023		X		C	1	X	X	X											

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Fabian Vargas	6-15-23 1500	Conner Moehring	

Received by OCD: 6/26/2023 1:22:57 PM

# Chain of Custody

Work Order No: H233097

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"/> 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: _____

Project Name:		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes						
Project Number:	Modelo 10 Fed Com 607 Spill	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush		Due Date:	24 hours													None: NO	DI Water: H <sub>2</sub> O			
Project Location	Lea County, New Mexico															Cool: Cool	MeOH: Me						
Sampler's Name:	FV															HCL: HC	HNO <sub>3</sub> : HN						
PO #:																H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na						
<b>SAMPLE RECEIPT</b>		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500													H <sub>3</sub> PO <sub>4</sub> : HP	
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	113													NaHSO <sub>4</sub> : NABIS							
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Correction Factor:	-0.6													Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>							
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Temperature Reading:	4.7													Zn Acetate+NaOH: Zn							
Total Containers:		Corrected Temperature:	4.1													NaOH+Ascorbic Acid: SAPC							
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments				
CS-11 (1.5')	6/15/2023		X		C	1	X	X	X														
CS-12 (1.5')	6/15/2023		X		C	1	X	X	X														
CS-13 (1.5')	6/15/2023		X		C	1	X	X	X														
CS-14 (1.5')	6/15/2023		X		C	1	X	X	X														
CS-15 (2.5')	6/15/2023		X		C	1	X	X	X														
CS-16 (1.5')	6/15/2023		X		C	1	X	X	X														
CS-17 (1.5')	6/15/2023		X		C	1	X	X	X														
CS-18 (1.5')	6/15/2023		X		C	1	X	X	X														
CS-19 (1.5')	6/15/2023		X		C	1	X	X	X														
CS-20 (1.5')	6/15/2023		X		C	1	X	X	X														

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Fabian Vargas</i>	6-15-23 1500	<i>James Kennedy</i>	

Received by OCD: 6/26/2023 1:22:57 PM

# Chain of Custody

Work Order No: H233097

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"/> 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: _____

Project Name:		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number:	Modelo 10 Fed Com 607 Spill	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush		Due Date:													None: NO	DI Water: H <sub>2</sub> O	
Project Location:	Lea County, New Mexico			24 hours													Cool: Cool	MeOH: Me		
Sampler's Name:	FV																HCL: HC	HNO <sub>3</sub> : HN		
PO #:																	H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na		
<b>SAMPLE RECEIPT</b>		Temp Blank:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Wet Ice:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>													H <sub>3</sub> PO <sub>4</sub> : HP		
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	113														NaHSO <sub>4</sub> : NABIS			
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Correction Factor:	-0.6°C														Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>			
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Temperature Reading:	4.78														Zn Acetate+NaOH: Zn			
Total Containers:		Corrected Temperature:	4.12														NaOH+Ascorbic Acid: SAPC			
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters												Sample Comments	
CS-21 (1.5')	6/15/2023		X		C	1	X	X	X											
CS-22 (1.5')	6/15/2023		X		C	1	X	X	X											
CS-23 (1.5')	6/15/2023		X		C	1	X	X	X											
CS-24 (1.5')	6/15/2023		X		C	1	X	X	X											
CS-25 (1.5')	6/15/2023		X		C	1	X	X	X											
CS-26 (1.5')	6/15/2023		X		C	1	X	X	X											
CS-27 (1.5')	6/15/2023		X		C	1	X	X	X											
CS-28 (1.5')	6/15/2023		X		C	1	X	X	X											
CS-29 (1.5')	6/15/2023		X		C	1	X	X	X											
CS-30 (1.5')	6/15/2023		X		C	1	X	X	X											

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Fabian Vargas</i>	6-15-23 1500	<i>[Signature]</i>	



# Chain of Custody

Work Order No: H233097

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"/> perfund <input type="checkbox"/>
State of Project:	
Reporting Level:	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:		Turn Around		Pres. Code	ANALYSIS REQUEST										Preservative Codes						
Project Number:	Modelo 10 Fed Com 607 Spill	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush		Due Date:											None: NO	DI Water: H <sub>2</sub> O				
Project Location:	Lea County, New Mexico			24 hours											Cool: Cool	MeOH: Me					
Sampler's Name:	FV														HCL: HC	HNO <sub>3</sub> : HN					
PO #:															H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na					
<b>SAMPLE RECEIPT</b>		Temp Blank:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Wet Ice:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500											H <sub>3</sub> PO <sub>4</sub> : HP	
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	113											NaHSO <sub>4</sub> : NABIS							
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Correction Factor:	-0.62											Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>							
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Temperature Reading:	4.76											Zn Acetate+NaOH: Zn							
Total Containers:		Corrected Temperature:	4.12											NaOH+Ascorbic Acid: SAPC							
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments				
CS-41 (3')	6/15/2023		X		C	1	X	X	X												
CS-42 (3')	6/15/2023		X		C	1	X	X	X												
CS-43 (3')	6/15/2023		X		C	1	X	X	X												
CS-44 (3')	6/15/2023		X		C	1	X	X	X												
CS-45 (3')	6/15/2023		X		C	1	X	X	X												
CS-46 (3')	6/15/2023		X		C	1	X	X	X												
CS-47 (3')	6/15/2023		X		C	1	X	X	X												
CS-48 (3')	6/15/2023		X		C	1	X	X	X												
CS-49 (3')	6/15/2023		X		C	1	X	X	X												
CS-50 (3')	6/15/2023		X		C	1	X	X	X												

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Fabian Vargas</i>	6-15-23 1500	<i>James Kennedy</i>	

Received by OCD: 6/26/2023 1:22:57 PM

# Chain of Custody

Work Order No: H233097

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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"/> IRC <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: _____

Project Name:		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number:	Modelo 10 Fed Com 607 Spill	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush		Due Date:	24 hours													None: NO	DI Water: H <sub>2</sub> O
Project Location	Lea County, New Mexico	Parameters														Cool: Cool	MeOH: Me			
Sampler's Name:	FV	BTEX 8021B														HCL: HC	HNO <sub>3</sub> : HN			
PO #:		TPH 8015M (GRO + DRO + MRO)														H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na			
SAMPLE RECEIPT		Temp Blank:	Wet Ice:	Chloride 4500														H <sub>3</sub> PO <sub>4</sub> : HP		
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	713														NaHSO <sub>4</sub> : NABIS		
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Correction Factor:	-0.01														Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>			
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Temperature Reading:	4.75														Zn Acetate+NaOH: Zn			
Total Containers:		Corrected Temperature:	4.12														NaOH+Ascorbic Acid: SAPC			
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
CS-51 (3')	6/15/2023		X		C	1	X	X	X											
CS-52 (3')	6/15/2023		X		C	1	X	X	X											
CS-53 (3')	6/15/2023		X		C	1	X	X	X											
CS-54 (3')	6/15/2023		X		C	1	X	X	X											
CS-55 (3')	6/15/2023		X		C	1	X	X	X											
CS-56 (3')	6/15/2023		X		C	1	X	X	X											
CS-57 (3')	6/15/2023		X		C	1	X	X	X											
CS-58 (3')	6/15/2023		X		C	1	X	X	X											
CS-59 (3')	6/15/2023		X		C	1	X	X	X											
CS-60 (3')	6/15/2023		X		C	1	X	X	X											

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Fabian Vargas</i>	6-15-23 1500	<i>James Kennedy</i>	

Received by OCD: 6/26/2023 1:22:57 PM

# Chain of Custody

Work Order No: H233097

Page 7 of 16

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"/> 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:		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes						
Project Number:	Modelo 10 Fed Com 607 Spill	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush		Due Date:	24 hours													None: NO	DI Water: H <sub>2</sub> O			
Project Location:	Lea County, New Mexico															Cool: Cool	MeOH: Me						
Sampler's Name:	FV															HCL: HC	HNO <sub>3</sub> : HN						
PO #:																H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na						
<b>SAMPLE RECEIPT</b>		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500													H <sub>3</sub> PO <sub>4</sub> : HP	
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	113													NaHSO <sub>4</sub> : NABIS							
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Correction Factor:	-0.6c													Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>							
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Temperature Reading:	4.7c													Zn Acetate+NaOH: Zn							
Total Containers:		Corrected Temperature:	4.1c													NaOH+Ascorbic Acid: SAPC							
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments				
CS-61 (3')	6/15/2023		X		C	1	X	X	X														
CS-62 (3')	6/15/2023		X		C	1	X	X	X														
CS-63 (3')	6/15/2023		X		C	1	X	X	X														
CS-64 (3')	6/15/2023		X		C	1	X	X	X														
CS-65 (3')	6/15/2023		X		C	1	X	X	X														
CS-66 (3')	6/15/2023		X		C	1	X	X	X														
CS-67 (3')	6/15/2023		X		C	1	X	X	X														
CS-68 (3')	6/15/2023		X		C	1	X	X	X														
CS-69 (3')	6/15/2023		X		C	1	X	X	X														
CS-70 (3')	6/15/2023		X		C	1	X	X	X														

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Fabian Vargas</i>	6-15-23 1500	<i>James Kennedy</i>	

# Chain of Custody

Work Order No: H233097

Page 8 of 16

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"/> 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:	Modelo 10 Fed Com 607 Spill		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes					
	Project Number:	2027	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush		Due Date:	24 hours <th colspan="12"></th> <th>None: NO</th> <th>DI Water: H<sub>2</sub>O</th>													None: NO	DI Water: H <sub>2</sub> O		
Project Location:	Lea County, New Mexico				Parameters													Cool: Cool	MeOH: Me				
Sampler's Name:	FV					BTEX 8021B													HCL: HC	HNO <sub>3</sub> : HN			
PO #:					TPH 8015M (GRO + DRO + MRO)														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"/>	Chloride 4500													H <sub>3</sub> PO <sub>4</sub> : HP		
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	113		Correction Factor:	-0.6°C															NaHSO <sub>4</sub> : NABIS		
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Temperature Reading:	21.7°C		Corrected Temperature:	4.1°C														Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>			
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A																	Zn Acetate+NaOH: Zn					
Total Containers:																			NaOH+Ascorbic Acid: SAPC				
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments				
CS-71 (3')	6/15/2023		X		C	1	X	X	X														
CS-72 (3')	6/15/2023		X		C	1	X	X	X														
CS-73 (3')	6/15/2023		X		C	1	X	X	X														
CS-74 (3')	6/15/2023		X		C	1	X	X	X														
CS-75 (3')	6/15/2023		X		C	1	X	X	X														
CS-76 (3')	6/15/2023		X		C	1	X	X	X														
CS-77 (3')	6/15/2023		X		C	1	X	X	X														
CS-78 (3')	6/15/2023		X		C	1	X	X	X														
CS-79 (3')	6/15/2023		X		C	1	X	X	X														
CS-80 (3')	6/15/2023		X		C	1	X	X	X														

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Fabian Vargas</i>	6-15-23 1500	<i>[Signature]</i>	





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

---

June 16, 2023

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

RE: MODELO 10 FED COM 607 SPILL

Enclosed are the results of analyses for samples received by the laboratory on 06/15/23 15:00.

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

Celey D. Keene  
Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 91 (3') (H233098-01)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.14	107	2.00	1.70	
Toluene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	5.58	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.28	114	2.00	4.25	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.69	112	6.00	3.69	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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
<b>Chloride</b>	<b>128</b>	16.0	06/16/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	184	92.2	200	0.684	
<b>DRO &gt;C10-C28*</b>	<b>470</b>	10.0	06/16/2023	ND	172	85.8	200	0.547	
<b>EXT DRO &gt;C28-C36</b>	<b>77.0</b>	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.0 % 49.1-148

Cardinal Laboratories

\*=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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 92 (3') (H233098-02)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.14	107	2.00	1.70	
Toluene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	5.58	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.28	114	2.00	4.25	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.69	112	6.00	3.69	
Total BTEX	<0.300	0.300	06/16/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>96.0</b>	16.0	06/16/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	184	92.2	200	0.684	
<b>DRO &gt;C10-C28*</b>	<b>327</b>	10.0	06/16/2023	ND	172	85.8	200	0.547	
<b>EXT DRO &gt;C28-C36</b>	<b>48.5</b>	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 93 (3') (H233098-03)**

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	06/16/2023	ND	1.63	81.5	2.00	24.3	
Toluene*	<0.050	0.050	06/16/2023	ND	1.78	88.8	2.00	9.80	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.88	94.0	2.00	3.35	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.75	95.8	6.00	3.30	
Total BTEX	<0.300	0.300	06/16/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>96.0</b>	16.0	06/16/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	184	92.2	200	0.684	
<b>DRO &gt;C10-C28*</b>	<b>475</b>	10.0	06/16/2023	ND	172	85.8	200	0.547	
<b>EXT DRO &gt;C28-C36</b>	<b>72.4</b>	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 94 (3') (H233098-04)**

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	06/16/2023	ND	1.63	81.5	2.00	24.3	
Toluene*	<0.050	0.050	06/16/2023	ND	1.78	88.8	2.00	9.80	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.88	94.0	2.00	3.35	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.75	95.8	6.00	3.30	
Total BTEX	<0.300	0.300	06/16/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>96.0</b>	16.0	06/16/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	184	92.2	200	0.684	
<b>DRO &gt;C10-C28*</b>	<b>290</b>	10.0	06/16/2023	ND	172	85.8	200	0.547	
<b>EXT DRO &gt;C28-C36</b>	<b>43.1</b>	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 95 (3') (H233098-05)**

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	06/16/2023	ND	1.63	81.5	2.00	24.3	
Toluene*	<0.050	0.050	06/16/2023	ND	1.78	88.8	2.00	9.80	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.88	94.0	2.00	3.35	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.75	95.8	6.00	3.30	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	96.0	16.0	06/16/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	184	92.2	200	0.684	
DRO >C10-C28*	356	10.0	06/16/2023	ND	172	85.8	200	0.547	
EXT DRO >C28-C36	56.8	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 96 (3') (H233098-06)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	1.63	81.5	2.00	24.3	
Toluene*	<0.050	0.050	06/16/2023	ND	1.78	88.8	2.00	9.80	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.88	94.0	2.00	3.35	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.75	95.8	6.00	3.30	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 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
<b>Chloride</b>	<b>112</b>	16.0	06/16/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	184	92.2	200	0.684	
<b>DRO &gt;C10-C28*</b>	<b>538</b>	10.0	06/16/2023	ND	172	85.8	200	0.547	
<b>EXT DRO &gt;C28-C36</b>	<b>87.6</b>	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 96.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.4 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 97 (3') (H233098-07)**

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	06/16/2023	ND	1.63	81.5	2.00	24.3	
Toluene*	<0.050	0.050	06/16/2023	ND	1.78	88.8	2.00	9.80	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.88	94.0	2.00	3.35	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.75	95.8	6.00	3.30	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	96.0	16.0	06/16/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	181	90.7	200	8.77	
DRO >C10-C28*	441	10.0	06/16/2023	ND	165	82.3	200	2.60	
EXT DRO >C28-C36	94.6	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 98 (3') (H233098-08)**

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	06/16/2023	ND	1.63	81.5	2.00	24.3	
Toluene*	<0.050	0.050	06/16/2023	ND	1.78	88.8	2.00	9.80	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.88	94.0	2.00	3.35	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.75	95.8	6.00	3.30	
Total BTEX	<0.300	0.300	06/16/2023	ND					

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

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	06/16/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	181	90.7	200	8.77	
DRO >C10-C28*	437	10.0	06/16/2023	ND	165	82.3	200	2.60	
EXT DRO >C28-C36	93.2	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 96.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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**Analytical Results For:**

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

Received:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 99 (3') (H233098-09)**

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	06/16/2023	ND	1.63	81.5	2.00	24.3	
Toluene*	<0.050	0.050	06/16/2023	ND	1.78	88.8	2.00	9.80	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.88	94.0	2.00	3.35	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.75	95.8	6.00	3.30	
Total BTEX	<0.300	0.300	06/16/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>112</b>	16.0	06/16/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	181	90.7	200	8.77	
<b>DRO &gt;C10-C28*</b>	<b>508</b>	10.0	06/16/2023	ND	165	82.3	200	2.60	
<b>EXT DRO &gt;C28-C36</b>	<b>110</b>	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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**Analytical Results For:**

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

Received:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 100 (3') (H233098-10)**

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	06/16/2023	ND	1.63	81.5	2.00	24.3	
Toluene*	<0.050	0.050	06/16/2023	ND	1.78	88.8	2.00	9.80	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.88	94.0	2.00	3.35	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.75	95.8	6.00	3.30	
Total BTEX	<0.300	0.300	06/16/2023	ND					

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

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	06/16/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	181	90.7	200	8.77	
DRO >C10-C28*	538	10.0	06/16/2023	ND	165	82.3	200	2.60	
EXT DRO >C28-C36	111	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 96.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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**Analytical Results For:**

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

Received:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 101 (3') (H233098-11)**

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	06/16/2023	ND	1.63	81.5	2.00	24.3	
Toluene*	<0.050	0.050	06/16/2023	ND	1.78	88.8	2.00	9.80	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.88	94.0	2.00	3.35	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.75	95.8	6.00	3.30	
Total BTEX	<0.300	0.300	06/16/2023	ND					

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

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	06/16/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	181	90.7	200	8.77	
DRO >C10-C28*	442	10.0	06/16/2023	ND	165	82.3	200	2.60	
EXT DRO >C28-C36	95.2	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 78.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.5 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 102 (3') (H233098-12)**

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	06/16/2023	ND	1.63	81.5	2.00	24.3	
Toluene*	<0.050	0.050	06/16/2023	ND	1.78	88.8	2.00	9.80	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.88	94.0	2.00	3.35	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.75	95.8	6.00	3.30	
Total BTEX	<0.300	0.300	06/16/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/16/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	181	90.7	200	8.77	
DRO >C10-C28*	92.0	10.0	06/16/2023	ND	165	82.3	200	2.60	
EXT DRO >C28-C36	20.3	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 95.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.4 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 103 (3') (H233098-13)**

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	06/16/2023	ND	1.63	81.5	2.00	24.3	
Toluene*	<0.050	0.050	06/16/2023	ND	1.78	88.8	2.00	9.80	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.88	94.0	2.00	3.35	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.75	95.8	6.00	3.30	
Total BTEX	<0.300	0.300	06/16/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>96.0</b>	16.0	06/16/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	181	90.7	200	8.77	
<b>DRO &gt;C10-C28*</b>	<b>103</b>	10.0	06/16/2023	ND	165	82.3	200	2.60	
<b>EXT DRO &gt;C28-C36</b>	<b>25.5</b>	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 87.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.3 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 104 (3') (H233098-14)**

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	06/16/2023	ND	1.63	81.5	2.00	24.3	
Toluene*	<0.050	0.050	06/16/2023	ND	1.78	88.8	2.00	9.80	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.88	94.0	2.00	3.35	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.75	95.8	6.00	3.30	
Total BTEX	<0.300	0.300	06/16/2023	ND					

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

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	06/16/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	181	90.7	200	8.77	
DRO >C10-C28*	95.6	10.0	06/16/2023	ND	165	82.3	200	2.60	
EXT DRO >C28-C36	22.6	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 99.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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**Analytical Results For:**

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

Received:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 105 (3') (H233098-15)**

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	06/16/2023	ND	1.63	81.5	2.00	24.3	
Toluene*	<0.050	0.050	06/16/2023	ND	1.78	88.8	2.00	9.80	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.88	94.0	2.00	3.35	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.75	95.8	6.00	3.30	
Total BTEX	<0.300	0.300	06/16/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/16/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	181	90.7	200	8.77	
DRO >C10-C28*	84.0	10.0	06/16/2023	ND	165	82.3	200	2.60	
EXT DRO >C28-C36	18.1	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.5 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: CS - 106 (3') (H233098-16)**

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	06/16/2023	ND	1.63	81.5	2.00	24.3	
Toluene*	<0.050	0.050	06/16/2023	ND	1.78	88.8	2.00	9.80	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.88	94.0	2.00	3.35	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.75	95.8	6.00	3.30	
Total BTEX	<0.300	0.300	06/16/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/16/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	181	90.7	200	8.77	
DRO >C10-C28*	126	10.0	06/16/2023	ND	165	82.3	200	2.60	
EXT DRO >C28-C36	30.8	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 1 (3.5') (H233098-17)**

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	06/16/2023	ND	1.63	81.5	2.00	24.3	
Toluene*	<0.050	0.050	06/16/2023	ND	1.78	88.8	2.00	9.80	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.88	94.0	2.00	3.35	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.75	95.8	6.00	3.30	
Total BTEX	<0.300	0.300	06/16/2023	ND					

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

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	06/16/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	181	90.7	200	8.77	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	165	82.3	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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**Analytical Results For:**

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

Received:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 2 (3.5') (H233098-18)**

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	06/16/2023	ND	1.63	81.5	2.00	24.3	
Toluene*	<0.050	0.050	06/16/2023	ND	1.78	88.8	2.00	9.80	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.88	94.0	2.00	3.35	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.75	95.8	6.00	3.30	
Total BTEX	<0.300	0.300	06/16/2023	ND					

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

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	06/16/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	181	90.7	200	8.77	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	165	82.3	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 102 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 3 (3.5') (H233098-19)**

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	06/16/2023	ND	1.63	81.5	2.00	24.3	
Toluene*	<0.050	0.050	06/16/2023	ND	1.78	88.8	2.00	9.80	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.88	94.0	2.00	3.35	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.75	95.8	6.00	3.30	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

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	06/16/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	181	90.7	200	8.77	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	165	82.3	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 124 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 4 (3.5') (H233098-20)**

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	06/16/2023	ND	1.63	81.5	2.00	24.3	
Toluene*	<0.050	0.050	06/16/2023	ND	1.78	88.8	2.00	9.80	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.88	94.0	2.00	3.35	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.75	95.8	6.00	3.30	
Total BTEX	<0.300	0.300	06/16/2023	ND					

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

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	06/16/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	181	90.7	200	8.77	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	165	82.3	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 118 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 5 (3.5') (H233098-21)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	1.63	81.5	2.00	24.3	
Toluene*	<0.050	0.050	06/16/2023	ND	1.78	88.8	2.00	9.80	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.88	94.0	2.00	3.35	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.75	95.8	6.00	3.30	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	06/16/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	181	90.7	200	8.77	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	165	82.3	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 116 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 6 (0.5') (H233098-22)**

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	06/16/2023	ND	1.63	81.5	2.00	24.3	
Toluene*	<0.050	0.050	06/16/2023	ND	1.78	88.8	2.00	9.80	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.88	94.0	2.00	3.35	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.75	95.8	6.00	3.30	
Total BTEX	<0.300	0.300	06/16/2023	ND					

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

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	06/16/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	181	90.7	200	8.77	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	165	82.3	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 119 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 7 (4') (H233098-23)**

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	06/16/2023	ND	2.30	115	2.00	0.478	
Toluene*	<0.050	0.050	06/16/2023	ND	2.16	108	2.00	0.275	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	1.26	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.62	110	6.00	1.21	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

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	06/16/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	181	90.7	200	8.77	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	165	82.3	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 115 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 8 (4') (H233098-24)**

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	06/16/2023	ND	2.30	115	2.00	0.478	
Toluene*	<0.050	0.050	06/16/2023	ND	2.16	108	2.00	0.275	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	1.26	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.62	110	6.00	1.21	
Total BTEX	<0.300	0.300	06/16/2023	ND					

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

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	06/16/2023	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	06/16/2023	ND	181	90.7	200	8.77	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	165	82.3	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 117 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 9 (4') (H233098-25)**

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	06/16/2023	ND	2.30	115	2.00	0.478	
Toluene*	<0.050	0.050	06/16/2023	ND	2.16	108	2.00	0.275	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	1.26	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.62	110	6.00	1.21	
Total BTEX	<0.300	0.300	06/16/2023	ND					

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

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	06/16/2023	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	06/16/2023	ND	181	90.7	200	8.77	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	165	82.3	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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**Analytical Results For:**

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

Received:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 10 (4') (H233098-26)**

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	06/16/2023	ND	2.30	115	2.00	0.478	
Toluene*	<0.050	0.050	06/16/2023	ND	2.16	108	2.00	0.275	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	1.26	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.62	110	6.00	1.21	
Total BTEX	<0.300	0.300	06/16/2023	ND					

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

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	06/16/2023	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	06/16/2023	ND	181	90.7	200	8.77	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	165	82.3	200	2.60	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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**Analytical Results For:**

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

Received:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 11 (2.5') (H233098-27)**

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	06/16/2023	ND	2.30	115	2.00	0.478		
Toluene*	<0.050	0.050	06/16/2023	ND	2.16	108	2.00	0.275		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	1.26		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.62	110	6.00	1.21		
Total BTEX	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	06/16/2023	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	06/16/2023	ND	161	80.3	200	1.90		
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	175	87.6	200	1.81		
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND						

Surrogate: 1-Chlorooctane 106 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 12 (1.5') (H233098-28)**

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	06/16/2023	ND	2.30	115	2.00	0.478	
Toluene*	<0.050	0.050	06/16/2023	ND	2.16	108	2.00	0.275	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	1.26	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.62	110	6.00	1.21	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	06/16/2023	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	06/16/2023	ND	161	80.3	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	175	87.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 13 (1.5') (H233098-29)**

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	06/16/2023	ND	2.30	115	2.00	0.478	
Toluene*	<0.050	0.050	06/16/2023	ND	2.16	108	2.00	0.275	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	1.26	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.62	110	6.00	1.21	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

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	06/16/2023	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	06/16/2023	ND	161	80.3	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	175	87.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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**Analytical Results For:**

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

Received:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

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

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	06/16/2023	ND	2.30	115	2.00	0.478	
Toluene*	<0.050	0.050	06/16/2023	ND	2.16	108	2.00	0.275	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	1.26	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.62	110	6.00	1.21	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	06/16/2023	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	06/16/2023	ND	161	80.3	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	175	87.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 15 (1.5') (H233098-31)**

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	06/16/2023	ND	2.30	115	2.00	0.478	
Toluene*	<0.050	0.050	06/16/2023	ND	2.16	108	2.00	0.275	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	1.26	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.62	110	6.00	1.21	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	06/16/2023	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	06/16/2023	ND	161	80.3	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	175	87.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 138 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

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

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	06/16/2023	ND	2.30	115	2.00	0.478	
Toluene*	<0.050	0.050	06/16/2023	ND	2.16	108	2.00	0.275	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	1.26	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.62	110	6.00	1.21	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

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	06/16/2023	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	06/16/2023	ND	161	80.3	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	175	87.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 136 % 49.1-148

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**Analytical Results For:**

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

Received:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 17 (1.5') (H233098-33)**

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	06/16/2023	ND	2.30	115	2.00	0.478		
Toluene*	<0.050	0.050	06/16/2023	ND	2.16	108	2.00	0.275		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	1.26		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.62	110	6.00	1.21		
Total BTEX	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

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	06/16/2023	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	06/16/2023	ND	161	80.3	200	1.90		
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	175	87.6	200	1.81		
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND						

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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**Analytical Results For:**

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

Received:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 18 (2.5') (H233098-34)**

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	06/16/2023	ND	2.30	115	2.00	0.478	
Toluene*	<0.050	0.050	06/16/2023	ND	2.16	108	2.00	0.275	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	1.26	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.62	110	6.00	1.21	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

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	06/16/2023	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	06/16/2023	ND	161	80.3	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	175	87.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 19 (2.5') (H233098-35)**

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	06/16/2023	ND	2.30	115	2.00	0.478	
Toluene*	<0.050	0.050	06/16/2023	ND	2.16	108	2.00	0.275	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	1.26	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.62	110	6.00	1.21	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	06/16/2023	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	06/16/2023	ND	161	80.3	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	175	87.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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**Analytical Results For:**

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

Received:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 20 (1') (H233098-36)**

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	06/16/2023	ND	2.30	115	2.00	0.478	
Toluene*	<0.050	0.050	06/16/2023	ND	2.16	108	2.00	0.275	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	1.26	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.62	110	6.00	1.21	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

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	06/16/2023	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	06/16/2023	ND	161	80.3	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	175	87.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 21 (1.5') (H233098-37)**

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	06/16/2023	ND	2.30	115	2.00	0.478	
Toluene*	<0.050	0.050	06/16/2023	ND	2.16	108	2.00	0.275	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	1.26	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.62	110	6.00	1.21	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

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	06/16/2023	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	06/16/2023	ND	161	80.3	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	175	87.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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**Analytical Results For:**

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

Received:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 22 (1.5') (H233098-38)**

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	06/16/2023	ND	2.30	115	2.00	0.478	
Toluene*	<0.050	0.050	06/16/2023	ND	2.16	108	2.00	0.275	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	1.26	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.62	110	6.00	1.21	
Total BTEX	<0.300	0.300	06/16/2023	ND					

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

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	06/16/2023	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	06/16/2023	ND	161	80.3	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	175	87.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 105 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 23 (1.5') (H233098-39)**

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	06/16/2023	ND	2.30	115	2.00	0.478	
Toluene*	<0.050	0.050	06/16/2023	ND	2.16	108	2.00	0.275	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	1.26	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.62	110	6.00	1.21	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

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	06/16/2023	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	06/16/2023	ND	161	80.3	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	175	87.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 107 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 24 (1.5') (H233098-40)**

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	06/16/2023	ND	2.30	115	2.00	0.478	
Toluene*	<0.050	0.050	06/16/2023	ND	2.16	108	2.00	0.275	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	1.26	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.62	110	6.00	1.21	
Total BTEX	<0.300	0.300	06/16/2023	ND					

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

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	06/16/2023	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	06/16/2023	ND	161	80.3	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	175	87.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 103 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 25 (1.5') (H233098-41)**

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	06/16/2023	ND	2.30	115	2.00	0.478	
Toluene*	<0.050	0.050	06/16/2023	ND	2.16	108	2.00	0.275	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	1.26	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.62	110	6.00	1.21	
Total BTEX	<0.300	0.300	06/16/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	06/16/2023	ND	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	06/16/2023	ND	161	80.3	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	175	87.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 143 % 49.1-148

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**Analytical Results For:**

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

Received:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 26 (1.5') (H233098-42)**

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	06/16/2023	ND	2.30	115	2.00	0.478		
Toluene*	<0.050	0.050	06/16/2023	ND	2.16	108	2.00	0.275		
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.20	110	2.00	1.26		
Total Xylenes*	<0.150	0.150	06/16/2023	ND	6.62	110	6.00	1.21		
Total BTEX	<0.300	0.300	06/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

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	06/16/2023	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	06/16/2023	ND	161	80.3	200	1.90		
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	175	87.6	200	1.81		
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND						

Surrogate: 1-Chlorooctane 114 % 48.2-134

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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 27 (1.5') (H233098-43)**

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	06/16/2023	ND	2.29	114	2.00	2.34	QR-03
Toluene*	<0.050	0.050	06/16/2023	ND	2.43	122	2.00	0.0000883	QR-03
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.33	117	2.00	3.62	QR-03
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.04	117	6.00	3.48	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	06/16/2023	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	06/16/2023	ND	161	80.3	200	1.90	
DRO >C10-C28*	10.4	10.0	06/16/2023	ND	175	87.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 95.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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**Analytical Results For:**

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

Received:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 28 (1.5') (H233098-44)**

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	06/16/2023	ND	2.29	114	2.00	2.34	
Toluene*	<0.050	0.050	06/16/2023	ND	2.43	122	2.00	0.0000883	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.33	117	2.00	3.62	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.04	117	6.00	3.48	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

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	06/16/2023	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	06/16/2023	ND	161	80.3	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	175	87.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 29 (1.5') (H233098-45)**

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	06/16/2023	ND	2.29	114	2.00	2.34	GC-NC
Toluene*	<0.050	0.050	06/16/2023	ND	2.43	122	2.00	0.0000883	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.33	117	2.00	3.62	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.04	117	6.00	3.48	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

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	06/16/2023	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	06/16/2023	ND	161	80.3	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	175	87.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 143 % 49.1-148

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**Analytical Results For:**

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

Received:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 30 (1.5') (H233098-46)**

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	06/16/2023	ND	2.29	114	2.00	2.34	
Toluene*	<0.050	0.050	06/16/2023	ND	2.43	122	2.00	0.0000883	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.33	117	2.00	3.62	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.04	117	6.00	3.48	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

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	06/16/2023	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	06/16/2023	ND	161	80.3	200	1.90	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	175	87.6	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 49.1-148

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**Analytical Results For:**

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

Received:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 31 (2') (H233098-47)**

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	06/16/2023	ND	2.29	114	2.00	2.34	
Toluene*	<0.050	0.050	06/16/2023	ND	2.43	122	2.00	0.0000883	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.33	117	2.00	3.62	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.04	117	6.00	3.48	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>224</b>	16.0	06/16/2023	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	06/15/2023	ND	172	86.1	200	1.69	
<b>DRO &gt;C10-C28*</b>	<b>59.9</b>	10.0	06/15/2023	ND	176	87.8	200	0.269	
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 32 (1.5') (H233098-48)**

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	06/16/2023	ND	2.29	114	2.00	2.34	
Toluene*	<0.050	0.050	06/16/2023	ND	2.43	122	2.00	0.0000883	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.33	117	2.00	3.62	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.04	117	6.00	3.48	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

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	06/16/2023	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	06/15/2023	ND	172	86.1	200	1.69	
DRO >C10-C28*	21.5	10.0	06/15/2023	ND	176	87.8	200	0.269	
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND					

Surrogate: 1-Chlorooctane 103 % 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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

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

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	06/16/2023	ND	2.29	114	2.00	2.34	
Toluene*	<0.050	0.050	06/16/2023	ND	2.43	122	2.00	0.0000883	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.33	117	2.00	3.62	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.04	117	6.00	3.48	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

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	06/16/2023	ND	400	100	400	3.92	

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	06/15/2023	ND	172	86.1	200	1.69		
DRO >C10-C28*	<10.0	10.0	06/15/2023	ND	176	87.8	200	0.269		
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND						

Surrogate: 1-Chlorooctane 135 % 48.2-134

Surrogate: 1-Chlorooctadecane 139 % 49.1-148

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**Analytical Results For:**

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

Received:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 34 (3') (H233098-50)**

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	06/16/2023	ND	2.29	114	2.00	2.34	
Toluene*	<0.050	0.050	06/16/2023	ND	2.43	122	2.00	0.0000883	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.33	117	2.00	3.62	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.04	117	6.00	3.48	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

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	06/16/2023	ND	400	100	400	3.92	

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	06/15/2023	ND	172	86.1	200	1.69		
DRO >C10-C28*	<10.0	10.0	06/15/2023	ND	176	87.8	200	0.269		
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND						

Surrogate: 1-Chlorooctane 136 % 48.2-134

Surrogate: 1-Chlorooctadecane 138 % 49.1-148

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**Analytical Results For:**

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

Received:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 35 (3') (H233098-51)**

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	06/16/2023	ND	2.29	114	2.00	2.34	
Toluene*	<0.050	0.050	06/16/2023	ND	2.43	122	2.00	0.0000883	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.33	117	2.00	3.62	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.04	117	6.00	3.48	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

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	06/16/2023	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	06/15/2023	ND	172	86.1	200	1.69	
DRO >C10-C28*	<10.0	10.0	06/15/2023	ND	176	87.8	200	0.269	
EXT DRO >C28-C36	<10.0	10.0	06/15/2023	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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**Analytical Results For:**

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

Received:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 36 (3') (H233098-52)**

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	06/16/2023	ND	2.29	114	2.00	2.34	
Toluene*	<0.050	0.050	06/16/2023	ND	2.43	122	2.00	0.0000883	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.33	117	2.00	3.62	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.04	117	6.00	3.48	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

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	06/16/2023	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	06/16/2023	ND	172	86.1	200	1.69	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	176	87.8	200	0.269	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 132 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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**Analytical Results For:**

CARMONA RESOURCES  
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 Fax To:

Received:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

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

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	06/16/2023	ND	2.29	114	2.00	2.34	
Toluene*	<0.050	0.050	06/16/2023	ND	2.43	122	2.00	0.0000883	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.33	117	2.00	3.62	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.04	117	6.00	3.48	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

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	06/16/2023	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	06/16/2023	ND	172	86.1	200	1.69	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	176	87.8	200	0.269	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 126 % 48.2-134

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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 38 (3') (H233098-54)**

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	06/16/2023	ND	2.29	114	2.00	2.34	
Toluene*	<0.050	0.050	06/16/2023	ND	2.43	122	2.00	0.0000883	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.33	117	2.00	3.62	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.04	117	6.00	3.48	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

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	06/16/2023	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	06/16/2023	ND	172	86.1	200	1.69	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	176	87.8	200	0.269	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

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

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	06/16/2023	ND	2.29	114	2.00	2.34	
Toluene*	<0.050	0.050	06/16/2023	ND	2.43	122	2.00	0.0000883	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.33	117	2.00	3.62	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.04	117	6.00	3.48	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	06/16/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/16/2023	ND	172	86.1	200	1.69	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	176	87.8	200	0.269	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 126 % 48.2-134

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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 40 (3') (H233098-56)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.29	114	2.00	2.34	
Toluene*	<0.050	0.050	06/16/2023	ND	2.43	122	2.00	0.0000883	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.33	117	2.00	3.62	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.04	117	6.00	3.48	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

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	06/16/2023	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	06/16/2023	ND	172	86.1	200	1.69	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	176	87.8	200	0.269	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 133 % 48.2-134

Surrogate: 1-Chlorooctadecane 136 % 49.1-148

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**Analytical Results For:**

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

Received:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 41 (3') (H233098-57)**

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	06/16/2023	ND	2.29	114	2.00	2.34	
Toluene*	<0.050	0.050	06/16/2023	ND	2.43	122	2.00	0.0000883	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.33	117	2.00	3.62	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.04	117	6.00	3.48	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	06/16/2023	ND	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	06/16/2023	ND	172	86.1	200	1.69	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	176	87.8	200	0.269	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 134 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 49.1-148

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**Analytical Results For:**

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

Received:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 42 (3') (H233098-58)**

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	06/16/2023	ND	2.29	114	2.00	2.34	
Toluene*	<0.050	0.050	06/16/2023	ND	2.43	122	2.00	0.0000883	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.33	117	2.00	3.62	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.04	117	6.00	3.48	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	06/16/2023	ND	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	06/16/2023	ND	172	86.1	200	1.69	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	176	87.8	200	0.269	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 130 % 48.2-134

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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 43 (3') (H233098-59)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.29	114	2.00	2.34	
Toluene*	<0.050	0.050	06/16/2023	ND	2.43	122	2.00	0.0000883	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.33	117	2.00	3.62	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.04	117	6.00	3.48	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

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	06/16/2023	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	06/16/2023	ND	172	86.1	200	1.69	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	176	87.8	200	0.269	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 133 % 48.2-134

Surrogate: 1-Chlorooctadecane 136 % 49.1-148

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**Analytical Results For:**

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

Received:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 44 (3') (H233098-60)**

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	06/16/2023	ND	2.29	114	2.00	2.34	
Toluene*	<0.050	0.050	06/16/2023	ND	2.43	122	2.00	0.0000883	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.33	117	2.00	3.62	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.04	117	6.00	3.48	
Total BTEX	<0.300	0.300	06/16/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	06/16/2023	ND	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	06/16/2023	ND	172	86.1	200	1.69	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	176	87.8	200	0.269	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 133 % 48.2-134

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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 45 (3') (H233098-61)**

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	06/16/2023	ND	2.29	114	2.00	2.34	
Toluene*	<0.050	0.050	06/16/2023	ND	2.43	122	2.00	0.0000883	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.33	117	2.00	3.62	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.04	117	6.00	3.48	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	06/16/2023	ND	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	06/16/2023	ND	172	86.1	200	1.69	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	176	87.8	200	0.269	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 132 % 48.2-134

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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 46 (3') (H233098-62)**

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	06/16/2023	ND	2.29	114	2.00	2.34	
Toluene*	<0.050	0.050	06/16/2023	ND	2.43	122	2.00	0.0000883	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	2.33	117	2.00	3.62	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	7.04	117	6.00	3.48	
Total BTEX	<0.300	0.300	06/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

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	06/16/2023	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	06/16/2023	ND	172	86.1	200	1.69	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	176	87.8	200	0.269	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 133 % 48.2-134

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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 47 (3') (H233098-63)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2023	ND	2.15	108	2.00	7.67	
Toluene*	<0.050	0.050	06/16/2023	ND	1.99	99.7	2.00	6.78	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.93	96.6	2.00	7.52	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.75	95.9	6.00	7.05	
Total BTEX	<0.300	0.300	06/16/2023	ND					

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

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	06/16/2023	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	06/16/2023	ND	172	86.1	200	1.69	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	176	87.8	200	0.269	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 130 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 49.1-148

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**Analytical Results For:**

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

Received:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 48 (3') (H233098-64)**

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	06/16/2023	ND	2.15	108	2.00	7.67	
Toluene*	<0.050	0.050	06/16/2023	ND	1.99	99.7	2.00	6.78	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.93	96.6	2.00	7.52	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.75	95.9	6.00	7.05	
Total BTEX	<0.300	0.300	06/16/2023	ND					

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

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	06/16/2023	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	06/16/2023	ND	172	86.1	200	1.69	
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	176	87.8	200	0.269	
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

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:	06/15/2023	Sampling Date:	06/15/2023
Reported:	06/16/2023	Sampling Type:	Soil
Project Name:	MODELO 10 FED COM 607 SPILL	Sampling Condition:	Cool & Intact
Project Number:	2027	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

**Sample ID: SW - 49 (3') (H233098-65)**

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	06/16/2023	ND	2.15	108	2.00	7.67	
Toluene*	<0.050	0.050	06/16/2023	ND	1.99	99.7	2.00	6.78	
Ethylbenzene*	<0.050	0.050	06/16/2023	ND	1.93	96.6	2.00	7.52	
Total Xylenes*	<0.150	0.150	06/16/2023	ND	5.75	95.9	6.00	7.05	
Total BTEX	<0.300	0.300	06/16/2023	ND					

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

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	06/16/2023	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	06/16/2023	ND	172	86.1	200	1.69		
DRO >C10-C28*	<10.0	10.0	06/16/2023	ND	176	87.8	200	0.269		
EXT DRO >C28-C36	<10.0	10.0	06/16/2023	ND						

Surrogate: 1-Chlorooctane 139 % 48.2-134

Surrogate: 1-Chlorooctadecane 142 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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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.
QR-04 The RPD for the BS/BSD was outside of historical limits.
QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference.
GC-NC 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
\*\* Samples not received at proper temperature of 6°C or below.
\*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

# Chain of Custody

Work Order No: H233098

Page 10 of 16

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"/> 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: <input type="checkbox"/>

Project Name:		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number:	Modelo 10 Fed Com 607 Spill	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush		None: NO	DI Water: H <sub>2</sub> O												
Project Location	Lea County, New Mexico	Due Date:	24 hours	Cool: Cool	MeOH: Me													
Sampler's Name:	FV			HCL: HC	HNO <sub>3</sub> : HN													
PO #:				H <sub>2</sub> S <sub>4</sub> : H <sub>2</sub>	NaOH: Na													
<b>SAMPLE RECEIPT</b>		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Parameters BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500												H <sub>3</sub> PO <sub>4</sub> : HP
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	113		NaHSO <sub>4</sub> : NABIS													
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Correction Factor:	-0.6		Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>													
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Temperature Reading:	4.7		Zn Acetate+NaOH: Zn													
Total Containers:		Corrected Temperature:	4.1		NaOH+Ascorbic Acid: SAPC													
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont												Sample Comments
CS-91 (3')	6/15/2023		X		C	1	X	X	X									
CS-92 (3')	6/15/2023		X		C	1	X	X	X									
CS-93 (3')	6/15/2023		X		C	1	X	X	X									
CS-94 (3')	6/15/2023		X		C	1	X	X	X									
CS-95 (3')	6/15/2023		X		C	1	X	X	X									
CS-96 (3')	6/15/2023		X		C	1	X	X	X									
CS-97 (3')	6/15/2023		X		C	1	X	X	X									
CS-98 (3')	6/15/2023		X		C	1	X	X	X									
CS-99 (3')	6/15/2023		X		C	1	X	X	X									
CS-100 (3')	6/15/2023		X		C	1	X	X	X									

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<u>Fabian Vargas</u>	<u>6-15-23 1500</u>	<u>[Signature]</u>	

2001609-5000 -





# Chain of Custody

Work Order No: H233098

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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"/> 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: _____

Project Name:		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number:	Modelo 10 Fed Com 607 Spill	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush		None: NO	DI Water: H <sub>2</sub> O												
Project Location:	Lea County, New Mexico	Due Date:	24 hours	Cool: Cool	MeOH: Me													
Sampler's Name:	FV	PO #:		HCL: HC	HNO <sub>3</sub> : HN													
SAMPLE RECEIPT		Temp Blank:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Wet Ice:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na											
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	113	H <sub>3</sub> PO <sub>4</sub> : HP														
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Correction Factor:	-0.6°C	NaHSO <sub>4</sub> : NABIS														
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Temperature Reading:	4.7°C	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>														
Total Containers:		Corrected Temperature:	4.1°C	Zn Acetate+NaOH: Zn														
				NaOH+Ascorbic Acid: SAPC														
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500									Sample Comments
SW-15 (1.5')	6/15/2023		X		C	1	X	X	X									
SW-16 (1.5')	6/15/2023		X		C	1	X	X	X									
SW-17 (1.5')	6/15/2023		X		C	1	X	X	X									
SW-18 (2.5')	6/15/2023		X		C	1	X	X	X									
SW-19 (2.5')	6/15/2023		X		C	1	X	X	X									
SW-20 (1')	6/15/2023		X		C	1	X	X	X									
SW-21 (1.5')	6/15/2023		X		C	1	X	X	X									
SW-22 (1.5')	6/15/2023		X		C	1	X	X	X									
SW-23 (1.5')	6/15/2023		X		C	1	X	X	X									
SW-24 (1.5')	6/15/2023		X		C	1	X	X	X									

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Fabian Vargas</i>	6-15-23 1500	<i>Amara Clarke</i>	

Received by OCD: 6/26/2023 1:22:57 PM 31 32 33 34 35 36 37 38 39 40





# Chain of Custody

Work Order No: H233098

Page 16 of 16

Project Manager:	Conner Moehring	Bill to: (if different)	James Kennerly
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"/> 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:		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes										
Project Number:	Modelo 10 Fed Com 607 Spill	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush														None: NO	DI Water: H <sub>2</sub> O									
Project Location:	Lea County, New Mexico	Due Date:	24 hours	Parameters													Cool: Cool	MeOH: Me									
Sampler's Name:	FV													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 type="checkbox"/> No <input checked="" 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 type="checkbox"/> No <input checked="" 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 type="checkbox"/> No <input checked="" 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								
61 SW-45 (3')	6/15/2023		X		C	1	X	X	X																		
62 SW-46 (3')	6/15/2023		X		C	1	X	X	X																		
63 SW-47 (3')	6/15/2023		X		C	1	X	X	X																		
64 SW-48 (3')	6/15/2023		X		C	1	X	X	X																		
65 SW-49 (3')	6/15/2023		X		C	1	X	X	X																		

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Fabian Vargas</i>	6-15-23 1500	<i>James Kennerly</i>	

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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**

CONDITIONS

Action 232836

**CONDITIONS**

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

**CONDITIONS**

Created By	Condition	Condition Date
nvelez	None	9/20/2023