



## SITE INFORMATION

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**Closure Report**  
**Sidewinder Riser Release**  
**Incident ID: NAPP2315947275**  
**Lea County, New Mexico**  
**Unit O Sec 10 T25S R34E**  
**32.138407°, -103.456341°**

**Produced Water Release**  
**Point of Release: Ruptured Underground Transfer Line**  
**Release Date: 06/05/23**  
**Volume Released: 1,000 Barrels of Produced Water**  
**Volume Recovered: 150 Barrels of Produced Water**

**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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October 16, 2023

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

**Re: Closure Report  
Sidewinder Riser Release  
EOG Resources Inc.  
Incident #: nAPP2315947275  
Site Location: Unit O Sec 10 T25S R34E  
(Lat 32.138407°, Long - 103.456341°)  
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 Sidewinder Riser Release site activities. The site is located at 32.138407°, - 103.456341° within Unit O Sec 10 T25S R34E, 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 June 5, 2023, and was caused by an underground transfer line rupture. It released approximately one thousand (1,000) barrels of produced water, with one-hundred fifty (150) barrels of produced water recovered. The impacted area occurred off the pad, as 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, two known water sources are within a 0.50-mile radius of the location. The nearest identified well is located approximately 0.41 miles Southeast of the site in S15, T25S, R34E, and was drilled in 2013. The well's depth has a reported depth to groundwater of 174 feet below the ground surface (ft bgs). The second well is located approximately 0.44 miles Southeast of the site in S15, T25S, R34E, and was drilled in 1917. The well has a reported depth to groundwater of 135 feet below the ground surface (ft bgs). A copy of the associated Point of Diversion Summary report is attached in Appendix D.

### **3.0 NMAC Regulatory Criteria**

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

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH: 2,500 mg/kg (GRO + DRO + MRO).
- TPH: 1,000 mg/kg (GRO + DRO).
- Chloride: 20,000 mg/kg.

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Midland, Texas 79701  
432.813.1992



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

On June 13, 2023, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts surrounding the release. A total of thirteen (13) horizontal sample points (H-1 through H-13) were advanced to depths ranging from the surface to 0.5' bgs to evaluate the horizontal extent of the release. 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.

See Table 1 for the analytical results.

#### **5.0 Remediation Activities**

Carmona Resources personnel were on site to guide the remediation activities and collect confirmation samples. Before collecting composite confirmation samples, the NMOCD division office was notified via email on August 14, 2023, per Subsection D of 19.15.29.12 NMAC. See Appendix C. A total of four hundred sixty-four (464) floor confirmation samples were collected (CS-1 through CS-464), and eighty-seven (87) sidewall samples (SW-1 through SW-87) were collected every 200 square feet to ensure the proper removal of the contaminated soils. Samples that exceeded regulatory limits were assessed and excavated further to ensure the removal of all impacted material. 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 Figures 4-4h.

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

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 10,020 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**

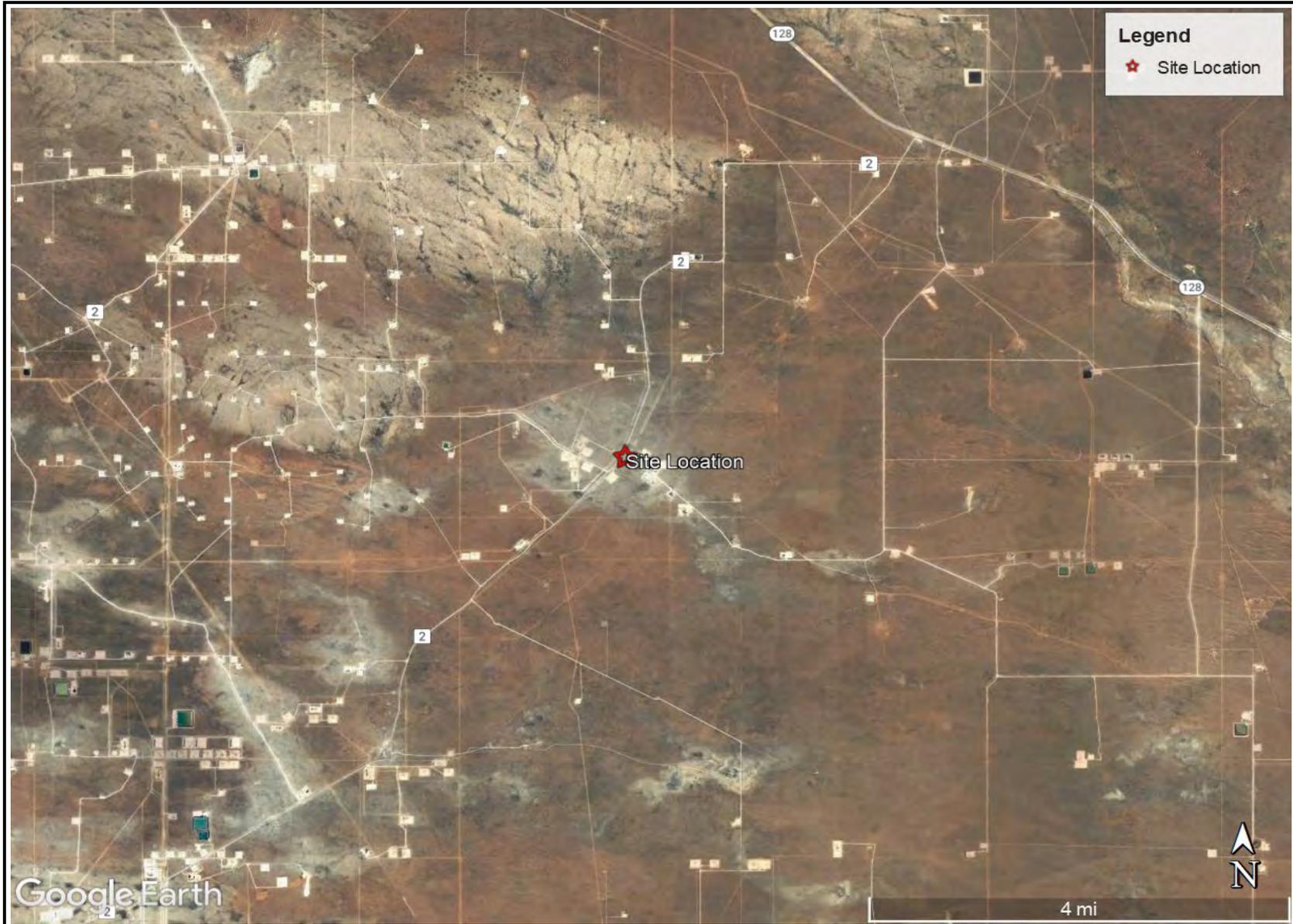
Mike Carmona  
Environmental Manager

Devin Dominguez  
Sr. Project Manager

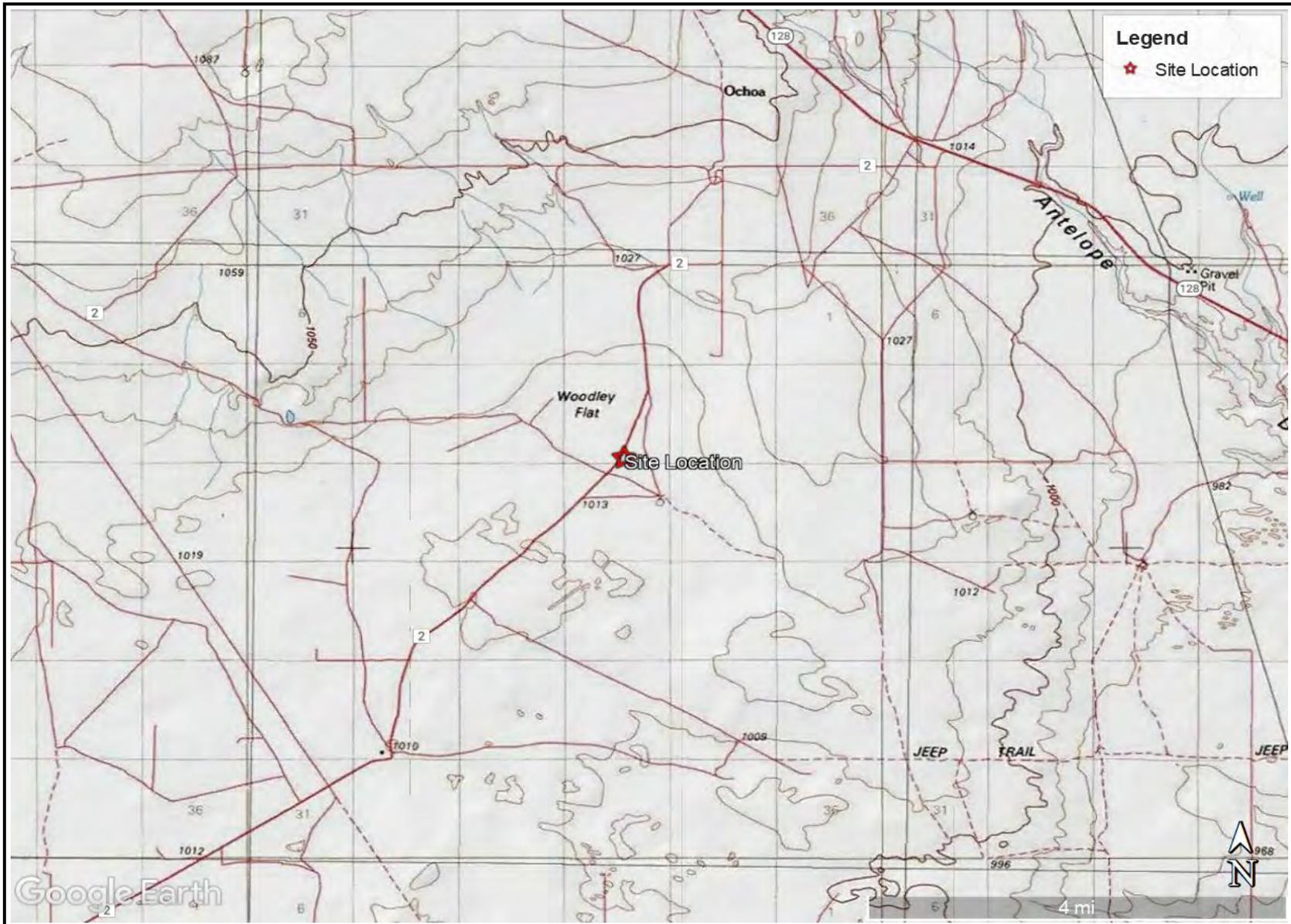
# FIGURES

CARMONA RESOURCES





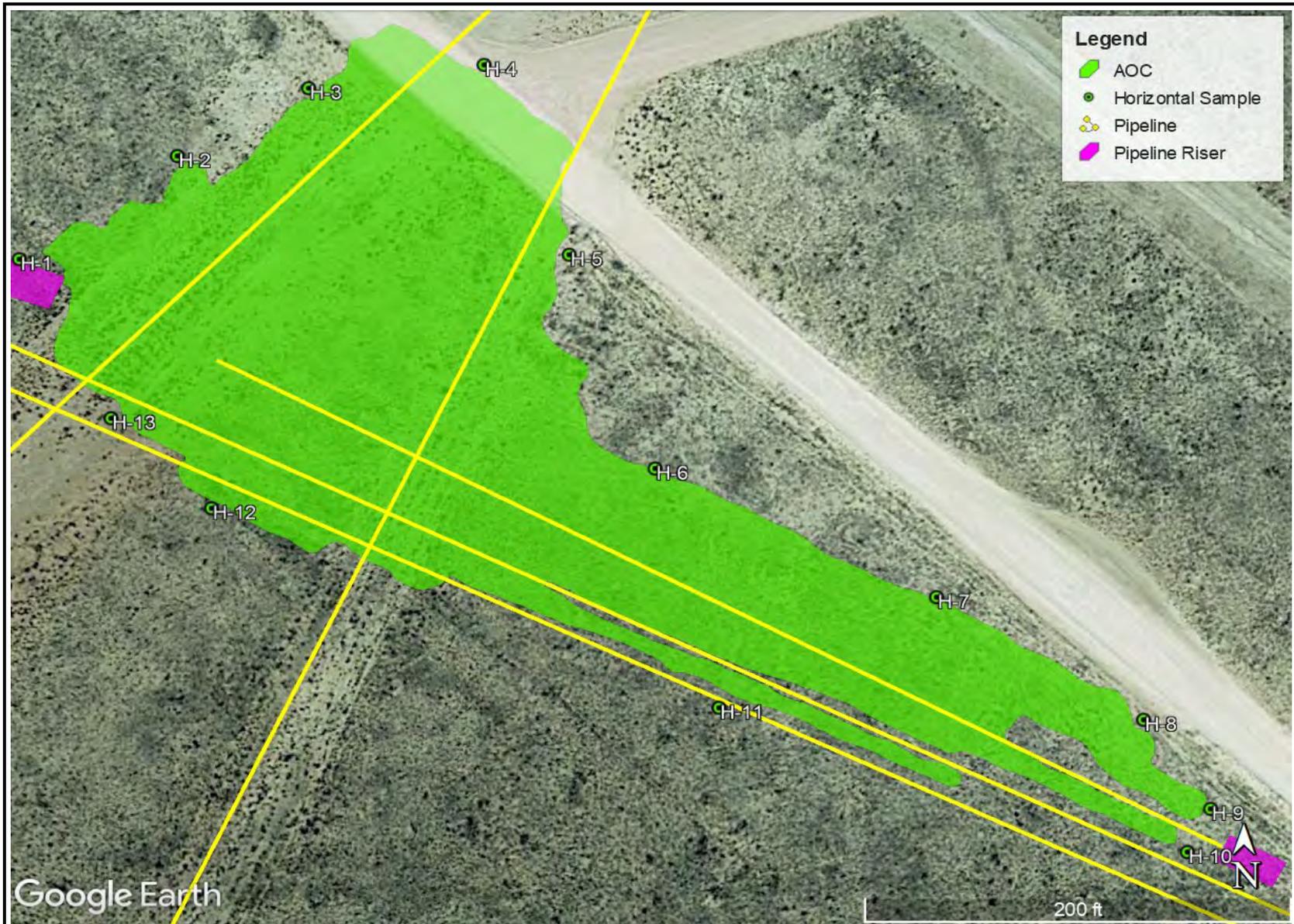
<p>OVERVIEW MAP EOG RESOURCES SIDEWINDER RISER RELEASE LEA COUNTY, NEW MEXICO 32.138407°, -103.456341°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 1</p>
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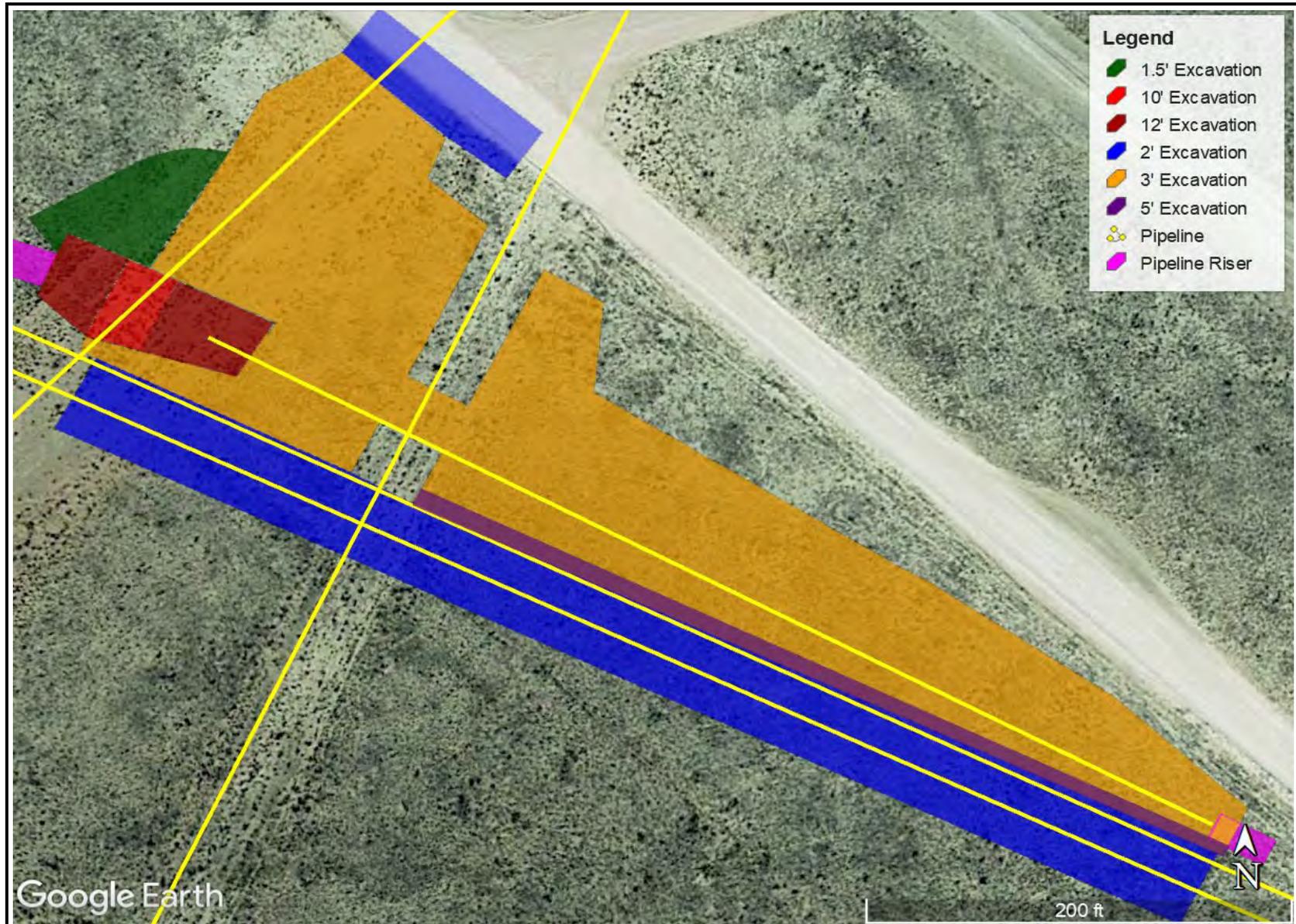
TOPOGRAPHIC MAP  
EOG RESOURCES  
SIDEWINDER RISER RELEASE  
LEA COUNTY, NEW MEXICO  
32.138407°, -103.456341°



FIGURE 2



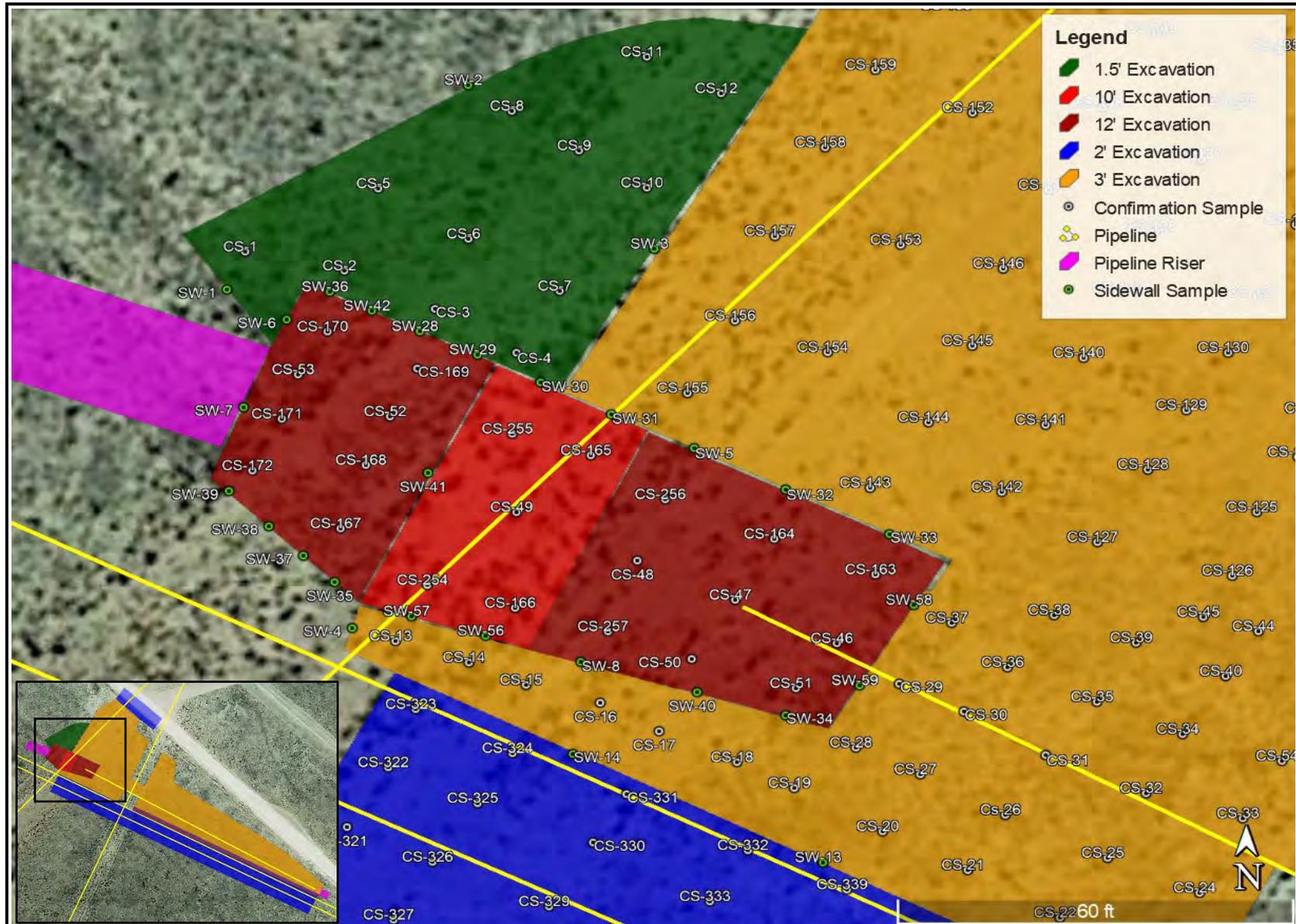
<p>SAMPLE LOCATION MAP EOG RESOURCES SIDEWINDER RISER RELEASE LEA COUNTY, NEW MEXICO 32.138407°, -103.456341°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 3</p>
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EXCAVATION DEPTH OVERVIEW MAP  
EOG RESOURCES  
SIDEWINDER RISER RELEASE  
LEA COUNTY, NEW MEXICO  
32.138407°, -103.456341°



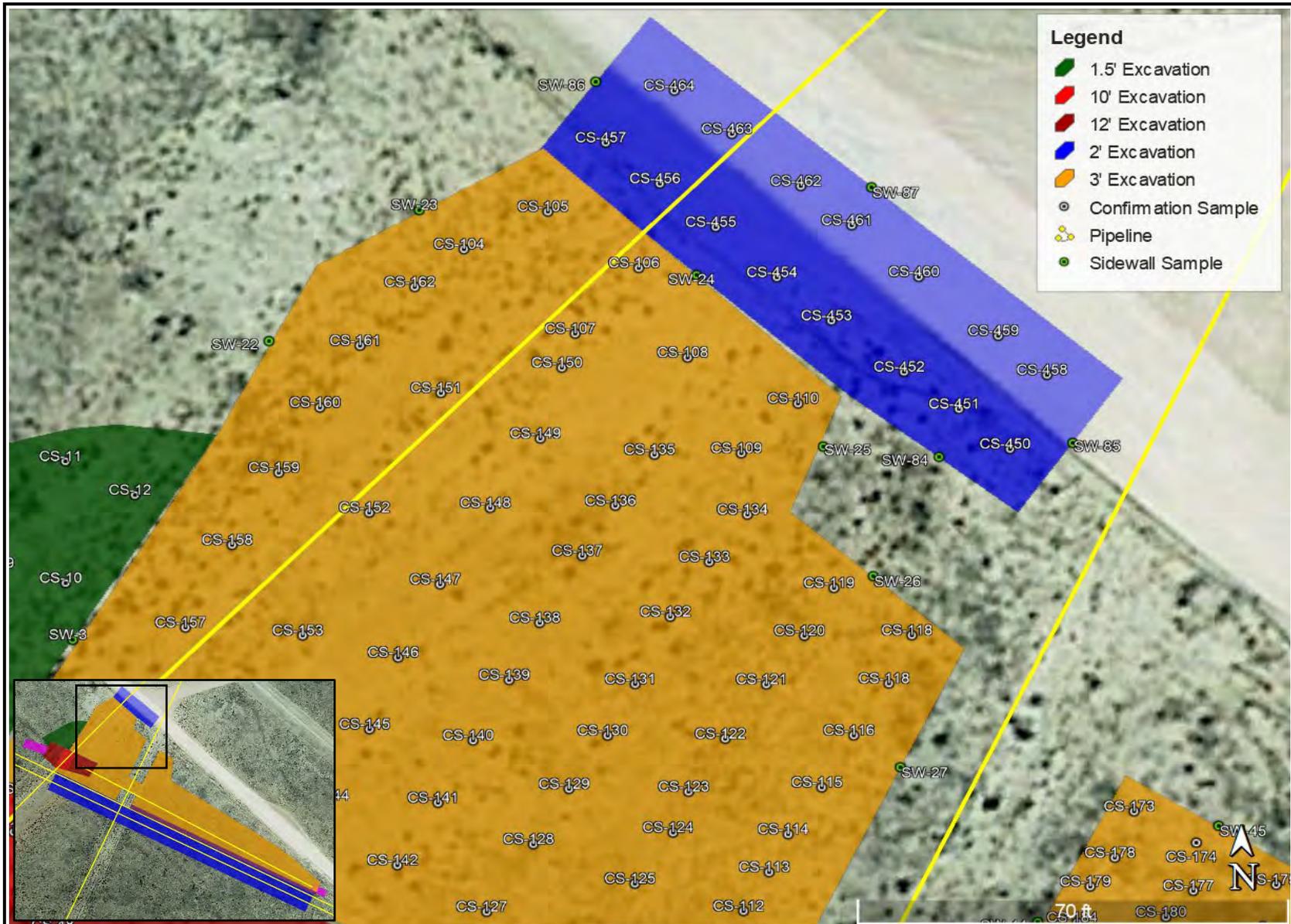
FIGURE 4



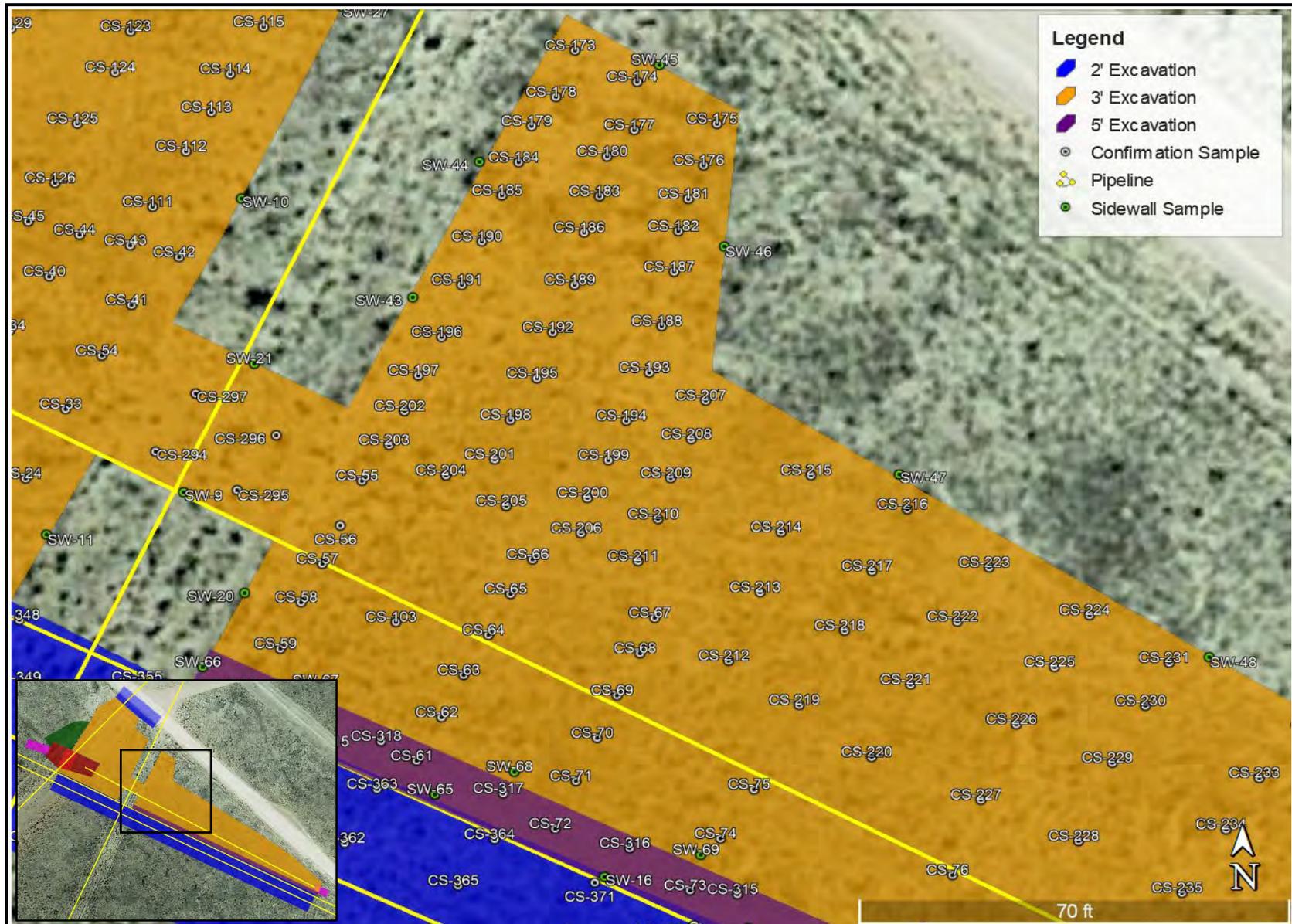
EXCAVATION DEPTH MAP  
EOG RESOURCES  
SIDEWINDER RISER RELEASE  
LEA COUNTY, NEW MEXICO  
32.138407°, -103.456341°

CARMONA RESOURCES

FIGURE 4a



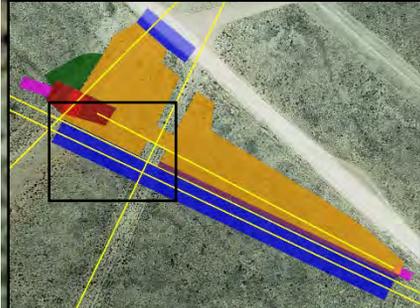
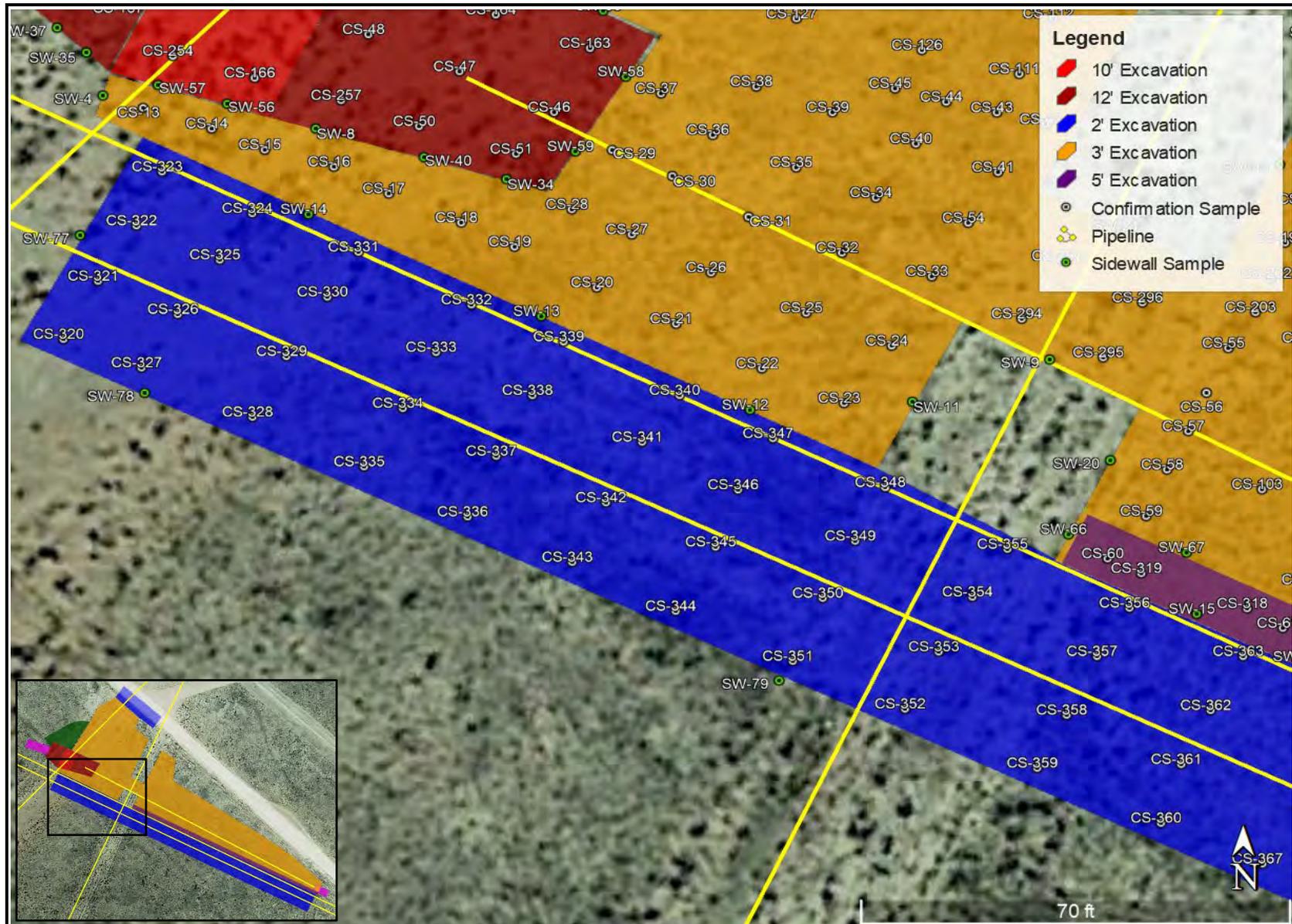
<p>EXCAVATION DEPTH MAP EOG RESOURCES SIDEWINDER RISER RELEASE LEA COUNTY, NEW MEXICO 32.138407°, -103.456341°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 4b</p>
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EXCAVATION DEPTH MAP  
EOG RESOURCES  
SIDEWINDER RISER RELEASE  
LEA COUNTY, NEW MEXICO  
32.138407°, -103.456341°

CARMONA RESOURCES 

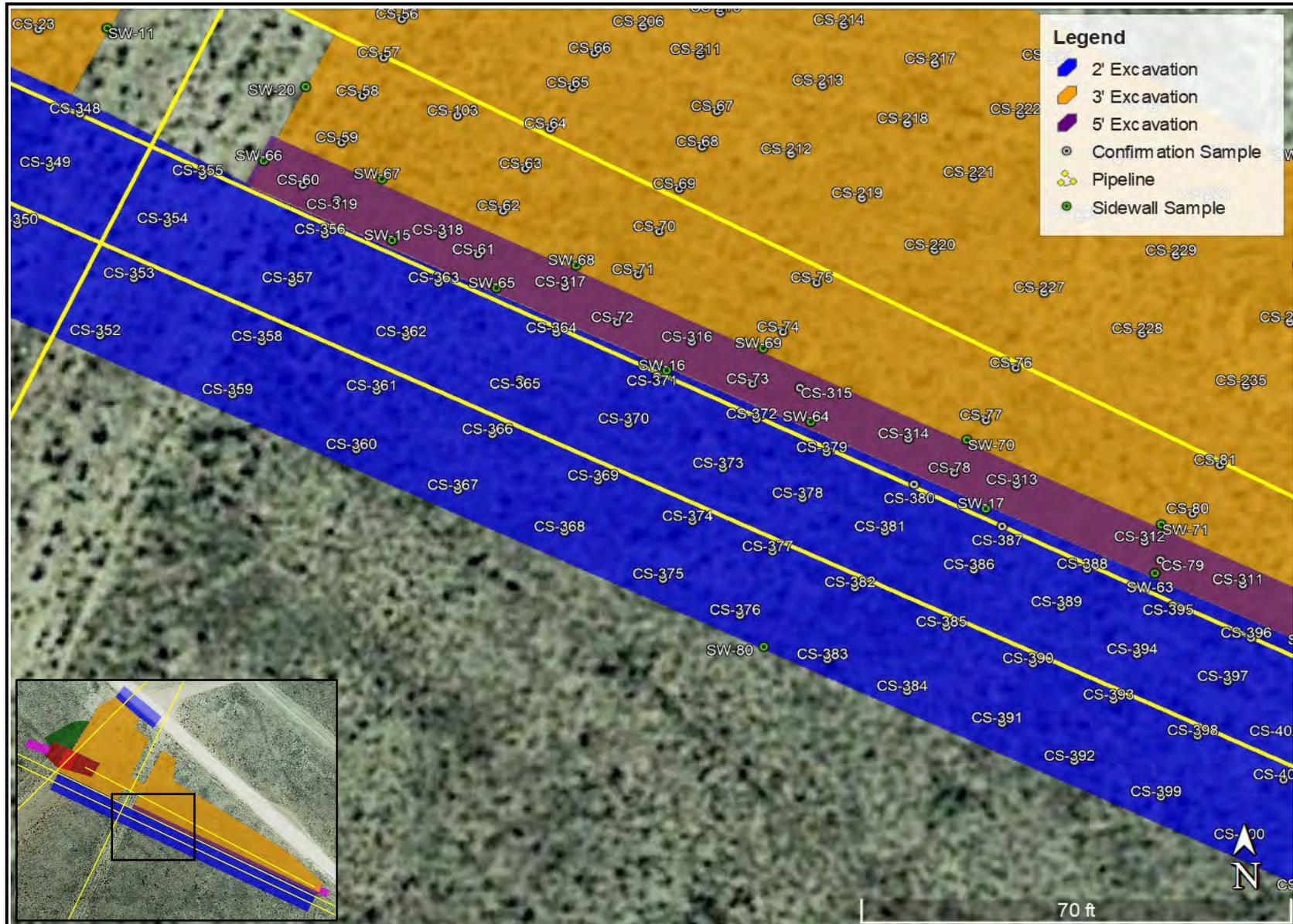
FIGURE 4c



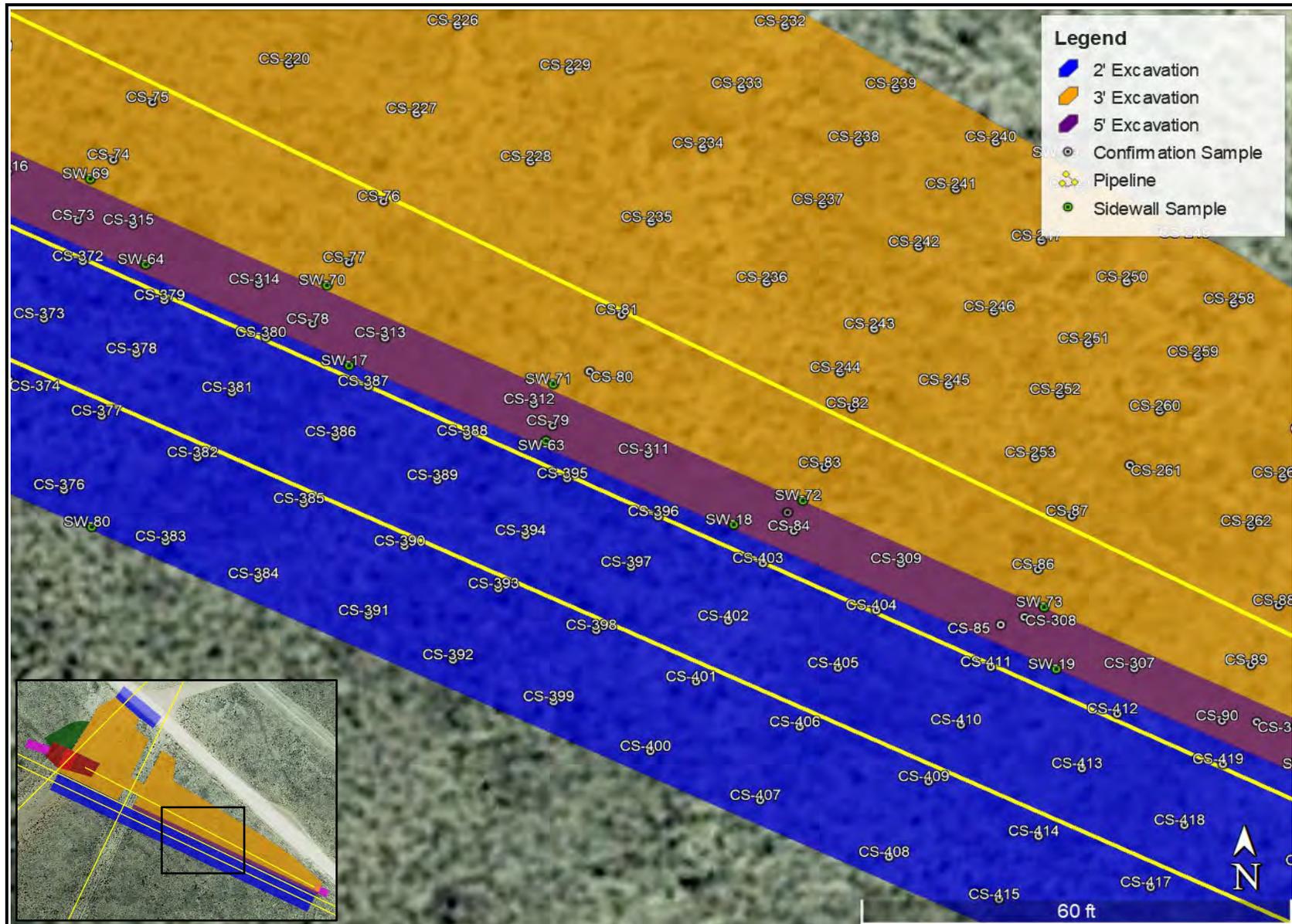
EXCAVATION DEPTH MAP  
EOG RESOURCES  
SIDEWINDER RISER RELEASE  
LEA COUNTY, NEW MEXICO  
32.138407°, -103.456341°

CARMONA RESOURCES

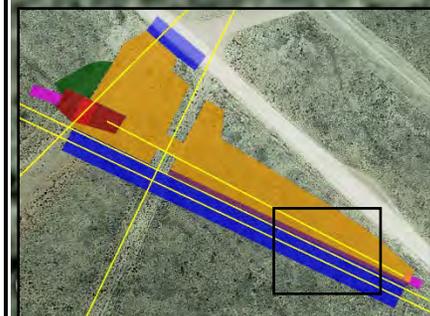
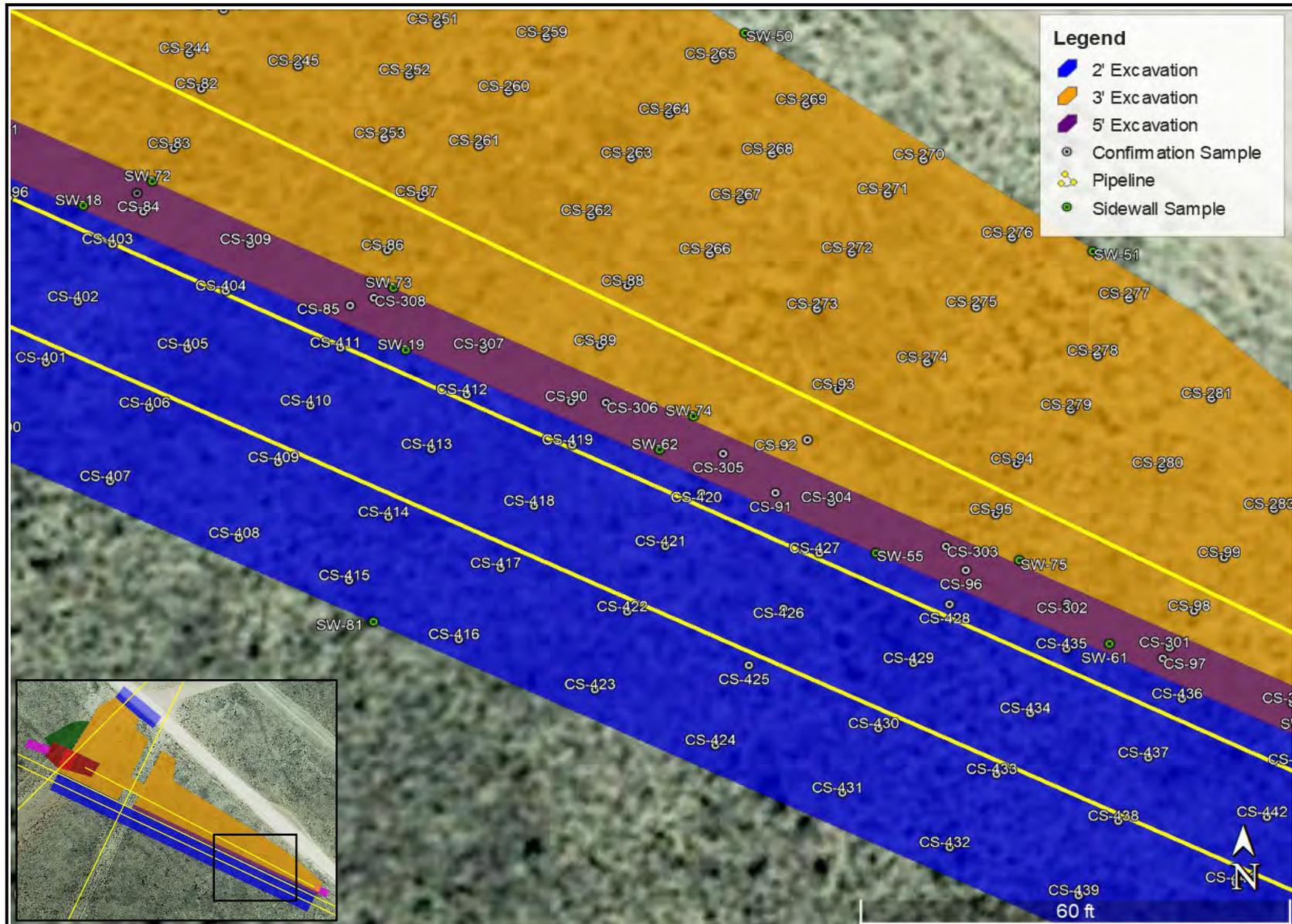
FIGURE 4d



<p>EXCAVATION DEPTH MAP EOG RESOURCES SIDEWINDER RISER RELEASE LEA COUNTY, NEW MEXICO 32.138407°, -103.456341°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 4e</p>
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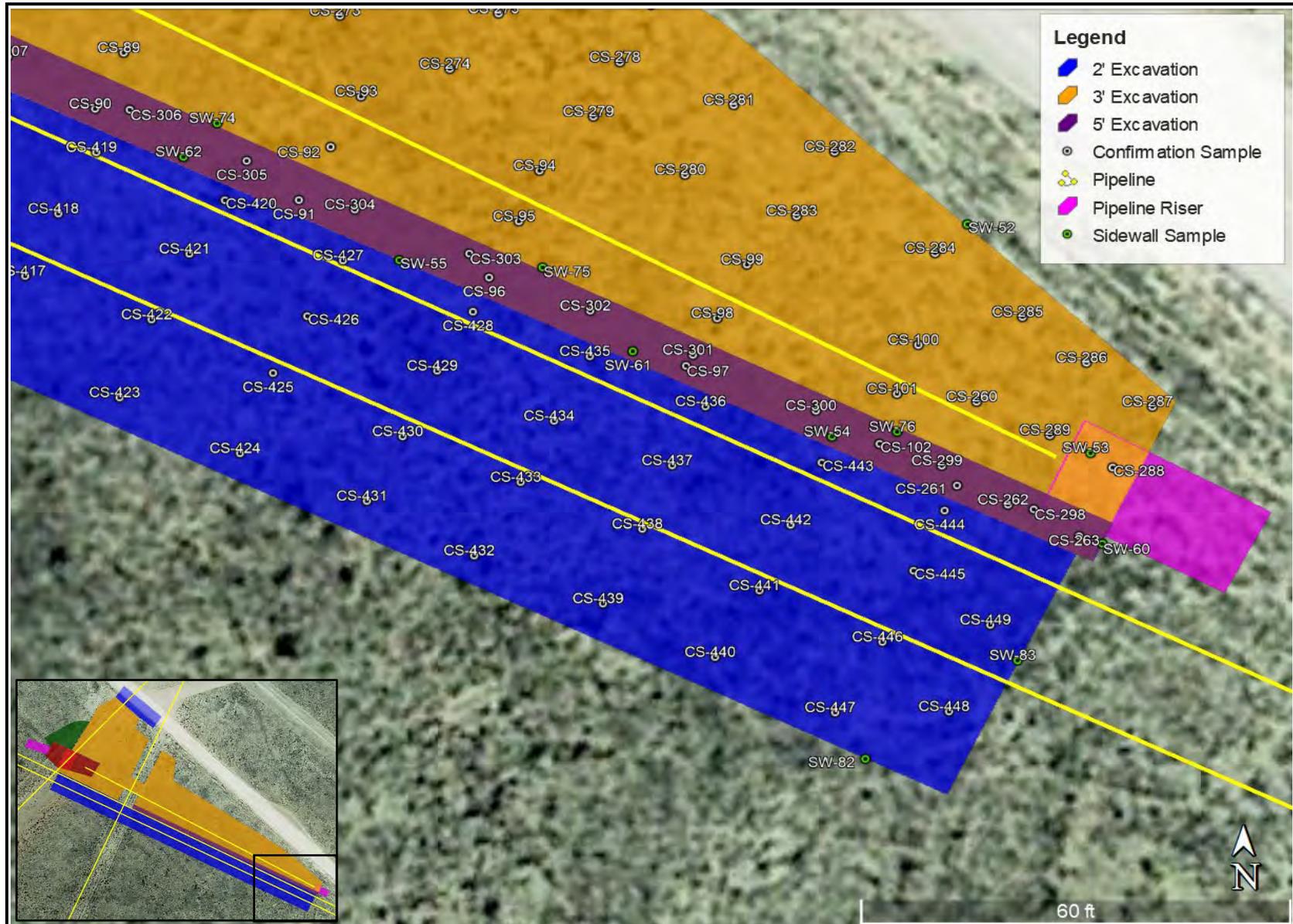
<p>EXCAVATION DEPTH MAP EOG RESOURCES SIDEWINDER RISER RELEASE LEA COUNTY, NEW MEXICO 32.138407°, -103.456341°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 4f</p>
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EXCAVATION DEPTH MAP  
EOG RESOURCES  
SIDEWINDER RISER RELEASE  
LEA COUNTY, NEW MEXICO  
32.138407°, -103.456341°

CARMONA RESOURCES

FIGURE 4g



<p>EXCAVATION DEPTH MAP EOG RESOURCES SIDEWINDER RISER RELEASE LEA COUNTY, NEW MEXICO 32.138407°, -103.456341°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 4h</p>
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# APPENDIX A

CARMONA RESOURCES



**Table 1**  
**EOG**  
**Sidewinder Riser Release**  
**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						
H-1	6/13/2023	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	448.0
H-2	6/13/2023	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-3	6/13/2023	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-4	6/13/2023	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
H-5	6/13/2023	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-6	6/13/2023	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	6/13/2023	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	6/13/2023	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-9	6/13/2023	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-10	6/13/2023	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	6/13/2023	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	6/13/2023	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	6/13/2023	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
<i>Regulatory Criteria<sup>A</sup></i>			1,000 mg/kg			2,500 mg/kg	10 mg/kg	-	-	-	50 mg/kg	20,000 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 Resoures**  
**Sidewinder Riser Release**  
**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	6/19/2023	1.5	<10.0	12.2	<10.0	12.2	<0.050	<0.050	<0.050	<0.150	<0.300	544
CS-2	6/19/2023	1.5	<10.0	11.3	<10.0	11.3	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-3	6/19/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-4	6/19/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-5	6/19/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-6	6/19/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-7	6/19/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-8	6/19/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-9	6/19/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-10	6/19/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	67.2
CS-11	6/19/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-12	6/19/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-13	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-14	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	288
CS-15	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-16	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-17	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-18	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-19	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-20	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-21	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-22	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-23	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-24	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	384
CS-25	6/19/2023	3.0	<10.0	<10.0	<49.9	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-26	6/19/2023	3.0	<10.0	<10.0	<49.9	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-27	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-28	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-29	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-30	6/19/2023	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</i> <sup>^</sup>			1,000 mg/kg		2,500 mg/kg		10 mg/kg				50 mg/kg	20,000 mg/kg

(-) Not Analyzed  
<sup>^</sup> - Table 1 - 19.15.29 NMAC  
 mg/kg - milligram per kilogram  
 TPH- Total Petroleum Hydrocarbons  
 ft-feet  
 (CS) Confirmation Sample

**Table 2**  
**EOG Resoures**  
**Sidewinder Riser Release**  
**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-31	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-32	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-33	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-34	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-35	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-36	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-37	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-38	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-39	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-40	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	67.2
CS-41	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-42	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	576
CS-43	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-44	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-45	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-46	6/19/2023	12.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,640
CS-47	6/19/2023	12.0	<10.0	115	33.9	148.9	<0.050	<0.050	<0.050	<0.150	<0.300	3,200
CS-48	6/19/2023	12.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	7,600
CS-49	6/19/2023	12.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	10,700
CS-50	6/19/2023	12.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	5,600
CS-51	6/19/2023	12.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	400
CS-52	6/19/2023	12.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,090
CS-53	6/19/2023	12.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	288
CS-54	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
CS-55	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-56	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-57	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-58	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-59	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-60	6/19/2023	3.0	<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	20,000 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

**Table 2**  
**EOG Resoures**  
**Sidewinder Riser Release**  
**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-61	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-62	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-63	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-64	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-65	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-66	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-67	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-68	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-69	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-70	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	67.2
CS-71	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-72	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-73	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-74	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-75	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-76	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-77	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-78	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-79	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-80	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-81	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-82	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	432
CS-83	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-84	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-85	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-86	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-87	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-88	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-89	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-90	6/19/2023	3.0	<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	20,000 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 Resoures**  
**Sidewinder Riser Release**  
**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-91	6/20/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-92	6/20/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-93	6/20/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-94	6/20/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	544
CS-95	6/20/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-96	6/20/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-97	6/20/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-98	6/20/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-99	6/20/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-100	6/20/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	67.2
CS-101	6/20/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-102	6/20/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-103	6/20/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-104	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-105	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-106	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-107	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-108	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-109	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-110	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-111	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-112	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-113	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<b>816</b>
	7/10/2023	3.25	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-114	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-115	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-116	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-117	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-118	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-119	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-120	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
Regulatory Criteria <sup>A</sup>			1,000 mg/kg		2,500 mg/kg		10 mg/kg				50 mg/kg 20,000 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 Resoures**  
**Sidewinder Riser Release**  
**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-121	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
CS-122	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0	
CS-123	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0	
CS-124	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
CS-125	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
CS-126	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
CS-127	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0	
CS-128	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
CS-129	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
CS-130	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	67.2	
CS-131	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0	
CS-132	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
CS-133	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
CS-134	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	400	
CS-135	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
CS-136	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
CS-137	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
CS-138	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224	
CS-139	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
CS-140	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
CS-141	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0	
CS-142	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
CS-143	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
CS-144	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
CS-145	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0	
CS-146	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
CS-147	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
CS-148	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
CS-149	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
CS-150	6/28/2023	3.0	<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	20,000 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

**Table 2**  
**EOG Resoures**  
**Sidewinder Riser Release**  
**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-151	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-152	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	400
CS-153	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-154	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-155	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,020
	7/10/2023	3.25	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-156	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-157	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-158	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-159	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-160	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,920
	7/10/2023	3.25	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-161	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-162	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-163	6/28/2023	12.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-164	6/28/2023	12.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,870
CS-165	6/28/2023	10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	5,520
CS-166	6/28/2023	10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,740
CS-167	6/28/2023	12.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	6,080
CS-168	6/28/2023	12.0	<10.0	14.2	<10.0	14.2	<0.050	<0.050	<0.050	<0.150	<0.300	5,600
CS-169	6/28/2023	12.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,240
CS-170	6/28/2023	12.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-171	6/28/2023	12.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-172	6/28/2023	12.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-173	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-174	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-175	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-176	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-177	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-178	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-179	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-180	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
Regulatory CriteriaA			1,000 mg/kg				2,500 mg/kg	10 mg/kg			50 mg/kg	20,000 mg/kg

(-) Not Analyzed  
 ^ - Table 1 - 19.15.29 NMAC  
 mg/kg - milligram per kilogram  
 TPH- Total Petroleum Hydrocarbons  
 ft-feet  
 (CS) Confirmation Sample  
 Removed

**Table 2**  
**EOG Resoures**  
**Sidewinder Riser Release**  
**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-181	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-182	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-183	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-184	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-185	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-186	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-187	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-188	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-189	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-190	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	67.2
CS-191	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-192	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-193	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-194	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-195	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	416
CS-196	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-197	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-198	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-199	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-200	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-201	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-202	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-203	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-204	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-205	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-206	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-207	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-208	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-209	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-210	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
Regulatory Criteria <sup>A</sup>			1,000 mg/kg				2,500 mg/kg	10 mg/kg			50 mg/kg	20,000 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

**Table 2**  
**EOG Resoures**  
**Sidewinder Riser Release**  
**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-211	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0	
CS-212	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144	
CS-213	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
CS-214	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160	
CS-215	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
CS-216	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
CS-217	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0	
CS-218	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
CS-219	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0	
CS-220	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	67.2	
CS-221	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144	
CS-222	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
CS-223	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0	
CS-224	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0	
CS-225	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0	
CS-226	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0	
CS-227	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144	
CS-228	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0	
CS-229	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
CS-230	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0	
CS-231	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336	
CS-232	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,480	
	7/10/2023	3.25	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0	
CS-233	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
CS-234	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0	
CS-235	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
CS-236	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224	
CS-237	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	576	
CS-238	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,520	
	7/17/2023	3.25	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0	
CS-239	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
CS-240	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
Regulatory Criteria <sup>A</sup>			1,000 mg/kg				2,500 mg/kg		10 mg/kg		50 mg/kg		20,000 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**  
**Sidewinder Riser Release**  
**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-241	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-242	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-243	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-244	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,170
	7/10/2023	3.25	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-245	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,040
	7/10/2023	3.25	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	704
	7/17/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-246	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	416
CS-247	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	832
	7/10/2023	3.25	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-248	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	67.2
CS-249	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-250	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-251	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,220
	7/10/2023	3.25	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-252	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,600
	7/10/2023	3.25	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-253	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-254	7/10/2023	10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-255	7/10/2023	10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-256	7/10/2023	12.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,490
CS-257	7/10/2023	12.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	8,530
CS-258	7/10/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-259	7/10/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-260	7/10/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-261	7/10/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
CS-262	7/10/2023	3.0	<10.0	11.3	<10.0	11.3	<0.050	<0.050	<0.050	<0.150	<0.300	256
CS-263	7/10/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-264	7/10/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-265	7/10/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	384
CS-266	7/10/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-267	7/10/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-268	7/10/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-269	7/10/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-270	7/10/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
Regulatory Criteria <sup>A</sup>			1,000 mg/kg		2,500 mg/kg		10 mg/kg				50 mg/kg	20,000 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 Resoures**  
**Sidewinder Riser Release**  
**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-271	7/10/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-272	7/10/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-273	7/10/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-274	7/10/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-275	7/10/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-276	7/10/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-277	7/10/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-278	7/10/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-279	7/10/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-280	7/10/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	67.2
CS-281	7/10/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-282	7/10/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-283	7/10/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-284	7/10/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-285	7/10/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-286	7/10/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-287	7/10/2023	3.0	<10.0	133	32.0	165	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
	7/17/2023	3.25	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-288	7/10/2023	3.0	<10.0	<10.0	17.4	17.4	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-289	7/10/2023	3.0	<10.0	<10.0	10.7	10.7	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-290	7/10/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-291	7/10/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-292	7/10/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-293	7/10/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-294	7/21/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-295	7/21/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-296	7/21/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-297	7/21/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-298	7/21/2023	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-299	7/21/2023	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-300	7/21/2023	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
Regulatory Criteria <sup>^</sup>			1,000 mg/kg		2,500 mg/kg		10 mg/kg				50 mg/kg 20,000 mg/kg	

(-) Not Analyzed  
<sup>^</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 Resoures**  
**Sidewinder Riser Release**  
**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-301	7/21/2023	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-302	7/21/2023	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-303	7/21/2023	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-304	7/21/2023	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-305	7/21/2023	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-306	7/21/2023	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-307	7/21/2023	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-308	7/21/2023	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-309	7/21/2023	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-310	7/21/2023	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	67.2
CS-311	7/21/2023	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-312	7/21/2023	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-313	7/21/2023	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-314	7/21/2023	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-315	7/21/2023	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-316	7/21/2023	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-317	7/21/2023	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-318	7/21/2023	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-319	7/21/2023	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-320	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-321	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-322	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-323	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-324	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	288
CS-325	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-326	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-327	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
CS-328	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-329	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-330	8/17/2023	2.0	<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>20,000 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

**Table 2**  
**EOG Resoures**  
**Sidewinder Riser Release**  
**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-331	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	432
CS-332	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-333	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-334	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-335	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-336	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-337	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-338	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-339	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-340	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	67.2
CS-341	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	384
CS-342	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-343	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-344	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-345	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-346	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-347	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-348	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-349	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-350	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-351	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-352	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-353	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-354	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-355	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-356	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-357	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	448
CS-358	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	464
CS-359	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-360	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
Regulatory Criteria <sup>A</sup>			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 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

**Table 2**  
**EOG Resoures**  
**Sidewinder Riser Release**  
**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-361	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-362	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-363	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-364	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-365	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-366	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-367	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-368	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-369	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	400
CS-370	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	67.2
CS-371	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-372	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-373	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304
CS-374	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-375	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-376	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-377	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-378	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-379	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-380	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-381	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-382	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-383	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-384	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-385	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-386	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-387	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-388	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-389	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-390	8/17/2023	2.0	<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	20,000 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

**Table 2**  
**EOG Resoures**  
**Sidewinder Riser Release**  
**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-391	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
CS-392	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
CS-393	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
CS-394	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
CS-395	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
CS-396	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
CS-397	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
CS-398	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
CS-399	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
CS-400	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	67.2	
CS-401	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
CS-402	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
CS-403	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
CS-404	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
CS-405	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
CS-406	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
CS-407	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
CS-408	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
CS-409	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
CS-410	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
CS-411	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
CS-412	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
CS-413	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
CS-414	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
CS-415	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
CS-416	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
CS-417	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
CS-418	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
CS-419	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
CS-420	8/17/2023	2.0	<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>20,000 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

**Table 2**  
**EOG Resoures**  
**Sidewinder Riser Release**  
**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-421	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
CS-422	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0	
CS-423	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
CS-424	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
CS-425	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
CS-426	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
CS-427	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
CS-428	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0	
CS-429	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
CS-430	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	67.2	
CS-431	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
CS-432	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
CS-433	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
CS-434	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
CS-435	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
CS-436	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0	
CS-437	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0	
CS-438	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
CS-439	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
CS-440	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
CS-441	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
CS-442	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
CS-443	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
CS-444	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
CS-445	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0	
CS-446	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
CS-447	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0	
CS-448	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0	
CS-449	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0	
CS-450	9/1/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112	
<i>Regulatory Criteria<sup>A</sup></i>			1,000 mg/kg				2,500 mg/kg		10 mg/kg		50 mg/kg		20,000 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

**Table 2  
EOG Resoures  
Sidewinder Riser Release  
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-451	9/1/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-452	9/1/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-453	9/1/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-454	9/1/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-455	9/1/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-456	9/1/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-457	9/1/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-458	9/1/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-459	9/1/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-460	9/1/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	67.2
CS-461	9/1/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-462	9/1/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-463	9/1/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-464	9/1/2023	2.0	<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>			<b>1,000 mg/kg</b>		<b>2,500 mg/kg</b>		<b>10 mg/kg</b>				<b>50 mg/kg</b>	<b>20,000 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

**Table 2**  
**EOG Resoures**  
**Sidewinder Riser Release**  
**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	6/19/2023	1.5	<10.0	12.2	<10.0	12.2	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-2	6/19/2023	1.5	<10.0	11.3	<10.0	11.3	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-3	6/19/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-4	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-5	6/19/2023	9.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
SW-6	6/19/2023	12.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
SW-7	6/19/2023	12.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-8	6/19/2023	9.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
SW-9	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-10	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	67.2
SW-11	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
SW-12	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-13	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-14	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-15	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
SW-16	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-17	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-18	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
SW-19	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-20	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-21	6/19/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
SW-22	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-23	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
SW-24	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-25	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-26	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-27	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-28	6/28/2023	10.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-29	6/28/2023	10.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-30	6/28/2023	7.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
<b>Regulatory Criteria <sup>A</sup></b>			1,000 mg/kg				2,500 mg/kg	10 mg/kg			50 mg/kg	20,000 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 Resoures**  
**Sidewinder Riser Release**  
**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						
SW-31	6/28/2023	7.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	480
SW-32	6/28/2023	9.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
SW-33	6/28/2023	9.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
SW-34	6/28/2023	9.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-35	6/28/2023	12.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
SW-36	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	656
	7/10/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-37	6/28/2023	12.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
SW-38	6/28/2023	12.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-39	6/28/2023	12.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-40	6/28/2023	9.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-41	6/28/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-42	6/28/2023	12.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-43	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-44	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-45	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-46	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-47	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-48	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-49	6/28/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
SW-50	7/10/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
SW-51	7/10/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-52	7/10/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-53	7/10/2023	3.0	<10.0	16.6	<10.0	16.6	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-54	7/10/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-55	7/10/2023	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-56	7/10/2023	10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-57	7/10/2023	10.0	<10.0	13.5	<10.0	13.5	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-58	7/10/2023	12.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
SW-59	7/10/2023	12.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-60	7/21/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
<i>Regulatory Criteria<sup>A</sup></i>			1,000 mg/kg		2,500 mg/kg		10 mg/kg				50 mg/kg	20,000 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  
 Removed

**Table 2**  
**EOG Resoures**  
**Sidewinder Riser Release**  
**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						
SW-61	7/21/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-62	7/21/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-63	7/21/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-64	7/21/2023	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-65	7/21/2023	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-66	7/21/2023	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
SW-67	7/21/2023	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-68	7/21/2023	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-69	7/21/2023	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-70	7/21/2023	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	67.2
SW-71	7/21/2023	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-72	7/21/2023	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-73	7/21/2023	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-74	7/21/2023	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-75	7/21/2023	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-76	7/21/2023	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
SW-77	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-78	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-79	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-80	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-81	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-82	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-83	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-84	8/17/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-85	9/1/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-86	9/1/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-87	9/1/2023	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	20,000 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:** Sidewinder Riser Release

**County:** Lea County, New Mexico

**Description:**  
View Southwest, area of CS-1 through CS-12.

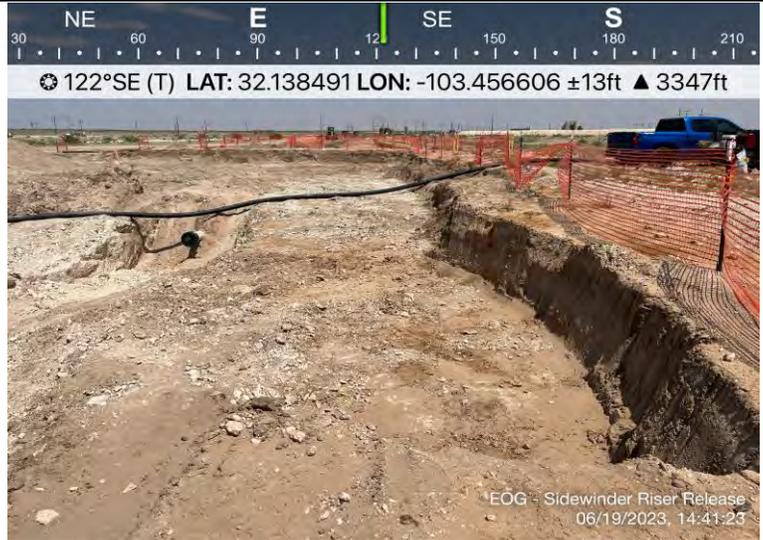


### Photograph No. 2

**Facility:** Sidewinder Riser Release

**County:** Lea County, New Mexico

**Description:**  
View Southeast, area of CS-13 through CS-28.



### Photograph No. 3

**Facility:** Sidewinder Riser Release

**County:** Lea County, New Mexico

**Description:**  
View Southwest, area of CS-29 through CS-45, and CS-54.



# PHOTOGRAPHIC LOG

## EOG Resources

### Photograph No. 4

**Facility:** Sidewinder Riser Release

**County:** Lea County, New Mexico

**Description:**  
View Southeast, area of CS-46 through CS-53.



### Photograph No. 5

**Facility:** Sidewinder Riser Release

**County:** Lea County, New Mexico

**Description:**  
View Southeast, area of CS-55 through CS-75, and CS-103.



### Photograph No. 6

**Facility:** Sidewinder Riser Release

**County:** Lea County, New Mexico

**Description:**  
View East, area of CS-76 through CS-102.



# PHOTOGRAPHIC LOG

## EOG Resources

### Photograph No. 7

**Facility:** Sidewinder Riser Release

**County:** Lea County, New Mexico

**Description:**  
View Southwest, area of CS-104 through CS-110.



### Photograph No. 8

**Facility:** Sidewinder Riser Release

**County:** Lea County, New Mexico

**Description:**  
View North, area of CS-111 through CS-149.



### Photograph No. 9

**Facility:** Sidewinder Riser Release

**County:** Lea County, New Mexico

**Description:**  
View East, area of CS-150 through CS-162.



# PHOTOGRAPHIC LOG

## EOG Resources

### Photograph No. 10

**Facility:** Sidewinder Riser Release

**County:** Lea County, New Mexico

**Description:**

View Southeast, area of CS-163 through CS-172, and CS-254 through CS-257.



EOG – Sidewinder Riser Release  
06/28/2023, 18:34:07

### Photograph No. 11

**Facility:** Sidewinder Riser Release

**County:** Lea County, New Mexico

**Description:**

View South, area of CS-173 through CS-211.



EOG – Sidewinder Riser Release  
06/28/2023, 18:28:28

### Photograph No. 12

**Facility:** Sidewinder Riser Release

**County:** Lea County, New Mexico

**Description:**

View West, area of CS-212 through CS-239.



EOG – Sidewinder Riser Release  
06/28/2023, 18:32:28

# PHOTOGRAPHIC LOG

## EOG Resources

### Photograph No. 13

**Facility:** Sidewinder Riser Release

**County:** Lea County, New Mexico

**Description:**  
View Southeast, area of CS-240 through CS-276.



### Photograph No. 14

**Facility:** Sidewinder Riser Release

**County:** Lea County, New Mexico

**Description:**  
View Northwest, area of CS-277 through CS-293.



### Photograph No. 15

**Facility:** Sidewinder Riser Release

**County:** Lea County, New Mexico

**Description:**  
View West, area of CS-294 through CS-297.



# PHOTOGRAPHIC LOG

## EOG Resources

### Photograph No. 16

**Facility:** Sidewinder Riser Release

**County:** Lea County, New Mexico

**Description:**  
View Northwest, area of CS-298 through CS-319.



### Photograph No. 17

**Facility:** Sidewinder Riser Release

**County:** Lea County, New Mexico

**Description:**  
View Northeast, area of CS-320 through CS-351.



### Photograph No. 18

**Facility:** Sidewinder Riser Release

**County:** Lea County, New Mexico

**Description:**  
View North, area of CS-352 through CS-395.



# PHOTOGRAPHIC LOG

## EOG Resources

### Photograph No. 19

**Facility:** Sidewinder Riser Release

**County:** Lea County, New Mexico

**Description:**  
View North, area of CS-396 through CS-449.



### Photograph No. 20

**Facility:** Sidewinder Riser Release

**County:** Lea County, New Mexico

**Description:**  
View Northwest, area of CS-450 through CS-464.



## 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	NAPP2315947275
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) nAPP2315947275
Contact mailing address 5509 Champions Drive Midland, TX 79706	

### Location of Release Source

Latitude 32.138407 Longitude -103.456341  
*(NAD 83 in decimal degrees to 5 decimal places)*

Site Name Sidewinder Riser Release	Site Type Transfer line
Date Release Discovered 06/05/2023	API# (if applicable)

Unit Letter	Section	Township	Range	County
O	10	25S	34E	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) 0	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 1,000	Volume Recovered (bbls) 150
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls) 0	Volume Recovered (bbls) 0
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

An underground transfer line ruptured, causing produced water to come to the surface.

State of New Mexico  
Oil Conservation Division

Incident ID	NAPP2315947275
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, James Kennedy, <a href="mailto:OCD.enviro@emnrd.nm.gov">OCD.enviro@emnrd.nm.gov</a> , 06/06/23, 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 <u>not</u> been undertaken, explain why:   
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.
Printed Name: <u>James F. Kennedy</u> Title: <u>Env Specialist</u> Signature: <u></u> Date: <u>06/08/2023</u> email: <u>james_kennedy@eogresouirces.com</u> Telephone: <u>432-258-4346</u>
<b><u>OCD Only</u></b> Received by: <u>Jocelyn Harimon</u> Date: <u>06/08/2023</u>

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.

<p><b>Characterization Report Checklist:</b> <i>Each of the following items must be included in the report.</i></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.</li> <li><input type="checkbox"/> Field data</li> <li><input type="checkbox"/> Data table of soil contaminant concentration data</li> <li><input type="checkbox"/> Depth to water determination</li> <li><input type="checkbox"/> Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release</li> <li><input type="checkbox"/> Boring or excavation logs</li> <li><input type="checkbox"/> Photographs including date and GIS information</li> <li><input type="checkbox"/> Topographic/Aerial maps</li> <li><input type="checkbox"/> Laboratory data including chain of custody</li> </ul>
--

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

State of New Mexico  
Oil Conservation Division

Page 4

Incident ID	
District RP	
Facility ID	
Application ID	

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

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

Signature: James Kennedy Date: \_\_\_\_\_

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

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

Incident ID	
District RP	
Facility ID	
Application ID	

## Closure

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

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

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

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

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_  
 Signature: James Kennedy Date: \_\_\_\_\_  
 email: \_\_\_\_\_ Telephone: \_\_\_\_\_

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

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

Closure Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

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

**District I**  
 1625 N. French Dr., Hobbs, NM 88240  
 Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
 811 S. First St., Artesia, NM 88210  
 Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
 1220 S. St Francis Dr., Santa Fe, NM 87505  
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS  
 Action 225564

**CONDITIONS**

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 225564
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
jharimon	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141	6/8/2023

---

**From:** Wells, Shelly, EMNRD  
**Sent:** Monday, August 14, 2023 10:58 AM  
**To:** Conner Moehring  
**Cc:** Bratcher, Michael, EMNRD; Velez, Nelson, EMNRD  
**Subject:** RE: [EXTERNAL] EOG - Sidewinder Riser Release - Sampling Notification - Incident No. nAPP2315947275

Good morning Connor,

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

Thank you,

Shelly

**Shelly Wells** \* Environmental Specialist-Advanced  
Environmental Bureau  
EMNRD-Oil Conservation Division  
1220 S. St. Francis Drive | Santa Fe, NM 87505  
(505)469-7520 | [Shelly.Wells@emnrd.nm.gov](mailto:Shelly.Wells@emnrd.nm.gov)  
<http://www.emnrd.state.nm.us/OCD/>

---

**From:** Conner Moehring <[Cmoehring@carmonaresources.com](mailto:Cmoehring@carmonaresources.com)>  
**Sent:** Monday, August 14, 2023 10:08 AM  
**To:** Enviro, OCD, EMNRD <[OCD.Enviro@emnrd.nm.gov](mailto:OCD.Enviro@emnrd.nm.gov)>  
**Cc:** James Kennedy <[James\\_Kennedy@eogresources.com](mailto:James_Kennedy@eogresources.com)>; Bill Smith <[Bill\\_Smith@eogresources.com](mailto:Bill_Smith@eogresources.com)>; Mike Carmona <[Mcarmona@carmonaresources.com](mailto:Mcarmona@carmonaresources.com)>; Devin Dominguez <[Ddominguez@carmonaresources.com](mailto:Ddominguez@carmonaresources.com)>  
**Subject:** [EXTERNAL] EOG - Sidewinder Riser Release - Sampling Notification - Incident No. nAPP2315947275

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 Sidewinder Riser Release. Sampling is scheduled to begin on Thursday, August 17<sup>th</sup> around 10:30 a.m. Mountain Time and continuing through the week. Carmona Resources personnel will be on-site to collect the confirmation samples.

Incident No. nAPP2315947275

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



## APPENDIX D

CARMONA RESOURCES

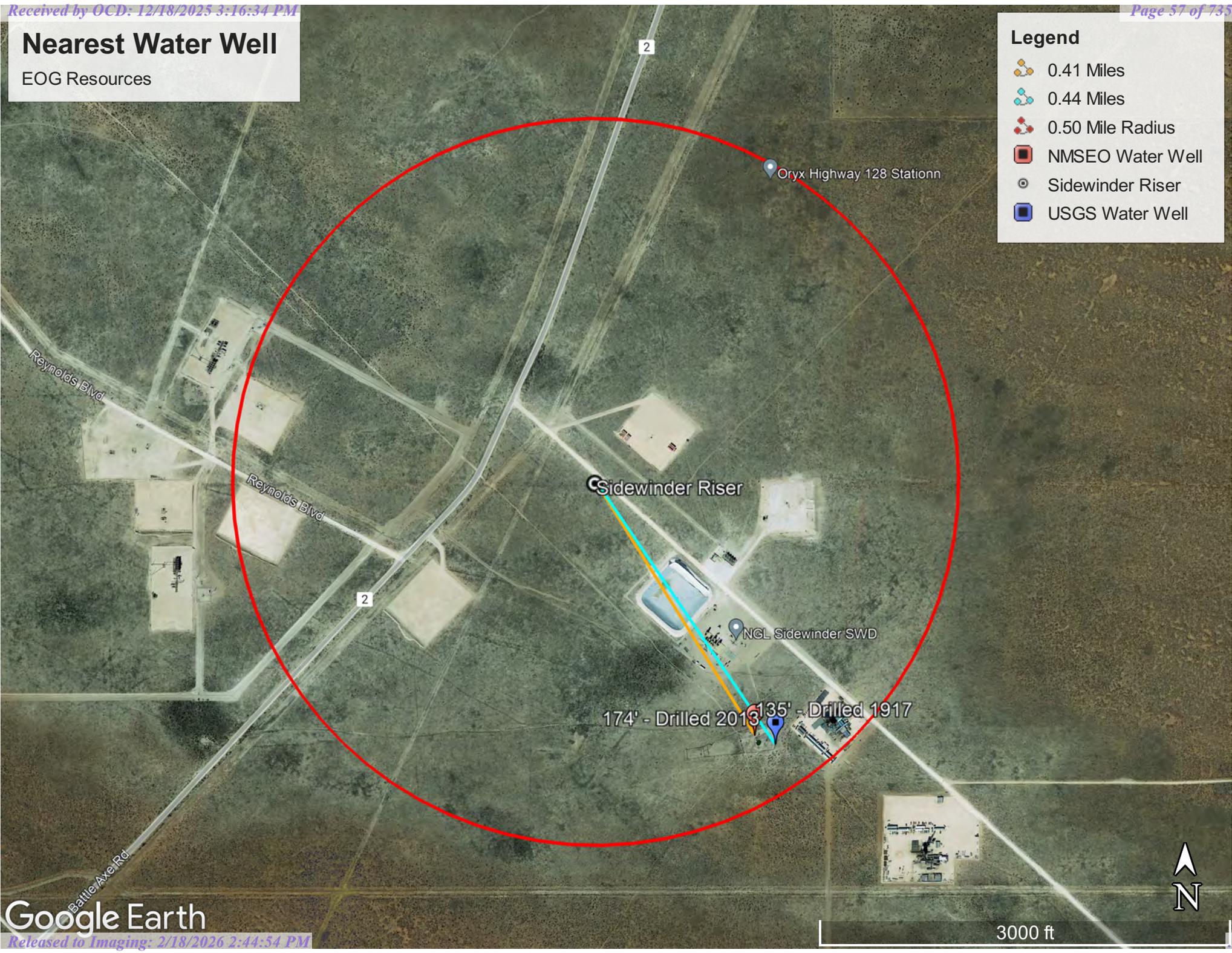


# Nearest Water Well

EOG Resources

**Legend**

-  0.41 Miles
-  0.44 Miles
-  0.50 Mile Radius
-  NMSEO Water Well
-  Sidewinder Riser
-  USGS Water Well



# Low Karst

EOG Resources

**Legend**

-  Low
-  Sidewinder Riser



Sidewinder Riser





# 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 02315</a>	CUB	LE	2	4	2	15	25S	34E	646095	3556194	664	175	135	40	
<a href="#">C 02314</a>	CUB	LE	2	4	2	15	25S	34E	646116	3556179	688	175	135	40	

Average Depth to Water: **135 feet**

Minimum Depth: **135 feet**

Maximum Depth: **135 feet**

**Record Count: 2**

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

**Easting (X):** 645734

**Northing (Y):** 3556752

**Radius:** 4000

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



# New Mexico Office of the State Engineer Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE)				(quarters are smallest to largest)		(NAD83 UTM in meters)	
		Q64	Q16	Q4	Sec	Tws	Rng	X	Y
C	02315	2	4	2	15	25S	34E	646095	3556194 

<b>Driller License:</b>		<b>Driller Company:</b>	
<b>Driller Name:</b>	UNKNOWN		
<b>Drill Start Date:</b>	01/01/1918	<b>Drill Finish Date:</b>	12/31/1917
<b>Log File Date:</b>		<b>PCW Rev Date:</b>	
<b>Pump Type:</b>		<b>Pipe Discharge Size:</b>	
<b>Casing Size:</b>	8.63	<b>Depth Well:</b>	175 feet
		<b>Plug Date:</b>	
		<b>Source:</b>	
		<b>Estimated Yield:</b>	40 GPM
		<b>Depth Water:</b>	135 feet

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

6/8/23 2:32 PM

POINT OF DIVERSION SUMMARY

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? S
				Groundwater	New Mexico	GO	

Click to hide News Bulletins

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

Groundwater levels for New Mexico

Click to hide state-specific text

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

### Search Results -- 1 sites found

Agency code = usgs  
 site\_no list = 

- 320738103270501

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

### USGS 320738103270501 25S.34E.15.24234

Lea County, New Mexico  
 Latitude 32°07'57.1", Longitude 103°27'02.4" NAD83  
 Land-surface elevation 3,345.00 feet above NGVD29  
 This well is completed in the Other aquifers (N9999OTHER) national aquifer.  
 This well is completed in the Ogallala Formation (121OGLL) 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
1954-07-23			D	62610	3180.06	NGVD29	P		Z	
1954-07-23			D	62611	3181.62	NAVD88	P		Z	
1954-07-23			D	72019	164.94		P		Z	
1970-12-08			D	62610	3181.78	NGVD29	P		Z	
1970-12-08			D	62611	3183.34	NAVD88	P		Z	
1970-12-08			D	72019	163.22		P		Z	
1976-01-15			D	62610	3179.20	NGVD29	1		Z	
1976-01-15			D	62611	3180.76	NAVD88	1		Z	
1976-01-15			D	72019	165.80		1		Z	
1981-03-25			D	62610	3182.20	NGVD29	1		Z	
1981-03-25			D	62611	3183.76	NAVD88	1		Z	
1981-03-25			D	72019	162.80		1		Z	
1986-03-12			D	62610	3184.76	NGVD29	1		Z	
1986-03-12			D	62611	3186.32	NAVD88	1		Z	
1986-03-12			D	72019	160.24		1		Z	

Date	Time	?	?	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	?
		Water-level date-time accuracy	Parameter code				S
1991-06-05		D	62610	3179.90	NGVD29	1	Z
1991-06-05		D	62611	3181.46	NAVD88	1	Z
1991-06-05		D	72019	165.10		1	Z
2013-01-16	21:30 UTC	m	62610	3170.94	NGVD29	P	S USGS
2013-01-16	21:30 UTC	m	62611	3172.50	NAVD88	P	S USGS
2013-01-16	21:30 UTC	m	72019	174.06		P	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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Accessibility FOIA Privacy Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey

Title: Groundwater for New Mexico: Water Levels

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

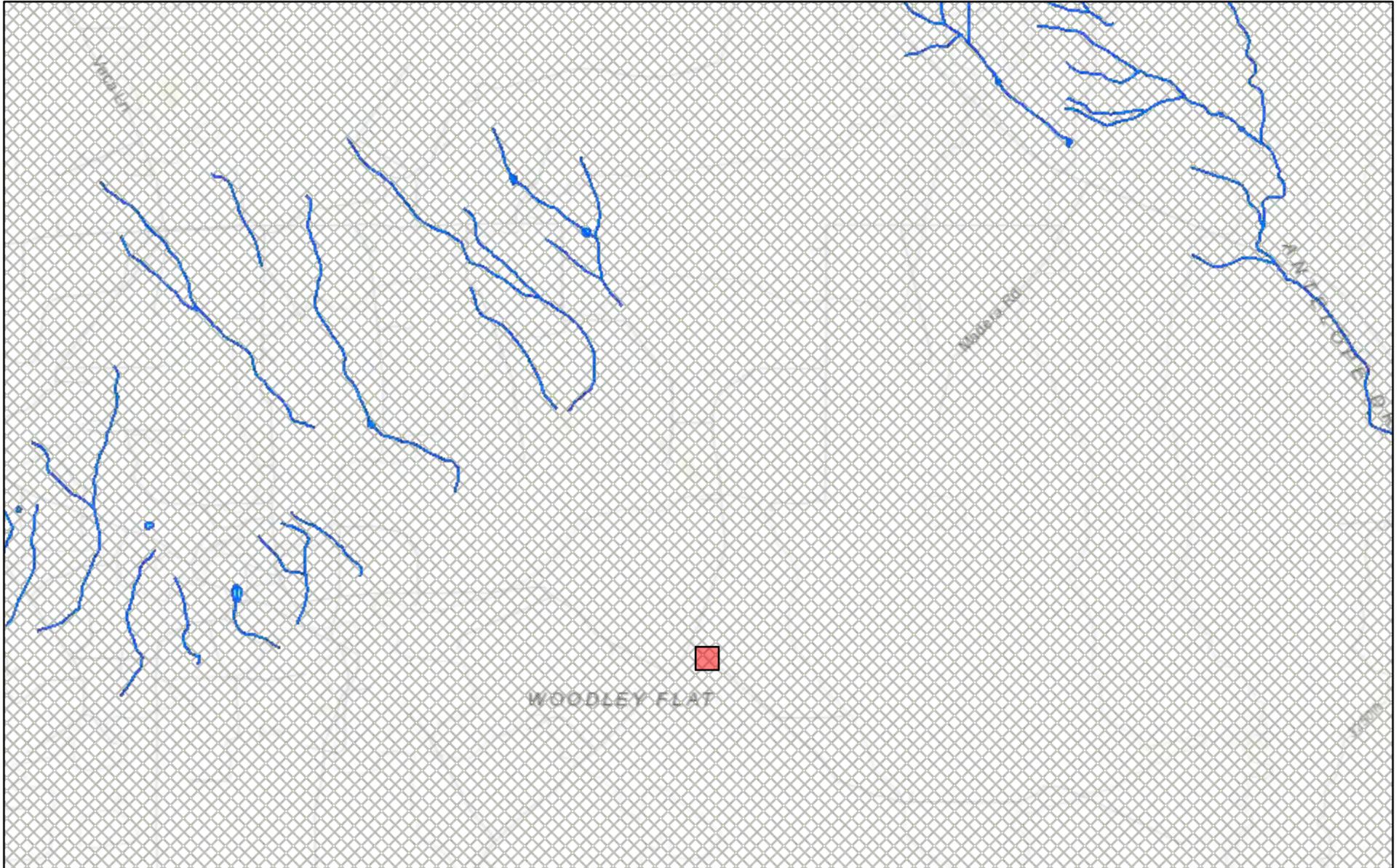


Page Contact Information: [New Mexico Water Data Maintainer](#)

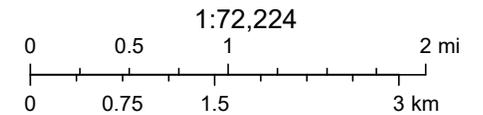
Page Last Modified: 2023-06-08 16:35:18 EDT

0.3 0.26 nadww01

# New Mexico NFHL Data



June 8, 2023



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

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

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

# APPENDIX E

CARMONA RESOURCES





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

---

June 14, 2023

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

RE: SIDEWINDER RISER RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 06/13/23 14:17.

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:	06/13/2023	Sampling Date:	06/13/2023
Reported:	06/14/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: H - 1 (0-0.5') (H233026-01)**

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	06/13/2023	ND	2.24	112	2.00	0.458	
Toluene*	<0.050	0.050	06/13/2023	ND	2.34	117	2.00	0.667	
Ethylbenzene*	<0.050	0.050	06/13/2023	ND	2.22	111	2.00	0.235	
Total Xylenes*	<0.150	0.150	06/13/2023	ND	6.85	114	6.00	0.766	
Total BTEX	<0.300	0.300	06/13/2023	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	<b>448</b>	16.0	06/13/2023	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	06/14/2023	ND	185	92.4	200	6.40	
DRO >C10-C28*	<10.0	10.0	06/14/2023	ND	191	95.5	200	6.47	
EXT DRO >C28-C36	<10.0	10.0	06/14/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: H - 2 (0-0.5') (H233026-02)**

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	06/13/2023	ND	2.24	112	2.00	0.458	
Toluene*	<0.050	0.050	06/13/2023	ND	2.34	117	2.00	0.667	
Ethylbenzene*	<0.050	0.050	06/13/2023	ND	2.22	111	2.00	0.235	
Total Xylenes*	<0.150	0.150	06/13/2023	ND	6.85	114	6.00	0.766	
Total BTEX	<0.300	0.300	06/13/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/13/2023	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	06/14/2023	ND	185	92.4	200	6.40	
DRO >C10-C28*	<10.0	10.0	06/14/2023	ND	191	95.5	200	6.47	
EXT DRO >C28-C36	<10.0	10.0	06/14/2023	ND					

Surrogate: 1-Chlorooctane 94.9 % 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: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: H - 3 (0-0.5') (H233026-03)**

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	06/13/2023	ND	2.24	112	2.00	0.458	
Toluene*	<0.050	0.050	06/13/2023	ND	2.34	117	2.00	0.667	
Ethylbenzene*	<0.050	0.050	06/13/2023	ND	2.22	111	2.00	0.235	
Total Xylenes*	<0.150	0.150	06/13/2023	ND	6.85	114	6.00	0.766	
Total BTEX	<0.300	0.300	06/13/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/13/2023	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	06/14/2023	ND	185	92.4	200	6.40	
DRO >C10-C28*	<10.0	10.0	06/14/2023	ND	191	95.5	200	6.47	
EXT DRO >C28-C36	<10.0	10.0	06/14/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: H - 4 (0-0.5') (H233026-04)**

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	06/13/2023	ND	2.24	112	2.00	0.458	
Toluene*	<0.050	0.050	06/13/2023	ND	2.34	117	2.00	0.667	
Ethylbenzene*	<0.050	0.050	06/13/2023	ND	2.22	111	2.00	0.235	
Total Xylenes*	<0.150	0.150	06/13/2023	ND	6.85	114	6.00	0.766	
Total BTEX	<0.300	0.300	06/13/2023	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	06/13/2023	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	06/14/2023	ND	185	92.4	200	6.40	
DRO >C10-C28*	<10.0	10.0	06/14/2023	ND	191	95.5	200	6.47	
EXT DRO >C28-C36	<10.0	10.0	06/14/2023	ND					

Surrogate: 1-Chlorooctane 91.5 % 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: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: H - 5 (0-0.5') (H233026-05)**

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	06/13/2023	ND	2.24	112	2.00	0.458		
Toluene*	<0.050	0.050	06/13/2023	ND	2.34	117	2.00	0.667		
Ethylbenzene*	<0.050	0.050	06/13/2023	ND	2.22	111	2.00	0.235		
Total Xylenes*	<0.150	0.150	06/13/2023	ND	6.85	114	6.00	0.766		
Total BTEX	<0.300	0.300	06/13/2023	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	06/13/2023	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	06/14/2023	ND	185	92.4	200	6.40		
DRO >C10-C28*	<10.0	10.0	06/14/2023	ND	191	95.5	200	6.47		
EXT DRO >C28-C36	<10.0	10.0	06/14/2023	ND						

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.5 % 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: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: H - 6 (0-0.5') (H233026-06)**

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	06/13/2023	ND	2.24	112	2.00	0.458	
Toluene*	<0.050	0.050	06/13/2023	ND	2.34	117	2.00	0.667	
Ethylbenzene*	<0.050	0.050	06/13/2023	ND	2.22	111	2.00	0.235	
Total Xylenes*	<0.150	0.150	06/13/2023	ND	6.85	114	6.00	0.766	
Total BTEX	<0.300	0.300	06/13/2023	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	16.0	16.0	06/13/2023	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	06/14/2023	ND	185	92.4	200	6.40	
DRO >C10-C28*	<10.0	10.0	06/14/2023	ND	191	95.5	200	6.47	
EXT DRO >C28-C36	<10.0	10.0	06/14/2023	ND					

Surrogate: 1-Chlorooctane 95.9 % 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: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: H - 7 (0-0.5') (H233026-07)**

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	06/13/2023	ND	2.24	112	2.00	0.458		
Toluene*	<0.050	0.050	06/13/2023	ND	2.34	117	2.00	0.667		
Ethylbenzene*	<0.050	0.050	06/13/2023	ND	2.22	111	2.00	0.235		
Total Xylenes*	<0.150	0.150	06/13/2023	ND	6.85	114	6.00	0.766		
Total BTEX	<0.300	0.300	06/13/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/13/2023	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	06/14/2023	ND	185	92.4	200	6.40		
DRO >C10-C28*	<10.0	10.0	06/14/2023	ND	191	95.5	200	6.47		
EXT DRO >C28-C36	<10.0	10.0	06/14/2023	ND						

Surrogate: 1-Chlorooctane 104 % 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: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: H - 8 (0-0.5') (H233026-08)**

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	06/13/2023	ND	2.24	112	2.00	0.458	
Toluene*	<0.050	0.050	06/13/2023	ND	2.34	117	2.00	0.667	
Ethylbenzene*	<0.050	0.050	06/13/2023	ND	2.22	111	2.00	0.235	
Total Xylenes*	<0.150	0.150	06/13/2023	ND	6.85	114	6.00	0.766	
Total BTEX	<0.300	0.300	06/13/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/13/2023	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	06/14/2023	ND	185	92.4	200	6.40	
DRO >C10-C28*	<10.0	10.0	06/14/2023	ND	191	95.5	200	6.47	
EXT DRO >C28-C36	<10.0	10.0	06/14/2023	ND					

Surrogate: 1-Chlorooctane 96.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 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: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: H - 9 (0-0.5') (H233026-09)**

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	06/13/2023	ND	2.24	112	2.00	0.458	
Toluene*	<0.050	0.050	06/13/2023	ND	2.34	117	2.00	0.667	
Ethylbenzene*	<0.050	0.050	06/13/2023	ND	2.22	111	2.00	0.235	
Total Xylenes*	<0.150	0.150	06/13/2023	ND	6.85	114	6.00	0.766	
Total BTEX	<0.300	0.300	06/13/2023	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	32.0	16.0	06/13/2023	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	06/14/2023	ND	185	92.4	200	6.40	
DRO >C10-C28*	<10.0	10.0	06/14/2023	ND	191	95.5	200	6.47	
EXT DRO >C28-C36	<10.0	10.0	06/14/2023	ND					

Surrogate: 1-Chlorooctane 96.7 % 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: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: H - 10 (0-0.5') (H233026-10)**

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	06/13/2023	ND	2.24	112	2.00	0.458		
Toluene*	<0.050	0.050	06/13/2023	ND	2.34	117	2.00	0.667		
Ethylbenzene*	<0.050	0.050	06/13/2023	ND	2.22	111	2.00	0.235		
Total Xylenes*	<0.150	0.150	06/13/2023	ND	6.85	114	6.00	0.766		
Total BTEX	<0.300	0.300	06/13/2023	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	06/13/2023	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	06/14/2023	ND	185	92.4	200	6.40		
DRO >C10-C28*	<10.0	10.0	06/14/2023	ND	191	95.5	200	6.47		
EXT DRO >C28-C36	<10.0	10.0	06/14/2023	ND						

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: H - 11 (0-0.5') (H233026-11)**

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	06/13/2023	ND	2.24	112	2.00	0.458	
Toluene*	<0.050	0.050	06/13/2023	ND	2.34	117	2.00	0.667	
Ethylbenzene*	<0.050	0.050	06/13/2023	ND	2.22	111	2.00	0.235	
Total Xylenes*	<0.150	0.150	06/13/2023	ND	6.85	114	6.00	0.766	
Total BTEX	<0.300	0.300	06/13/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/13/2023	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	06/14/2023	ND	185	92.4	200	6.40	
DRO >C10-C28*	<10.0	10.0	06/14/2023	ND	191	95.5	200	6.47	
EXT DRO >C28-C36	<10.0	10.0	06/14/2023	ND					

Surrogate: 1-Chlorooctane 97.2 % 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: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: H - 12 (0-0.5') (H233026-12)**

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	06/13/2023	ND	2.24	112	2.00	0.458	
Toluene*	<0.050	0.050	06/13/2023	ND	2.34	117	2.00	0.667	
Ethylbenzene*	<0.050	0.050	06/13/2023	ND	2.22	111	2.00	0.235	
Total Xylenes*	<0.150	0.150	06/13/2023	ND	6.85	114	6.00	0.766	
Total BTEX	<0.300	0.300	06/13/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/13/2023	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	06/14/2023	ND	185	92.4	200	6.40	
DRO >C10-C28*	<10.0	10.0	06/14/2023	ND	191	95.5	200	6.47	
EXT DRO >C28-C36	<10.0	10.0	06/14/2023	ND					

Surrogate: 1-Chlorooctane 97.6 % 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: 06/13/2023  
 Reported: 06/14/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/13/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: H - 13 (0-0.5') (H233026-13)**

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	06/13/2023	ND	2.24	112	2.00	0.458	
Toluene*	<0.050	0.050	06/13/2023	ND	2.34	117	2.00	0.667	
Ethylbenzene*	<0.050	0.050	06/13/2023	ND	2.22	111	2.00	0.235	
Total Xylenes*	<0.150	0.150	06/13/2023	ND	6.85	114	6.00	0.766	
Total BTEX	<0.300	0.300	06/13/2023	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	32.0	16.0	06/13/2023	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	06/14/2023	ND	185	92.4	200	6.40	
DRO >C10-C28*	<10.0	10.0	06/14/2023	ND	191	95.5	200	6.47	
EXT DRO >C28-C36	<10.0	10.0	06/14/2023	ND					

Surrogate: 1-Chlorooctane 95.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
\*\* Samples not received at proper temperature of 6°C or below.
\*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: 1933024

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

<b>Work Order Comments</b>	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> IRC <input type="checkbox"/> perfund
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:	Project Number:	Project Location:	Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes					
					Routine	Rush	Due Date:															
Sidewinder Riser Release	2049	Lea County, New Mexico	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush		24 Hours													None: NO Cool: Cool HCL: HC H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> H <sub>3</sub> PO <sub>4</sub> : HP NaHSO <sub>4</sub> : NABIS Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub> Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC				
Sampler's Name:	CCM																					
PO #:																						
<b>SAMPLE RECEIPT</b>	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																	
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	-0.10°																			
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:	6.1°																			
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Corrected Temperature:	6.5																			
Total Containers:																						
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments			
H-11 (0-0.5')	6/13/2023		X		G	1	X	X	X													11
H-12 (0-0.5')	6/13/2023		X		G	1	X	X	X													12
H-13 (0-0.5')	6/13/2023		X		G	1	X	X	X													13

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			013-23 1417



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June 23, 2023

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

RE: SIDEWINDER RISER RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 06/22/23 8:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 1 (1.5') (H233230-01)**

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	06/22/2023	ND	2.12	106	2.00	1.45	
Toluene*	<0.050	0.050	06/22/2023	ND	2.07	103	2.00	0.242	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.02	101	2.00	0.543	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.15	102	6.00	0.745	
Total BTEX	<0.300	0.300	06/22/2023	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	544	16.0	06/22/2023	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	06/22/2023	ND	172	86.0	200	1.32	
<b>DRO &gt;C10-C28*</b>	<b>12.2</b>	10.0	06/22/2023	ND	151	75.7	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 92.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.6 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 2 (1.5') (H233230-02)**

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	06/22/2023	ND	2.12	106	2.00	1.45		
Toluene*	<0.050	0.050	06/22/2023	ND	2.07	103	2.00	0.242		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.02	101	2.00	0.543		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.15	102	6.00	0.745		
Total BTEX	<0.300	0.300	06/22/2023	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	06/22/2023	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	06/22/2023	ND	172	86.0	200	1.32		
<b>DRO &gt;C10-C28*</b>	<b>11.3</b>	10.0	06/22/2023	ND	151	75.7	200	4.75		
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND						

Surrogate: 1-Chlorooctane 94.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.0 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 3 (1.5') (H233230-03)**

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	06/22/2023	ND	2.12	106	2.00	1.45	
Toluene*	<0.050	0.050	06/22/2023	ND	2.07	103	2.00	0.242	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.02	101	2.00	0.543	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.15	102	6.00	0.745	
Total BTEX	<0.300	0.300	06/22/2023	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	06/22/2023	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	06/22/2023	ND	172	86.0	200	1.32	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	151	75.7	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 99.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.3 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 4 (1.5') (H233230-04)**

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	06/22/2023	ND	2.12	106	2.00	1.45	
Toluene*	<0.050	0.050	06/22/2023	ND	2.07	103	2.00	0.242	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.02	101	2.00	0.543	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.15	102	6.00	0.745	
Total BTEX	<0.300	0.300	06/22/2023	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	06/22/2023	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	06/22/2023	ND	172	86.0	200	1.32	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	151	75.7	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 94.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.8 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 5 (1.5') (H233230-05)**

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	06/22/2023	ND	2.12	106	2.00	1.45		
Toluene*	<0.050	0.050	06/22/2023	ND	2.07	103	2.00	0.242		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.02	101	2.00	0.543		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.15	102	6.00	0.745		
Total BTEX	<0.300	0.300	06/22/2023	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	06/22/2023	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	06/22/2023	ND	172	86.0	200	1.32		
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	151	75.7	200	4.75		
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND						

Surrogate: 1-Chlorooctane 89.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.2 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 6 (1.5') (H233230-06)**

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	06/22/2023	ND	2.12	106	2.00	1.45	
Toluene*	<0.050	0.050	06/22/2023	ND	2.07	103	2.00	0.242	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.02	101	2.00	0.543	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.15	102	6.00	0.745	
Total BTEX	<0.300	0.300	06/22/2023	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	06/22/2023	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	06/22/2023	ND	172	86.0	200	1.32	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	151	75.7	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 91.6 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 7 (1.5') (H233230-07)**

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	06/22/2023	ND	2.12	106	2.00	1.45		
Toluene*	<0.050	0.050	06/22/2023	ND	2.07	103	2.00	0.242		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.02	101	2.00	0.543		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.15	102	6.00	0.745		
Total BTEX	<0.300	0.300	06/22/2023	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	80.0	16.0	06/22/2023	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	06/22/2023	ND	172	86.0	200	1.32		
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	151	75.7	200	4.75		
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND						

Surrogate: 1-Chlorooctane 86.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.6 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 8 (1.5') (H233230-08)**

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	06/22/2023	ND	2.12	106	2.00	1.45	
Toluene*	<0.050	0.050	06/22/2023	ND	2.07	103	2.00	0.242	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.02	101	2.00	0.543	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.15	102	6.00	0.745	
Total BTEX	<0.300	0.300	06/22/2023	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	06/22/2023	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	06/22/2023	ND	172	86.0	200	1.32	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	151	75.7	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 76.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.1 % 49.1-148

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**Analytical Results For:**

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

Received:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 9 (1.5') (H233230-09)**

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	06/22/2023	ND	2.12	106	2.00	1.45	
Toluene*	<0.050	0.050	06/22/2023	ND	2.07	103	2.00	0.242	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.02	101	2.00	0.543	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.15	102	6.00	0.745	
Total BTEX	<0.300	0.300	06/22/2023	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	06/22/2023	ND	384	96.0	400	8.00	

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	06/22/2023	ND	172	86.0	200	1.32	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	151	75.7	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 95.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.5 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 10 (1.5') (H233230-10)**

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	06/22/2023	ND	2.12	106	2.00	1.45	
Toluene*	<0.050	0.050	06/22/2023	ND	2.07	103	2.00	0.242	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.02	101	2.00	0.543	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.15	102	6.00	0.745	
Total BTEX	<0.300	0.300	06/22/2023	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	06/22/2023	ND	384	96.0	400	8.00	

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	06/22/2023	ND	160	80.1	200	0.977	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	174	86.9	200	2.00	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 86.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.7 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 11 (1.5') (H233230-11)**

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	06/22/2023	ND	2.12	106	2.00	1.45	
Toluene*	<0.050	0.050	06/22/2023	ND	2.07	103	2.00	0.242	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.02	101	2.00	0.543	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.15	102	6.00	0.745	
Total BTEX	<0.300	0.300	06/22/2023	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	06/22/2023	ND	384	96.0	400	8.00	

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	06/22/2023	ND	160	80.1	200	0.977	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	174	86.9	200	2.00	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 89.1 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 12 (1.5') (H233230-12)**

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	06/22/2023	ND	2.12	106	2.00	1.45		
Toluene*	<0.050	0.050	06/22/2023	ND	2.07	103	2.00	0.242		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.02	101	2.00	0.543		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.15	102	6.00	0.745		
Total BTEX	<0.300	0.300	06/22/2023	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	06/22/2023	ND	384	96.0	400	8.00		

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	06/22/2023	ND	160	80.1	200	0.977		
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	174	86.9	200	2.00		
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND						

Surrogate: 1-Chlorooctane 96.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/22/2023  
 Reported: 06/23/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/19/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 13 (3') (H233230-13)**

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	06/22/2023	ND	2.12	106	2.00	1.45		
Toluene*	<0.050	0.050	06/22/2023	ND	2.07	103	2.00	0.242		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.02	101	2.00	0.543		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.15	102	6.00	0.745		
Total BTEX	<0.300	0.300	06/22/2023	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	06/22/2023	ND	384	96.0	400	8.00		

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	06/22/2023	ND	160	80.1	200	0.977		
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	174	86.9	200	2.00		
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND						

Surrogate: 1-Chlorooctane 119 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 14 (3') (H233230-14)**

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	06/22/2023	ND	2.12	106	2.00	1.45		
Toluene*	<0.050	0.050	06/22/2023	ND	2.07	103	2.00	0.242		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.02	101	2.00	0.543		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.15	102	6.00	0.745		
Total BTEX	<0.300	0.300	06/22/2023	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	288	16.0	06/22/2023	ND	384	96.0	400	8.00		

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	06/22/2023	ND	160	80.1	200	0.977		
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	174	86.9	200	2.00		
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND						

Surrogate: 1-Chlorooctane 85.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.2 % 49.1-148

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**Analytical Results For:**

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

Received:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 15 (3') (H233230-15)**

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	06/22/2023	ND	2.12	106	2.00	1.45	
Toluene*	<0.050	0.050	06/22/2023	ND	2.07	103	2.00	0.242	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.02	101	2.00	0.543	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.15	102	6.00	0.745	
Total BTEX	<0.300	0.300	06/22/2023	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	06/22/2023	ND	384	96.0	400	8.00	

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	06/22/2023	ND	160	80.1	200	0.977	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	174	86.9	200	2.00	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 104 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 16 (3') (H233230-16)**

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	06/22/2023	ND	2.12	106	2.00	1.45		
Toluene*	<0.050	0.050	06/22/2023	ND	2.07	103	2.00	0.242		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.02	101	2.00	0.543		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.15	102	6.00	0.745		
Total BTEX	<0.300	0.300	06/22/2023	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	06/22/2023	ND	384	96.0	400	8.00		

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	06/22/2023	ND	160	80.1	200	0.977		
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	174	86.9	200	2.00		
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND						

Surrogate: 1-Chlorooctane 96.6 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 17 (3') (H233230-17)**

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	06/22/2023	ND	2.12	106	2.00	1.45	
Toluene*	<0.050	0.050	06/22/2023	ND	2.07	103	2.00	0.242	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.02	101	2.00	0.543	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.15	102	6.00	0.745	
Total BTEX	<0.300	0.300	06/22/2023	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	80.0	16.0	06/22/2023	ND	384	96.0	400	8.00	

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	06/22/2023	ND	160	80.1	200	0.977	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	174	86.9	200	2.00	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 76.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.1 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 18 (3') (H233230-18)**

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	06/22/2023	ND	2.12	106	2.00	1.45	
Toluene*	<0.050	0.050	06/22/2023	ND	2.07	103	2.00	0.242	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.02	101	2.00	0.543	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.15	102	6.00	0.745	
Total BTEX	<0.300	0.300	06/22/2023	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	208	16.0	06/22/2023	ND	384	96.0	400	8.00	

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	06/22/2023	ND	160	80.1	200	0.977	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	174	86.9	200	2.00	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 79.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 49.1-148

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**Analytical Results For:**

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

Received:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 19 (3') (H233230-19)**

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	06/22/2023	ND	2.12	106	2.00	1.45	
Toluene*	<0.050	0.050	06/22/2023	ND	2.07	103	2.00	0.242	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.02	101	2.00	0.543	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.15	102	6.00	0.745	
Total BTEX	<0.300	0.300	06/22/2023	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	06/22/2023	ND	384	96.0	400	8.00	

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	06/22/2023	ND	160	80.1	200	0.977	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	174	86.9	200	2.00	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 78.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.1 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 20 (3') (H233230-20)**

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	06/22/2023	ND	2.12	106	2.00	1.45		
Toluene*	<0.050	0.050	06/22/2023	ND	2.07	103	2.00	0.242		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.02	101	2.00	0.543		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.15	102	6.00	0.745		
Total BTEX	<0.300	0.300	06/22/2023	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	06/22/2023	ND	384	96.0	400	8.00		

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	06/22/2023	ND	160	80.1	200	0.977		
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	174	86.9	200	2.00		
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND						

Surrogate: 1-Chlorooctane 85.7 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 21 (3') (H233230-21)**

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	06/22/2023	ND	2.30	115	2.00	1.25	
Toluene*	<0.050	0.050	06/22/2023	ND	2.27	113	2.00	0.179	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.14	107	2.00	0.0972	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.64	111	6.00	0.524	
Total BTEX	<0.300	0.300	06/22/2023	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	06/22/2023	ND	384	96.0	400	8.00	

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	06/22/2023	ND	160	80.1	200	0.977	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	174	86.9	200	2.00	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.5 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 22 (3') (H233230-22)**

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	06/22/2023	ND	2.30	115	2.00	1.25	
Toluene*	<0.050	0.050	06/22/2023	ND	2.27	113	2.00	0.179	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.14	107	2.00	0.0972	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.64	111	6.00	0.524	
Total BTEX	<0.300	0.300	06/22/2023	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	06/22/2023	ND	384	96.0	400	8.00	

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	06/22/2023	ND	160	80.1	200	0.977	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	174	86.9	200	2.00	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 80.7 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 23 (3') (H233230-23)**

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	06/22/2023	ND	2.30	115	2.00	1.25	
Toluene*	<0.050	0.050	06/22/2023	ND	2.27	113	2.00	0.179	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.14	107	2.00	0.0972	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.64	111	6.00	0.524	
Total BTEX	<0.300	0.300	06/22/2023	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
Chloride	48.0	16.0	06/22/2023	ND	384	96.0	400	8.00	

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	06/22/2023	ND	160	80.1	200	0.977	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	174	86.9	200	2.00	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 88.3 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 24 (3') (H233230-24)**

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	06/22/2023	ND	2.30	115	2.00	1.25	
Toluene*	<0.050	0.050	06/22/2023	ND	2.27	113	2.00	0.179	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.14	107	2.00	0.0972	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.64	111	6.00	0.524	
Total BTEX	<0.300	0.300	06/22/2023	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	384	16.0	06/22/2023	ND	384	96.0	400	8.00	

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	06/22/2023	ND	160	80.1	200	0.977	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	174	86.9	200	2.00	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 72.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.0 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 25 (3') (H233230-25)**

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	06/22/2023	ND	2.30	115	2.00	1.25	
Toluene*	<0.050	0.050	06/22/2023	ND	2.27	113	2.00	0.179	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.14	107	2.00	0.0972	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.64	111	6.00	0.524	
Total BTEX	<0.300	0.300	06/22/2023	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	48.0	16.0	06/22/2023	ND	384	96.0	400	8.00	

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	06/22/2023	ND	160	80.1	200	0.977	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	174	86.9	200	2.00	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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**Analytical Results For:**

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

Received:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 26 (3') (H233230-26)**

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	06/22/2023	ND	2.30	115	2.00	1.25	
Toluene*	<0.050	0.050	06/22/2023	ND	2.27	113	2.00	0.179	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.14	107	2.00	0.0972	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.64	111	6.00	0.524	
Total BTEX	<0.300	0.300	06/22/2023	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	06/22/2023	ND	384	96.0	400	8.00	

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	06/22/2023	ND	160	80.1	200	0.977	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	174	86.9	200	2.00	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 90.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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**Analytical Results For:**

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

Received:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 27 (3') (H233230-27)**

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	06/22/2023	ND	2.30	115	2.00	1.25	
Toluene*	<0.050	0.050	06/22/2023	ND	2.27	113	2.00	0.179	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.14	107	2.00	0.0972	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.64	111	6.00	0.524	
Total BTEX	<0.300	0.300	06/22/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/22/2023	ND	384	96.0	400	8.00	

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	06/22/2023	ND	160	80.1	200	0.977	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	174	86.9	200	2.00	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 78.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.9 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 28 (3') (H233230-28)**

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	06/22/2023	ND	2.30	115	2.00	1.25	
Toluene*	<0.050	0.050	06/22/2023	ND	2.27	113	2.00	0.179	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.14	107	2.00	0.0972	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.64	111	6.00	0.524	
Total BTEX	<0.300	0.300	06/22/2023	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	06/22/2023	ND	384	96.0	400	8.00	

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	06/22/2023	ND	160	80.1	200	0.977	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	174	86.9	200	2.00	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 63.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.0 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 29 (3') (H233230-29)**

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	06/22/2023	ND	2.30	115	2.00	1.25		
Toluene*	<0.050	0.050	06/22/2023	ND	2.27	113	2.00	0.179		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.14	107	2.00	0.0972		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.64	111	6.00	0.524		
Total BTEX	<0.300	0.300	06/22/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/22/2023	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	06/22/2023	ND	160	80.1	200	0.977		
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	174	86.9	200	2.00		
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND						

Surrogate: 1-Chlorooctane 85.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.6 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 30 (3') (H233230-30)**

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	06/22/2023	ND	2.30	115	2.00	1.25	
Toluene*	<0.050	0.050	06/22/2023	ND	2.27	113	2.00	0.179	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.14	107	2.00	0.0972	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.64	111	6.00	0.524	
Total BTEX	<0.300	0.300	06/22/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/22/2023	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	06/22/2023	ND	172	86.1	200	1.35	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	175	87.6	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.3 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 31 (3') (H233230-31)**

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	06/22/2023	ND	2.30	115	2.00	1.25	
Toluene*	<0.050	0.050	06/22/2023	ND	2.27	113	2.00	0.179	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.14	107	2.00	0.0972	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.64	111	6.00	0.524	
Total BTEX	<0.300	0.300	06/22/2023	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	06/22/2023	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	06/22/2023	ND	172	86.1	200	1.35	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	175	87.6	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 107 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 32 (3') (H233230-32)**

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	06/22/2023	ND	2.30	115	2.00	1.25	
Toluene*	<0.050	0.050	06/22/2023	ND	2.27	113	2.00	0.179	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.14	107	2.00	0.0972	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.64	111	6.00	0.524	
Total BTEX	<0.300	0.300	06/22/2023	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	06/22/2023	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	06/22/2023	ND	172	86.1	200	1.35	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	175	87.6	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 110 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 33 (3') (H233230-33)**

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	06/22/2023	ND	2.30	115	2.00	1.25	
Toluene*	<0.050	0.050	06/22/2023	ND	2.27	113	2.00	0.179	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.14	107	2.00	0.0972	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.64	111	6.00	0.524	
Total BTEX	<0.300	0.300	06/22/2023	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	06/22/2023	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	06/22/2023	ND	172	86.1	200	1.35	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	175	87.6	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 106 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 34 (3') (H233230-34)**

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	06/22/2023	ND	2.30	115	2.00	1.25	
Toluene*	<0.050	0.050	06/22/2023	ND	2.27	113	2.00	0.179	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.14	107	2.00	0.0972	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.64	111	6.00	0.524	
Total BTEX	<0.300	0.300	06/22/2023	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	06/22/2023	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	06/22/2023	ND	172	86.1	200	1.35	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	175	87.6	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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**Analytical Results For:**

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

Received:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 35 (3') (H233230-35)**

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	06/22/2023	ND	2.30	115	2.00	1.25	
Toluene*	<0.050	0.050	06/22/2023	ND	2.27	113	2.00	0.179	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.14	107	2.00	0.0972	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.64	111	6.00	0.524	
Total BTEX	<0.300	0.300	06/22/2023	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	06/22/2023	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	06/22/2023	ND	172	86.1	200	1.35	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	175	87.6	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	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



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**Analytical Results For:**

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

Received:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 36 (3') (H233230-36)**

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	06/22/2023	ND	2.30	115	2.00	1.25	
Toluene*	<0.050	0.050	06/22/2023	ND	2.27	113	2.00	0.179	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.14	107	2.00	0.0972	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.64	111	6.00	0.524	
Total BTEX	<0.300	0.300	06/22/2023	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	06/22/2023	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	06/22/2023	ND	172	86.1	200	1.35	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	175	87.6	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 107 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 37 (3') (H233230-37)**

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	06/22/2023	ND	2.30	115	2.00	1.25	
Toluene*	<0.050	0.050	06/22/2023	ND	2.27	113	2.00	0.179	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.14	107	2.00	0.0972	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.64	111	6.00	0.524	
Total BTEX	<0.300	0.300	06/22/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/22/2023	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	06/22/2023	ND	172	86.1	200	1.35	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	175	87.6	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 106 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 38 (3') (H233230-38)**

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	06/22/2023	ND	2.30	115	2.00	1.25	
Toluene*	<0.050	0.050	06/22/2023	ND	2.27	113	2.00	0.179	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.14	107	2.00	0.0972	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.64	111	6.00	0.524	
Total BTEX	<0.300	0.300	06/22/2023	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	192	16.0	06/22/2023	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	06/22/2023	ND	172	86.1	200	1.35	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	175	87.6	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 111 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 39 (3') (H233230-39)**

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	06/22/2023	ND	2.30	115	2.00	1.25	
Toluene*	<0.050	0.050	06/22/2023	ND	2.27	113	2.00	0.179	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.14	107	2.00	0.0972	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.64	111	6.00	0.524	
Total BTEX	<0.300	0.300	06/22/2023	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	48.0	16.0	06/22/2023	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	06/22/2023	ND	172	86.1	200	1.35	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	175	87.6	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 110 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 40 (3') (H233230-40)**

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	06/22/2023	ND	2.30	115	2.00	1.25	
Toluene*	<0.050	0.050	06/22/2023	ND	2.27	113	2.00	0.179	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.14	107	2.00	0.0972	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.64	111	6.00	0.524	
Total BTEX	<0.300	0.300	06/22/2023	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	1580	16.0	06/22/2023	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	06/22/2023	ND	172	86.1	200	1.35	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	175	87.6	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 99.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 41 (3') (H233230-41)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/22/2023	ND	2.16	108	2.00	2.66		
Toluene*	<0.050	0.050	06/22/2023	ND	2.07	103	2.00	3.66		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.11	106	2.00	2.97		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.29	105	6.00	2.68		
Total BTEX	<0.300	0.300	06/22/2023	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	96.0	16.0	06/22/2023	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	06/22/2023	ND	172	86.1	200	1.35		
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	175	87.6	200	2.36		
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND						

Surrogate: 1-Chlorooctane 103 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 42 (3') (H233230-42)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/22/2023	ND	2.16	108	2.00	2.66		
Toluene*	<0.050	0.050	06/22/2023	ND	2.07	103	2.00	3.66		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.11	106	2.00	2.97		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.29	105	6.00	2.68		
Total BTEX	<0.300	0.300	06/22/2023	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	576	16.0	06/22/2023	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	06/22/2023	ND	172	86.1	200	1.35		
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	175	87.6	200	2.36		
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND						

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 43 (3') (H233230-43)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/22/2023	ND	2.16	108	2.00	2.66	
Toluene*	<0.050	0.050	06/22/2023	ND	2.07	103	2.00	3.66	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.11	106	2.00	2.97	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.29	105	6.00	2.68	
Total BTEX	<0.300	0.300	06/22/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/22/2023	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	06/22/2023	ND	172	86.1	200	1.35	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	175	87.6	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 111 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 44 (3') (H233230-44)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/22/2023	ND	2.16	108	2.00	2.66		
Toluene*	<0.050	0.050	06/22/2023	ND	2.07	103	2.00	3.66		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.11	106	2.00	2.97		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.29	105	6.00	2.68		
Total BTEX	<0.300	0.300	06/22/2023	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	96.0	16.0	06/22/2023	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	06/22/2023	ND	172	86.1	200	1.35		
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	175	87.6	200	2.36		
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND						

Surrogate: 1-Chlorooctane 109 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 45 (3') (H233230-45)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/22/2023	ND	2.16	108	2.00	2.66		
Toluene*	<0.050	0.050	06/22/2023	ND	2.07	103	2.00	3.66		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.11	106	2.00	2.97		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.29	105	6.00	2.68		
Total BTEX	<0.300	0.300	06/22/2023	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	06/22/2023	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	06/22/2023	ND	172	86.1	200	1.35		
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	175	87.6	200	2.36		
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND						

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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**Analytical Results For:**

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 CONNER MOEHRING  
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 MIDLAND TX, 79701  
 Fax To:

Received:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 46 (12') (H233230-46)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/22/2023	ND	2.16	108	2.00	2.66	
Toluene*	<0.050	0.050	06/22/2023	ND	2.07	103	2.00	3.66	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.11	106	2.00	2.97	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.29	105	6.00	2.68	
Total BTEX	<0.300	0.300	06/22/2023	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	4640	16.0	06/22/2023	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	06/22/2023	ND	172	86.1	200	1.35	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	175	87.6	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 97.7 % 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: 06/22/2023  
 Reported: 06/23/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/19/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 47 (12') (H233230-47)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/22/2023	ND	2.16	108	2.00	2.66	
Toluene*	<0.050	0.050	06/22/2023	ND	2.07	103	2.00	3.66	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.11	106	2.00	2.97	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.29	105	6.00	2.68	
Total BTEX	<0.300	0.300	06/22/2023	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	3200	16.0	06/22/2023	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	06/22/2023	ND	172	86.1	200	1.35	
DRO >C10-C28*	115	10.0	06/22/2023	ND	175	87.6	200	2.36	
EXT DRO >C28-C36	33.9	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 92.7 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 48 (12') (H233230-48)**

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	06/22/2023	ND	2.16	108	2.00	2.66	
Toluene*	<0.050	0.050	06/22/2023	ND	2.07	103	2.00	3.66	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.11	106	2.00	2.97	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.29	105	6.00	2.68	
Total BTEX	<0.300	0.300	06/22/2023	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	7600	16.0	06/22/2023	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	06/22/2023	ND	172	86.1	200	1.35	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	175	87.6	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 103 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 49 (12') (H233230-49)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/22/2023	ND	2.16	108	2.00	2.66	
Toluene*	<0.050	0.050	06/22/2023	ND	2.07	103	2.00	3.66	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.11	106	2.00	2.97	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.29	105	6.00	2.68	
Total BTEX	<0.300	0.300	06/22/2023	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	10700	16.0	06/22/2023	ND	400	100	400	3.92	QM-07

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2023	ND	172	86.1	200	1.35	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	175	87.6	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 97.5 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 50 (12') (H233230-50)**

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	06/22/2023	ND	2.16	108	2.00	2.66		
Toluene*	<0.050	0.050	06/22/2023	ND	2.07	103	2.00	3.66		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.11	106	2.00	2.97		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.29	105	6.00	2.68		
Total BTEX	<0.300	0.300	06/22/2023	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	5600	16.0	06/22/2023	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	06/22/2023	ND	181	90.4	200	1.13		
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	166	83.2	200	1.37		
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND						

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.0 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 51 (12') (H233230-51)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/22/2023	ND	2.16	108	2.00	2.66		
Toluene*	<0.050	0.050	06/22/2023	ND	2.07	103	2.00	3.66		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.11	106	2.00	2.97		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.29	105	6.00	2.68		
Total BTEX	<0.300	0.300	06/22/2023	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	400	16.0	06/22/2023	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	06/22/2023	ND	181	90.4	200	1.13		
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	166	83.2	200	1.37		
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND						

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.8 % 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: 06/22/2023  
 Reported: 06/23/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/19/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 52 (12') (H233230-52)**

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	06/22/2023	ND	2.16	108	2.00	2.66		
Toluene*	<0.050	0.050	06/22/2023	ND	2.07	103	2.00	3.66		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.11	106	2.00	2.97		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.29	105	6.00	2.68		
Total BTEX	<0.300	0.300	06/22/2023	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	1090	16.0	06/22/2023	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	06/22/2023	ND	181	90.4	200	1.13		
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	166	83.2	200	1.37		
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 53 (12') (H233230-53)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/22/2023	ND	2.16	108	2.00	2.66		
Toluene*	<0.050	0.050	06/22/2023	ND	2.07	103	2.00	3.66		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.11	106	2.00	2.97		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.29	105	6.00	2.68		
Total BTEX	<0.300	0.300	06/22/2023	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	288	16.0	06/22/2023	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	06/22/2023	ND	181	90.4	200	1.13		
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	166	83.2	200	1.37		
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND						

Surrogate: 1-Chlorooctane 93.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 54 (3') (H233230-54)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/22/2023	ND	2.16	108	2.00	2.66		
Toluene*	<0.050	0.050	06/22/2023	ND	2.07	103	2.00	3.66		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.11	106	2.00	2.97		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.29	105	6.00	2.68		
Total BTEX	<0.300	0.300	06/22/2023	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	272	16.0	06/22/2023	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	06/22/2023	ND	181	90.4	200	1.13		
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	166	83.2	200	1.37		
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND						

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.6 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 55 (3') (H233230-55)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/22/2023	ND	2.16	108	2.00	2.66		
Toluene*	<0.050	0.050	06/22/2023	ND	2.07	103	2.00	3.66		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.11	106	2.00	2.97		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.29	105	6.00	2.68		
Total BTEX	<0.300	0.300	06/22/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/22/2023	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	06/22/2023	ND	181	90.4	200	1.13		
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	166	83.2	200	1.37		
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND						

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.2 % 49.1-148

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**Analytical Results For:**

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

Received:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 56 (3') (H233230-56)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/22/2023	ND	2.16	108	2.00	2.66	
Toluene*	<0.050	0.050	06/22/2023	ND	2.07	103	2.00	3.66	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.11	106	2.00	2.97	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.29	105	6.00	2.68	
Total BTEX	<0.300	0.300	06/22/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/22/2023	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	06/22/2023	ND	181	90.4	200	1.13	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	166	83.2	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 113 % 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: 06/22/2023  
 Reported: 06/23/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/19/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 57 (3') (H233230-57)**

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	06/22/2023	ND	2.16	108	2.00	2.66	
Toluene*	<0.050	0.050	06/22/2023	ND	2.07	103	2.00	3.66	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.11	106	2.00	2.97	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.29	105	6.00	2.68	
Total BTEX	<0.300	0.300	06/22/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/22/2023	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	06/22/2023	ND	181	90.4	200	1.13	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	166	83.2	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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**Analytical Results For:**

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

Received:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 58 (3') (H233230-58)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/22/2023	ND	2.16	108	2.00	2.66	
Toluene*	<0.050	0.050	06/22/2023	ND	2.07	103	2.00	3.66	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.11	106	2.00	2.97	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.29	105	6.00	2.68	
Total BTEX	<0.300	0.300	06/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 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	06/22/2023	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	06/22/2023	ND	181	90.4	200	1.13	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	166	83.2	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 59 (3') (H233230-59)**

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	06/22/2023	ND	2.16	108	2.00	2.66		
Toluene*	<0.050	0.050	06/22/2023	ND	2.07	103	2.00	3.66		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.11	106	2.00	2.97		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.29	105	6.00	2.68		
Total BTEX	<0.300	0.300	06/22/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/22/2023	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	06/22/2023	ND	181	90.4	200	1.13		
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	166	83.2	200	1.37		
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND						

Surrogate: 1-Chlorooctane 111 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 60 (3') (H233230-60)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/22/2023	ND	2.16	108	2.00	2.66		
Toluene*	<0.050	0.050	06/22/2023	ND	2.07	103	2.00	3.66		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.11	106	2.00	2.97		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.29	105	6.00	2.68		
Total BTEX	<0.300	0.300	06/22/2023	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	<16.0	16.0	06/22/2023	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	06/22/2023	ND	181	90.4	200	1.13		
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	166	83.2	200	1.37		
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND						

Surrogate: 1-Chlorooctane 105 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 61 (3') (H233230-61)**

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	06/22/2023	ND	2.09	104	2.00	1.29	
Toluene*	<0.050	0.050	06/22/2023	ND	2.05	103	2.00	1.62	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.03	101	2.00	1.05	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.10	102	6.00	0.0162	
Total BTEX	<0.300	0.300	06/22/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/22/2023	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	06/22/2023	ND	181	90.4	200	1.13	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	166	83.2	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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**Analytical Results For:**

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

Received: 06/22/2023  
 Reported: 06/23/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/19/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 62 (3') (H233230-62)**

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	06/22/2023	ND	2.09	104	2.00	1.29	
Toluene*	<0.050	0.050	06/22/2023	ND	2.05	103	2.00	1.62	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.03	101	2.00	1.05	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.10	102	6.00	0.0162	
Total BTEX	<0.300	0.300	06/22/2023	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	06/22/2023	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	06/22/2023	ND	181	90.4	200	1.13	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	166	83.2	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 63 (3') (H233230-63)**

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	06/22/2023	ND	2.09	104	2.00	1.29	
Toluene*	<0.050	0.050	06/22/2023	ND	2.05	103	2.00	1.62	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.03	101	2.00	1.05	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.10	102	6.00	0.0162	
Total BTEX	<0.300	0.300	06/22/2023	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	48.0	16.0	06/22/2023	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	06/22/2023	ND	181	90.4	200	1.13	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	166	83.2	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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**Analytical Results For:**

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

Received:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 64 (3') (H233230-64)**

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	06/22/2023	ND	2.09	104	2.00	1.29	
Toluene*	<0.050	0.050	06/22/2023	ND	2.05	103	2.00	1.62	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.03	101	2.00	1.05	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.10	102	6.00	0.0162	
Total BTEX	<0.300	0.300	06/22/2023	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	32.0	16.0	06/22/2023	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	06/22/2023	ND	181	90.4	200	1.13	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	166	83.2	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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**Analytical Results For:**

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

Received:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 65 (3') (H233230-65)**

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	06/22/2023	ND	2.09	104	2.00	1.29	
Toluene*	<0.050	0.050	06/22/2023	ND	2.05	103	2.00	1.62	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.03	101	2.00	1.05	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.10	102	6.00	0.0162	
Total BTEX	<0.300	0.300	06/22/2023	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	32.0	16.0	06/22/2023	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	06/22/2023	ND	181	90.4	200	1.13	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	166	83.2	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 123 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 66 (3') (H233230-66)**

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	06/22/2023	ND	2.09	104	2.00	1.29	
Toluene*	<0.050	0.050	06/22/2023	ND	2.05	103	2.00	1.62	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.03	101	2.00	1.05	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.10	102	6.00	0.0162	
Total BTEX	<0.300	0.300	06/22/2023	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	06/22/2023	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	06/22/2023	ND	181	90.4	200	1.13	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	166	83.2	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 127 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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**Analytical Results For:**

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

Received:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 67 (3') (H233230-67)**

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	06/22/2023	ND	2.09	104	2.00	1.29	
Toluene*	<0.050	0.050	06/22/2023	ND	2.05	103	2.00	1.62	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.03	101	2.00	1.05	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.10	102	6.00	0.0162	
Total BTEX	<0.300	0.300	06/22/2023	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	48.0	16.0	06/22/2023	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	06/22/2023	ND	181	90.4	200	1.13	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	166	83.2	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 114 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 68 (3') (H233230-68)**

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	06/22/2023	ND	2.09	104	2.00	1.29	
Toluene*	<0.050	0.050	06/22/2023	ND	2.05	103	2.00	1.62	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.03	101	2.00	1.05	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.10	102	6.00	0.0162	
Total BTEX	<0.300	0.300	06/22/2023	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	06/22/2023	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	06/22/2023	ND	181	90.4	200	1.13	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	166	83.2	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 124 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 69 (3') (H233230-69)**

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	06/22/2023	ND	2.09	104	2.00	1.29		
Toluene*	<0.050	0.050	06/22/2023	ND	2.05	103	2.00	1.62		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.03	101	2.00	1.05		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.10	102	6.00	0.0162		
Total BTEX	<0.300	0.300	06/22/2023	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	06/22/2023	ND	400	100	400	11.3		

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	06/22/2023	ND	181	90.4	200	1.13			
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	166	83.2	200	1.37			
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND							

Surrogate: 1-Chlorooctane 136 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 70 (3') (H233230-70)**

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	06/22/2023	ND	2.09	104	2.00	1.29	
Toluene*	<0.050	0.050	06/22/2023	ND	2.05	103	2.00	1.62	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.03	101	2.00	1.05	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.10	102	6.00	0.0162	
Total BTEX	<0.300	0.300	06/22/2023	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	06/22/2023	ND	400	100	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2023	ND	171	85.7	200	1.04	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	166	83.1	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 118 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 71 (3') (H233230-71)**

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	06/22/2023	ND	2.09	104	2.00	1.29	
Toluene*	<0.050	0.050	06/22/2023	ND	2.05	103	2.00	1.62	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.03	101	2.00	1.05	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.10	102	6.00	0.0162	
Total BTEX	<0.300	0.300	06/22/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/22/2023	ND	400	100	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2023	ND	171	85.7	200	1.04	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	166	83.1	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 131 % 48.2-134

Surrogate: 1-Chlorooctadecane 142 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 72 (3') (H233230-72)**

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	06/22/2023	ND	2.09	104	2.00	1.29	
Toluene*	<0.050	0.050	06/22/2023	ND	2.05	103	2.00	1.62	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.03	101	2.00	1.05	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.10	102	6.00	0.0162	
Total BTEX	<0.300	0.300	06/22/2023	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	<16.0	16.0	06/22/2023	ND	400	100	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2023	ND	171	85.7	200	1.04	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	166	83.1	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 121 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 73 (3') (H233230-73)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/22/2023	ND	2.09	104	2.00	1.29	
Toluene*	<0.050	0.050	06/22/2023	ND	2.05	103	2.00	1.62	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.03	101	2.00	1.05	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.10	102	6.00	0.0162	
Total BTEX	<0.300	0.300	06/22/2023	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	16.0	16.0	06/22/2023	ND	400	100	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2023	ND	171	85.7	200	1.04	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	166	83.1	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 101 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 74 (3') (H233230-74)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/22/2023	ND	2.09	104	2.00	1.29	
Toluene*	<0.050	0.050	06/22/2023	ND	2.05	103	2.00	1.62	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.03	101	2.00	1.05	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.10	102	6.00	0.0162	
Total BTEX	<0.300	0.300	06/22/2023	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	06/22/2023	ND	400	100	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2023	ND	171	85.7	200	1.04	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	166	83.1	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 107 % 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: 06/22/2023  
 Reported: 06/23/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/19/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 75 (3') (H233230-75)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/22/2023	ND	2.09	104	2.00	1.29	
Toluene*	<0.050	0.050	06/22/2023	ND	2.05	103	2.00	1.62	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.03	101	2.00	1.05	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.10	102	6.00	0.0162	
Total BTEX	<0.300	0.300	06/22/2023	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	06/22/2023	ND	400	100	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2023	ND	171	85.7	200	1.04	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	166	83.1	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 98.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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**Analytical Results For:**

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

Received:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 76 (3') (H233230-76)**

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	06/22/2023	ND	2.09	104	2.00	1.29	
Toluene*	<0.050	0.050	06/22/2023	ND	2.05	103	2.00	1.62	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.03	101	2.00	1.05	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.10	102	6.00	0.0162	
Total BTEX	<0.300	0.300	06/22/2023	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	80.0	16.0	06/22/2023	ND	400	100	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2023	ND	171	85.7	200	1.04	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	166	83.1	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 88.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.2 % 49.1-148

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**Analytical Results For:**

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

Received:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 77 (3') (H233230-77)**

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	06/22/2023	ND	2.09	104	2.00	1.29		
Toluene*	<0.050	0.050	06/22/2023	ND	2.05	103	2.00	1.62		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.03	101	2.00	1.05		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.10	102	6.00	0.0162		
Total BTEX	<0.300	0.300	06/22/2023	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	80.0	16.0	06/22/2023	ND	400	100	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/22/2023	ND	171	85.7	200	1.04		
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	166	83.1	200	4.56		
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND						

Surrogate: 1-Chlorooctane 73.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.7 % 49.1-148

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**Analytical Results For:**

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

Received: 06/22/2023  
 Reported: 06/23/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/19/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 78 (3') (H233230-78)**

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	06/22/2023	ND	2.09	104	2.00	1.29	
Toluene*	<0.050	0.050	06/22/2023	ND	2.05	103	2.00	1.62	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.03	101	2.00	1.05	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.10	102	6.00	0.0162	
Total BTEX	<0.300	0.300	06/22/2023	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
Chloride	80.0	16.0	06/22/2023	ND	400	100	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2023	ND	171	85.7	200	1.04	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	166	83.1	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 77.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.2 % 49.1-148

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**Analytical Results For:**

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

Received:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 79 (3') (H233230-79)**

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	06/22/2023	ND	2.09	104	2.00	1.29	
Toluene*	<0.050	0.050	06/22/2023	ND	2.05	103	2.00	1.62	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.03	101	2.00	1.05	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.10	102	6.00	0.0162	
Total BTEX	<0.300	0.300	06/22/2023	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	06/22/2023	ND	400	100	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2023	ND	171	85.7	200	1.04	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	166	83.1	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 76.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.3 % 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: 06/22/2023  
 Reported: 06/23/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/19/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 80 (3') (H233230-80)**

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	06/22/2023	ND	2.09	104	2.00	1.29	
Toluene*	<0.050	0.050	06/22/2023	ND	2.05	103	2.00	1.62	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.03	101	2.00	1.05	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.10	102	6.00	0.0162	
Total BTEX	<0.300	0.300	06/22/2023	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	06/22/2023	ND	400	100	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2023	ND	171	85.7	200	1.04	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	166	83.1	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 78.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.9 % 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:	06/22/2023	Sampling Date:	06/20/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 81 (3') (H233230-81)**

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	06/22/2023	ND	2.24	112	2.00	2.25	QM-07
Toluene*	<0.050	0.050	06/22/2023	ND	2.22	111	2.00	0.693	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.11	105	2.00	2.72	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.57	110	6.00	1.55	QM-07, QR-03
Total BTEX	<0.300	0.300	06/22/2023	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
<b>Chloride</b>	<b>64.0</b>	16.0	06/22/2023	ND	400	100	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2023	ND	171	85.7	200	1.04	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	166	83.1	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 84.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.8 % 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:	06/22/2023	Sampling Date:	06/20/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 82 (3') (H233230-82)**

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	06/22/2023	ND	2.24	112	2.00	2.25		
Toluene*	<0.050	0.050	06/22/2023	ND	2.22	111	2.00	0.693		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.11	105	2.00	2.72		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.57	110	6.00	1.55		
Total BTEX	<0.300	0.300	06/22/2023	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	432	16.0	06/22/2023	ND	400	100	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/22/2023	ND	171	85.7	200	1.04		
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	166	83.1	200	4.56		
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND						

Surrogate: 1-Chlorooctane 80.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.3 % 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:	06/22/2023	Sampling Date:	06/20/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 83 (3') (H233230-83)**

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	06/22/2023	ND	2.24	112	2.00	2.25		
Toluene*	<0.050	0.050	06/22/2023	ND	2.22	111	2.00	0.693		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.11	105	2.00	2.72		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.57	110	6.00	1.55		
Total BTEX	<0.300	0.300	06/22/2023	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	06/22/2023	ND	400	100	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/22/2023	ND	171	85.7	200	1.04		
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	166	83.1	200	4.56		
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND						

Surrogate: 1-Chlorooctane 83.6 % 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:	06/22/2023	Sampling Date:	06/20/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 84 (3') (H233230-84)**

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	06/22/2023	ND	2.24	112	2.00	2.25		
Toluene*	<0.050	0.050	06/22/2023	ND	2.22	111	2.00	0.693		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.11	105	2.00	2.72		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.57	110	6.00	1.55		
Total BTEX	<0.300	0.300	06/22/2023	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	06/22/2023	ND	400	100	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/22/2023	ND	171	85.7	200	1.04		
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	166	83.1	200	4.56		
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND						

Surrogate: 1-Chlorooctane 77.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.2 % 49.1-148

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**Analytical Results For:**

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

Received:	06/22/2023	Sampling Date:	06/20/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 85 (3') (H233230-85)**

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	06/22/2023	ND	2.24	112	2.00	2.25	
Toluene*	<0.050	0.050	06/22/2023	ND	2.22	111	2.00	0.693	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.11	105	2.00	2.72	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.57	110	6.00	1.55	
Total BTEX	<0.300	0.300	06/22/2023	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	06/22/2023	ND	400	100	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2023	ND	171	85.7	200	1.04	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	166	83.1	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 95.8 % 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:	06/22/2023	Sampling Date:	06/20/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 86 (3') (H233230-86)**

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	06/22/2023	ND	2.24	112	2.00	2.25		
Toluene*	<0.050	0.050	06/22/2023	ND	2.22	111	2.00	0.693		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.11	105	2.00	2.72		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.57	110	6.00	1.55		
Total BTEX	<0.300	0.300	06/22/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/22/2023	ND	400	100	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/22/2023	ND	171	85.7	200	1.04		
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	166	83.1	200	4.56		
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND						

Surrogate: 1-Chlorooctane 96.3 % 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:	06/22/2023	Sampling Date:	06/20/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 87 (3') (H233230-87)**

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	06/22/2023	ND	2.24	112	2.00	2.25		
Toluene*	<0.050	0.050	06/22/2023	ND	2.22	111	2.00	0.693		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.11	105	2.00	2.72		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.57	110	6.00	1.55		
Total BTEX	<0.300	0.300	06/22/2023	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	80.0	16.0	06/22/2023	ND	400	100	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/22/2023	ND	171	85.7	200	1.04		
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	166	83.1	200	4.56		
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND						

Surrogate: 1-Chlorooctane 94.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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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:	06/22/2023	Sampling Date:	06/20/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 88 (3') (H233230-88)**

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	06/22/2023	ND	2.24	112	2.00	2.25		
Toluene*	<0.050	0.050	06/22/2023	ND	2.22	111	2.00	0.693		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.11	105	2.00	2.72		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.57	110	6.00	1.55		
Total BTEX	<0.300	0.300	06/22/2023	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	16.0	16.0	06/22/2023	ND	400	100	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/22/2023	ND	171	85.7	200	1.04		
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	166	83.1	200	4.56		
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND						

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	06/22/2023	Sampling Date:	06/20/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 89 (3') (H233230-89)**

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	06/22/2023	ND	2.24	112	2.00	2.25		
Toluene*	<0.050	0.050	06/22/2023	ND	2.22	111	2.00	0.693		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.11	105	2.00	2.72		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.57	110	6.00	1.55		
Total BTEX	<0.300	0.300	06/22/2023	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	64.0	16.0	06/22/2023	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	06/22/2023	ND	171	85.7	200	1.04		
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	166	83.1	200	4.56		
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND						

Surrogate: 1-Chlorooctane 99.3 % 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:	06/22/2023	Sampling Date:	06/20/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 90 (3') (H233230-90)**

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	06/22/2023	ND	2.24	112	2.00	2.25	
Toluene*	<0.050	0.050	06/22/2023	ND	2.22	111	2.00	0.693	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.11	105	2.00	2.72	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.57	110	6.00	1.55	
Total BTEX	<0.300	0.300	06/22/2023	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	32.0	16.0	06/22/2023	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	06/22/2023	ND	164	82.1	200	1.57	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	173	86.7	200	1.65	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 81.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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.
A-01 Ending CCV failed high. All samples ND.
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: H233230

Page 2 of 13

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"/> Rowfields <input type="checkbox"/> RC <input type="checkbox"/> <input type="checkbox"/> perfund
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
Deliverables: EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	Sidewinder Riser Release	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	
Project Number:	2049	Due Date:	24 Hours		
Project Location:	Lea County, New Mexico				
Sampler's Name:	GF/JKB				
PO #:					
<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"/>
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:			
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Correction Factor:			
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Temperature Reading:			
Total Containers:		Corrected Temperature:			

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST	Preservative Codes	Sample Comments
CS-11 (1.5)	6/19/2023		X		C	1	BTEX 8021B		None: NO	
CS-12 (1.5)	6/19/2023		X		C	1	TPH 8015M ( GRO + DRO + MRO)		DI Water: H <sub>2</sub> O	
CS-13 (3)	6/19/2023		X		C	1	Chloride 4500		Cool: Cool	
CS-14 (3)	6/19/2023		X		C	1			HCL: HC	
CS-15 (3)	6/19/2023		X		C	1			H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	
CS-16 (3)	6/19/2023		X		C	1			H <sub>3</sub> PO <sub>4</sub> : HP	
CS-17 (3)	6/19/2023		X		C	1			NaHSO <sub>4</sub> : NABIS	
CS-18 (3)	6/19/2023		X		C	1			Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>	
CS-19 (3)	6/19/2023		X		C	1			Zn Acetate+NaOH: Zn	
CS-20 (3)	6/19/2023		X		C	1			NaOH+Ascorbic Acid: SAPC	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	6-22-23 0800		

Chain of Custody

Work Order No: 1033230

Page 3 of 13

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"/> Rowfields <input type="checkbox"/> RC <input type="checkbox"/> Refund
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
Deliverables: EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	Sidewinder Riser Release	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Press. Code	
Project Number:	2049	Due Date:	24 Hours		
Project Location:	Lea County, New Mexico				
Sampler's Name:	GP/JKB				
PO #:					
<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"/>
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:			
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:			
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:			
Total Containers:		Corrected Temperature:			

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST	Preservative Codes	Sample Comments
CS-21 (3')	6/19/2023		X		C	1	BTEX 8021B		None: NO	
CS-22 (3')	6/19/2023		X		C	1	TPH 8015M ( GRO + DRO + MRO)		DI Water: H <sub>2</sub> O	
CS-23 (3')	6/19/2023		X		C	1	Chloride 4500		Cool: Cool	
CS-24 (3')	6/19/2023		X		C	1			HCL: HC	
CS-25 (3')	6/19/2023		X		C	1			H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	
CS-26 (3')	6/19/2023		X		C	1			H <sub>3</sub> PO <sub>4</sub> : HP	
CS-27 (3')	6/19/2023		X		C	1			NaHSO <sub>4</sub> : NABIS	
CS-28 (3')	6/19/2023		X		C	1			Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>5</sub>	
CS-29 (3')	6/19/2023		X		C	1			Zn Acetate+NaOH: Zn	
CS-30 (3')	6/19/2023		X		C	1			NaOH+Ascorbic Acid: SAPC	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	6-23-23 0800		

Chain of Custody

Work Order No: 4233230

Page 4 of 13

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

<b>Work Order Comments</b>	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Rowfields <input type="checkbox"/> RC <input type="checkbox"/> Pertund
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
Deliverables: EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	Sidewinder Riser Release	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush
Project Number:	2049	Due Date:	24 Hours
Project Location:	Lea County, New Mexico		
Sampler's Name:	GR/JKB		
PO #:			

<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"/>
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	113	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	-0.0°C	
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	62°C	
Total Containers:		Corrected Temperature:	62°C	

Parameters	Pres. Code	ANALYSIS REQUEST	Preservative Codes
BTEX 8021B			None: NO
TPH 8015M ( GRO + DRO + MRO)			Cool: Cool
Chloride 4500			HCL: HC
			H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub>
			H <sub>3</sub> PO <sub>4</sub> : HP
			NaHSO <sub>4</sub> : NABIS
			Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>
			Zn Acetate+NaOH: Zn
			NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST	Preservative Codes
CS-31 (3)	6/19/2023		X		C	1	X X X	
CS-32 (3)	6/19/2023		X		C	1	X X X	
CS-33 (3)	6/19/2023		X		C	1	X X X	
CS-34 (3)	6/19/2023		X		C	1	X X X	
CS-35 (3)	6/19/2023		X		C	1	X X X	
CS-36 (3)	6/19/2023		X		C	1	X X X	
CS-37 (3)	6/19/2023		X		C	1	X X X	
CS-38 (3)	6/19/2023		X		C	1	X X X	
CS-39 (3)	6/19/2023		X		C	1	X X X	
CS-40 (3)	6/19/2023		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
	6-22-23 0800		



Chain of Custody

Work Order No: 4233230

Page 6 of 13

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"/> rownfields <input type="checkbox"/> RC <input type="checkbox"/> perfund
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
Deliverables: EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	Sirewinder Riser Release	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Press. Code	
Project Number:	2049	Due Date:	24 Hours		
Project Location:	Lea County, New Mexico				
Sampler's Name:	GP/JKB				
PO #:					
<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"/>
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:			
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:			
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:			
Total Containers:		Corrected Temperature:			

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont.	Parameters	ANALYSIS REQUEST	Preservative Codes	Sample Comments
CS-51 (12)	6/19/2023		X		C	1	BTEX 8021B		None: NO	
CS-52 (12)	6/19/2023		X		C	1	TPH 8015M ( GRO + DRO + MRO)		DI Water: H <sub>2</sub> O	
CS-53 (12)	6/19/2023		X		C	1	Chloride 4500		Cool: Cool	
CS-54 (3)	6/19/2023		X		C	1			HCL: HC	
CS-55 (3)	6/19/2023		X		C	1			H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	
CS-56 (3)	6/19/2023		X		C	1			H <sub>3</sub> PO <sub>4</sub> : HP	
CS-57 (3)	6/19/2023		X		C	1			NaHSO <sub>4</sub> : NABIS	
CS-58 (3)	6/19/2023		X		C	1			Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>5</sub>	
CS-59 (3)	6/19/2023		X		C	1			Zn Acetate+NaOH: Zn	
CS-60 (3)	6/19/2023		X		C	1			NaOH+Ascorbic Acid: SAPC	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	6-22-23 0810		



Chain of Custody

Work Order No: A333230

Page 8 of 13

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 79705
Phone:	432-813-6823	Email:	James.Kennedy@eogresources.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> rowfields <input type="checkbox"/> RC <input type="checkbox"/> <input type="checkbox"/> perfund
State of Project:	<input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV
Reporting 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"/> Other:

Project Name:	Sidewinder Riser Release	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Due Date:	24 Hours
Project Number:	2049	Pres. Code			
Project Location:	Lea County, New Mexico	ANALYSIS REQUEST			
Sampler's Name:	GPJKB	Parameters			
PO #:		BTEX 8021B			
SAMPLE RECEIPT		TPH 8015M ( GRO + DRO + MRO)			
Received Intact:	Temp Blank: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Correction Factor:	-0.6%		
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Temperature Reading:	1.9%		
Total Containers:	Corrected Temperature:		Die		

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST	Preservative Codes
CS-71 (3)	6/19/2023		X		C	1	X X X	None: NO DI Water: H <sub>2</sub> O
CS-72 (3)	6/19/2023		X		C	1	X X X	Cool: Cool MeOH: Me
CS-73 (3)	6/19/2023		X		C	1	X X X	HCL: HC HNO <sub>3</sub> : HN
CS-74 (3)	6/19/2023		X		C	1	X X X	H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na
CS-75 (3)	6/19/2023		X		C	1	X X X	H <sub>3</sub> PO <sub>4</sub> : HP
CS-76 (3)	6/19/2023		X		C	1	X X X	NaHSO <sub>4</sub> : NABIS
CS-77 (3)	6/19/2023		X		C	1	X X X	Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NASO <sub>5</sub>
CS-78 (3)	6/19/2023		X		C	1	X X X	Zn Acetate+NaOH: Zn
CS-79 (3)	6/19/2023		X		C	1	X X X	NaOH+Ascorbic Acid: SAPC
CS-80 (3)	6/19/2023		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
	6-22-23 0800		





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

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June 23, 2023

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

RE: SIDEWINDER RISER RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 06/22/23 8:00.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, flowing "C" at the beginning.

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:	06/22/2023	Sampling Date:	06/20/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 91 (3') (H233231-01)**

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	06/22/2023	ND	2.24	112	2.00	2.25		
Toluene*	<0.050	0.050	06/22/2023	ND	2.22	111	2.00	0.693		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.11	105	2.00	2.72		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.57	110	6.00	1.55		
Total BTEX	<0.300	0.300	06/22/2023	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	06/22/2023	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	06/22/2023	ND	164	82.1	200	1.57		
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	173	86.7	200	1.65		
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND						

Surrogate: 1-Chlorooctane 91.0 % 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



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**Analytical Results For:**

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

Received: 06/22/2023  
 Reported: 06/23/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/20/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 92 (3') (H233231-02)**

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	06/22/2023	ND	2.24	112	2.00	2.25		
Toluene*	<0.050	0.050	06/22/2023	ND	2.22	111	2.00	0.693		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.11	105	2.00	2.72		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.57	110	6.00	1.55		
Total BTEX	<0.300	0.300	06/22/2023	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	160	16.0	06/22/2023	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	06/22/2023	ND	164	82.1	200	1.57		
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	173	86.7	200	1.65		
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND						

Surrogate: 1-Chlorooctane 93.6 % 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: 06/22/2023  
 Reported: 06/23/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/20/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 93 (3') (H233231-03)**

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	06/22/2023	ND	2.24	112	2.00	2.25		
Toluene*	<0.050	0.050	06/22/2023	ND	2.22	111	2.00	0.693		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.11	105	2.00	2.72		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.57	110	6.00	1.55		
Total BTEX	<0.300	0.300	06/22/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/22/2023	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	06/22/2023	ND	164	82.1	200	1.57		
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	173	86.7	200	1.65		
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND						

Surrogate: 1-Chlorooctane 88.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.3 % 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: 06/22/2023  
 Reported: 06/23/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/20/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 94 (3') (H233231-04)**

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	06/22/2023	ND	2.24	112	2.00	2.25		
Toluene*	<0.050	0.050	06/22/2023	ND	2.22	111	2.00	0.693		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.11	105	2.00	2.72		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.57	110	6.00	1.55		
Total BTEX	<0.300	0.300	06/22/2023	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	544	16.0	06/22/2023	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	06/22/2023	ND	164	82.1	200	1.57		
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	173	86.7	200	1.65		
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND						

Surrogate: 1-Chlorooctane 93.6 % 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:	06/22/2023	Sampling Date:	06/20/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 95 (3') (H233231-05)**

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	06/22/2023	ND	2.24	112	2.00	2.25		
Toluene*	<0.050	0.050	06/22/2023	ND	2.22	111	2.00	0.693		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.11	105	2.00	2.72		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.57	110	6.00	1.55		
Total BTEX	<0.300	0.300	06/22/2023	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	06/22/2023	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	06/22/2023	ND	164	82.1	200	1.57		
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	173	86.7	200	1.65		
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND						

Surrogate: 1-Chlorooctane 90.0 % 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: 06/22/2023  
 Reported: 06/23/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/20/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 96 (3') (H233231-06)**

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	06/22/2023	ND	2.24	112	2.00	2.25		
Toluene*	<0.050	0.050	06/22/2023	ND	2.22	111	2.00	0.693		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.11	105	2.00	2.72		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.57	110	6.00	1.55		
Total BTEX	<0.300	0.300	06/22/2023	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	
Chloride	48.0	16.0	06/22/2023	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	06/22/2023	ND	164	82.1	200	1.57		
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	173	86.7	200	1.65		
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND						

Surrogate: 1-Chlorooctane 86.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.7 % 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: 06/22/2023  
 Reported: 06/23/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/20/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 97 (3') (H233231-07)**

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	06/22/2023	ND	2.24	112	2.00	2.25		
Toluene*	<0.050	0.050	06/22/2023	ND	2.22	111	2.00	0.693		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.11	105	2.00	2.72		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.57	110	6.00	1.55		
Total BTEX	<0.300	0.300	06/22/2023	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	
Chloride	<16.0	16.0	06/22/2023	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	06/22/2023	ND	164	82.1	200	1.57		
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	173	86.7	200	1.65		
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND						

Surrogate: 1-Chlorooctane 82.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.2 % 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: 06/22/2023  
 Reported: 06/23/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/20/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 98 (3') (H233231-08)**

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	06/22/2023	ND	2.24	112	2.00	2.25	
Toluene*	<0.050	0.050	06/22/2023	ND	2.22	111	2.00	0.693	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.11	105	2.00	2.72	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.57	110	6.00	1.55	
Total BTEX	<0.300	0.300	06/22/2023	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	06/22/2023	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	06/22/2023	ND	164	82.1	200	1.57	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	173	86.7	200	1.65	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 86.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.9 % 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: 06/22/2023  
 Reported: 06/23/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/20/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 99 (3') (H233231-09)**

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	06/22/2023	ND	2.24	112	2.00	2.25		
Toluene*	<0.050	0.050	06/22/2023	ND	2.22	111	2.00	0.693		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.11	105	2.00	2.72		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.57	110	6.00	1.55		
Total BTEX	<0.300	0.300	06/22/2023	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	06/22/2023	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	06/22/2023	ND	164	82.1	200	1.57		
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	173	86.7	200	1.65		
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND						

Surrogate: 1-Chlorooctane 113 % 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: 06/22/2023  
 Reported: 06/23/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/20/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 100 (3') (H233231-10)**

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	06/22/2023	ND	2.24	112	2.00	2.25	
Toluene*	<0.050	0.050	06/22/2023	ND	2.22	111	2.00	0.693	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.11	105	2.00	2.72	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.57	110	6.00	1.55	
Total BTEX	<0.300	0.300	06/22/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	06/22/2023	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	06/22/2023	ND	164	82.1	200	1.57	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	173	86.7	200	1.65	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 78.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.4 % 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: 06/22/2023  
 Reported: 06/23/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/20/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 101 (3') (H233231-11)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/22/2023	ND	2.31	115	2.00	0.243		
Toluene*	<0.050	0.050	06/22/2023	ND	2.30	115	2.00	5.47		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.29	114	2.00	1.10		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.69	112	6.00	1.42		
Total BTEX	<0.300	0.300	06/22/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/22/2023	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	06/22/2023	ND	164	82.1	200	1.57		
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	173	86.7	200	1.65		
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND						

Surrogate: 1-Chlorooctane 75.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.9 % 49.1-148

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**Analytical Results For:**

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

Received: 06/22/2023  
 Reported: 06/23/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/20/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 102 (3') (H233231-12)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/22/2023	ND	2.31	115	2.00	0.243		
Toluene*	<0.050	0.050	06/22/2023	ND	2.30	115	2.00	5.47		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.29	114	2.00	1.10		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.69	112	6.00	1.42		
Total BTEX	<0.300	0.300	06/22/2023	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	06/22/2023	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	06/22/2023	ND	164	82.1	200	1.57		
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	173	86.7	200	1.65		
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND						

Surrogate: 1-Chlorooctane 109 % 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: 06/22/2023  
 Reported: 06/23/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/19/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 103 (3') (H233231-13)**

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	06/22/2023	ND	2.31	115	2.00	0.243		
Toluene*	<0.050	0.050	06/22/2023	ND	2.30	115	2.00	5.47		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.29	114	2.00	1.10		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.69	112	6.00	1.42		
Total BTEX	<0.300	0.300	06/22/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	06/22/2023	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	06/22/2023	ND	164	82.1	200	1.57		
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	173	86.7	200	1.65		
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND						

Surrogate: 1-Chlorooctane 97.1 % 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: 06/22/2023  
 Reported: 06/23/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/19/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 1 (1.5') (H233231-14)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/22/2023	ND	2.31	115	2.00	0.243		
Toluene*	<0.050	0.050	06/22/2023	ND	2.30	115	2.00	5.47		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.29	114	2.00	1.10		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.69	112	6.00	1.42		
Total BTEX	<0.300	0.300	06/22/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/22/2023	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	06/22/2023	ND	164	82.1	200	1.57		
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	173	86.7	200	1.65		
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND						

Surrogate: 1-Chlorooctane 98.2 % 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: 06/22/2023  
 Reported: 06/23/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/19/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 2 (1.5') (H233231-15)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/22/2023	ND	2.31	115	2.00	0.243		
Toluene*	<0.050	0.050	06/22/2023	ND	2.30	115	2.00	5.47		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.29	114	2.00	1.10		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.69	112	6.00	1.42		
Total BTEX	<0.300	0.300	06/22/2023	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	64.0	16.0	06/22/2023	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	06/22/2023	ND	164	82.1	200	1.57		
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	173	86.7	200	1.65		
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND						

Surrogate: 1-Chlorooctane 86.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.2 % 49.1-148

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**Analytical Results For:**

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

Received: 06/22/2023  
 Reported: 06/23/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/19/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 3 (1.5') (H233231-16)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/22/2023	ND	2.31	115	2.00	0.243		
Toluene*	<0.050	0.050	06/22/2023	ND	2.30	115	2.00	5.47		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.29	114	2.00	1.10		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.69	112	6.00	1.42		
Total BTEX	<0.300	0.300	06/22/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/22/2023	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	06/22/2023	ND	164	82.1	200	1.57		
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	173	86.7	200	1.65		
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND						

Surrogate: 1-Chlorooctane 81.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.7 % 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: 06/22/2023  
 Reported: 06/23/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/19/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 4 (3') (H233231-17)**

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	06/22/2023	ND	2.31	115	2.00	0.243		
Toluene*	<0.050	0.050	06/22/2023	ND	2.30	115	2.00	5.47		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.29	114	2.00	1.10		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.69	112	6.00	1.42		
Total BTEX	<0.300	0.300	06/22/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/22/2023	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	06/22/2023	ND	164	82.1	200	1.57		
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	173	86.7	200	1.65		
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND						

Surrogate: 1-Chlorooctane 105 % 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: 06/22/2023  
 Reported: 06/23/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/19/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 5 (9') (H233231-18)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/22/2023	ND	2.31	115	2.00	0.243	
Toluene*	<0.050	0.050	06/22/2023	ND	2.30	115	2.00	5.47	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.29	114	2.00	1.10	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.69	112	6.00	1.42	
Total BTEX	<0.300	0.300	06/22/2023	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	96.0	16.0	06/22/2023	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	06/22/2023	ND	164	82.1	200	1.57	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	173	86.7	200	1.65	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 108 % 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: 06/22/2023  
 Reported: 06/23/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/19/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 6 (12') (H233231-19)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/22/2023	ND	2.31	115	2.00	0.243	
Toluene*	<0.050	0.050	06/22/2023	ND	2.30	115	2.00	5.47	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.29	114	2.00	1.10	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.69	112	6.00	1.42	
Total BTEX	<0.300	0.300	06/22/2023	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	128	16.0	06/22/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2023	ND	164	82.1	200	1.57	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	173	86.7	200	1.65	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 77.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.9 % 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: 06/22/2023  
 Reported: 06/23/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/19/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 7 (12') (H233231-20)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/22/2023	ND	2.31	115	2.00	0.243		
Toluene*	<0.050	0.050	06/22/2023	ND	2.30	115	2.00	5.47		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.29	114	2.00	1.10		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.69	112	6.00	1.42		
Total BTEX	<0.300	0.300	06/22/2023	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	06/22/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/22/2023	ND	164	81.8	200	5.62		
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	161	80.7	200	9.07		
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND						

Surrogate: 1-Chlorooctane 66.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.0 % 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: 06/22/2023  
 Reported: 06/23/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/19/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 8 (9') (H233231-21)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/22/2023	ND	2.31	115	2.00	0.243		
Toluene*	<0.050	0.050	06/22/2023	ND	2.30	115	2.00	5.47		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.29	114	2.00	1.10		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.69	112	6.00	1.42		
Total BTEX	<0.300	0.300	06/22/2023	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	06/22/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/22/2023	ND	164	81.8	200	5.62		
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	161	80.7	200	9.07		
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND						

Surrogate: 1-Chlorooctane 83.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.4 % 49.1-148

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**Analytical Results For:**

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

Received:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: SW - 9 (3') (H233231-22)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/22/2023	ND	2.31	115	2.00	0.243		
Toluene*	<0.050	0.050	06/22/2023	ND	2.30	115	2.00	5.47		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.29	114	2.00	1.10		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.69	112	6.00	1.42		
Total BTEX	<0.300	0.300	06/22/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/22/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/22/2023	ND	164	81.8	200	5.62		
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	161	80.7	200	9.07		
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND						

Surrogate: 1-Chlorooctane 88.8 % 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: 06/22/2023  
 Reported: 06/23/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/19/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 10 (3') (H233231-23)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/22/2023	ND	2.31	115	2.00	0.243		
Toluene*	<0.050	0.050	06/22/2023	ND	2.30	115	2.00	5.47		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.29	114	2.00	1.10		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.69	112	6.00	1.42		
Total BTEX	<0.300	0.300	06/22/2023	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	112	16.0	06/22/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/22/2023	ND	164	81.8	200	5.62		
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	161	80.7	200	9.07		
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND						

Surrogate: 1-Chlorooctane 73.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.0 % 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: 06/22/2023  
 Reported: 06/23/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/19/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 11 (3') (H233231-24)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/22/2023	ND	2.31	115	2.00	0.243	
Toluene*	<0.050	0.050	06/22/2023	ND	2.30	115	2.00	5.47	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.29	114	2.00	1.10	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.69	112	6.00	1.42	
Total BTEX	<0.300	0.300	06/22/2023	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	144	16.0	06/22/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2023	ND	164	81.8	200	5.62	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	161	80.7	200	9.07	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 86.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.1 % 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: 06/22/2023  
 Reported: 06/23/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/19/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 12 (3') (H233231-25)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/22/2023	ND	2.31	115	2.00	0.243	
Toluene*	<0.050	0.050	06/22/2023	ND	2.30	115	2.00	5.47	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.29	114	2.00	1.10	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.69	112	6.00	1.42	
Total BTEX	<0.300	0.300	06/22/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/22/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2023	ND	164	81.8	200	5.62	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	161	80.7	200	9.07	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.4 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/22/2023  
 Reported: 06/23/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/19/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 13 (3') (H233231-26)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/22/2023	ND	2.31	115	2.00	0.243	
Toluene*	<0.050	0.050	06/22/2023	ND	2.30	115	2.00	5.47	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.29	114	2.00	1.10	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.69	112	6.00	1.42	
Total BTEX	<0.300	0.300	06/22/2023	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	06/22/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2023	ND	164	81.8	200	5.62	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	161	80.7	200	9.07	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 88.6 % 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: 06/22/2023  
 Reported: 06/23/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/19/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 14 (3') (H233231-27)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/22/2023	ND	2.31	115	2.00	0.243	
Toluene*	<0.050	0.050	06/22/2023	ND	2.30	115	2.00	5.47	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.29	114	2.00	1.10	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.69	112	6.00	1.42	
Total BTEX	<0.300	0.300	06/22/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/22/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2023	ND	164	81.8	200	5.62	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	161	80.7	200	9.07	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 82.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.5 % 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: 06/22/2023  
 Reported: 06/23/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/19/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 15 (3') (H233231-28)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/22/2023	ND	2.31	115	2.00	0.243		
Toluene*	<0.050	0.050	06/22/2023	ND	2.30	115	2.00	5.47		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.29	114	2.00	1.10		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.69	112	6.00	1.42		
Total BTEX	<0.300	0.300	06/22/2023	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	160	16.0	06/22/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/22/2023	ND	164	81.8	200	5.62		
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	161	80.7	200	9.07		
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND						

Surrogate: 1-Chlorooctane 68.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.9 % 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: 06/22/2023  
 Reported: 06/23/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/19/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 16 (3') (H233231-29)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/22/2023	ND	2.31	115	2.00	0.243		
Toluene*	<0.050	0.050	06/22/2023	ND	2.30	115	2.00	5.47		
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.29	114	2.00	1.10		
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.69	112	6.00	1.42		
Total BTEX	<0.300	0.300	06/22/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/22/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/22/2023	ND	164	81.8	200	5.62		
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	161	80.7	200	9.07		
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND						

Surrogate: 1-Chlorooctane 90.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.6 % 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: 06/22/2023  
 Reported: 06/23/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/19/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 17 (3') (H233231-30)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/22/2023	ND	2.31	115	2.00	0.243	
Toluene*	<0.050	0.050	06/22/2023	ND	2.30	115	2.00	5.47	
Ethylbenzene*	<0.050	0.050	06/22/2023	ND	2.29	114	2.00	1.10	
Total Xylenes*	<0.150	0.150	06/22/2023	ND	6.69	112	6.00	1.42	
Total BTEX	<0.300	0.300	06/22/2023	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	06/22/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2023	ND	164	81.8	200	5.62	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	161	80.7	200	9.07	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 73.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.1 % 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:	06/22/2023	Sampling Date:	06/19/2023
Reported:	06/23/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: SW - 18 (3') (H233231-31)**

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	06/23/2023	ND	2.15	107	2.00	1.10	
Toluene*	<0.050	0.050	06/23/2023	ND	2.09	105	2.00	0.169	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	2.08	104	2.00	0.865	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	6.32	105	6.00	0.914	
Total BTEX	<0.300	0.300	06/23/2023	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	06/22/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2023	ND	164	81.8	200	5.62	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	161	80.7	200	9.07	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 84.1 % 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: 06/22/2023  
 Reported: 06/23/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/19/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 19 (3') (H233231-32)**

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	06/23/2023	ND	2.15	107	2.00	1.10	
Toluene*	<0.050	0.050	06/23/2023	ND	2.09	105	2.00	0.169	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	2.08	104	2.00	0.865	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	6.32	105	6.00	0.914	
Total BTEX	<0.300	0.300	06/23/2023	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
Chloride	32.0	16.0	06/22/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2023	ND	164	81.8	200	5.62	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	161	80.7	200	9.07	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 90.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.1 % 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: 06/22/2023  
 Reported: 06/23/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/19/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 20 (3') (H233231-33)**

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	06/23/2023	ND	2.15	107	2.00	1.10	
Toluene*	<0.050	0.050	06/23/2023	ND	2.09	105	2.00	0.169	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	2.08	104	2.00	0.865	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	6.32	105	6.00	0.914	
Total BTEX	<0.300	0.300	06/23/2023	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
Chloride	32.0	16.0	06/22/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2023	ND	164	81.8	200	5.62	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	161	80.7	200	9.07	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 96.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 06/22/2023  
 Reported: 06/23/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/19/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 21 (3') (H233231-34)**

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	06/23/2023	ND	2.15	107	2.00	1.10	
Toluene*	<0.050	0.050	06/23/2023	ND	2.09	105	2.00	0.169	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	2.08	104	2.00	0.865	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	6.32	105	6.00	0.914	
Total BTEX	<0.300	0.300	06/23/2023	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	06/22/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2023	ND	164	81.8	200	5.62	
DRO >C10-C28*	<10.0	10.0	06/22/2023	ND	161	80.7	200	9.07	
EXT DRO >C28-C36	<10.0	10.0	06/22/2023	ND					

Surrogate: 1-Chlorooctane 97.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
A-01 Ending CCV failed high. All samples ND.
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:

12333231

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"/> Rowfields	<input type="checkbox"/> RC	<input type="checkbox"/> Depthund
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"/> Other:		

Project Name:	Sidewinder Riser Release	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Turn Around	Press. Code	
Project Number:	2049	Due Date:	24 Hours		
Project Location:	Lea County, New Mexico				
Sampler's Name:	GP/JKB				
PO #:					

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST	Preservative Codes	Sample Comments
CS-101 (3)	6/20/2023		X		C	1	BTEX 8021B		None: NO	
CS-102 (3)	6/20/2023		X		C	1	TPH 8015M ( GRO + DRO + MRO)		DI Water: H <sub>2</sub> O	
CS-103 (3)	6/19/2023		X		C	1	Chloride 4500		Cool: Cool	
SW-1 (1.5)	6/19/2023		X		C	1			HCL: HC	
SW-2 (1.5)	6/19/2023		X		C	1			H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	
SW-3 (1.5)	6/19/2023		X		C	1			H <sub>3</sub> PO <sub>4</sub> : HP	
SW-4 (3)	6/19/2023		X		C	1			NaHSO <sub>4</sub> : NABIS	
SW-5 (9)	6/19/2023		X		C	1			Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub>	
SW-6 (12)	6/19/2023		X		C	1			Zn Acetate+NaOH: Zn	
SW-7 (12)	6/19/2023		X		C	1			NaOH+Ascorbic Acid: SAPC	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	6/23 0800		







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July 05, 2023

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

RE: SIDEWINDER RISER RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 07/03/23 9:01.

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



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**Analytical Results For:**

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

Received:	07/03/2023	Sampling Date:	06/28/2023
Reported:	07/05/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 104 (3') (H233403-01)**

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	07/03/2023	ND	2.05	103	2.00	4.13	
Toluene*	<0.050	0.050	07/03/2023	ND	2.01	100	2.00	3.49	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	1.95	97.5	2.00	3.87	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	5.87	97.8	6.00	3.90	
Total BTEX	<0.300	0.300	07/03/2023	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>240</b>	16.0	07/03/2023	ND	416	104	400	7.41	

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	07/03/2023	ND	218	109	200	5.49		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	224	112	200	7.23		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 144 % 48.2-134

Surrogate: 1-Chlorooctadecane 143 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 105 (3') (H233403-02)**

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	07/03/2023	ND	2.05	103	2.00	4.13		
Toluene*	<0.050	0.050	07/03/2023	ND	2.01	100	2.00	3.49		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	1.95	97.5	2.00	3.87		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	5.87	97.8	6.00	3.90		
Total BTEX	<0.300	0.300	07/03/2023	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	
Chloride	<16.0	16.0	07/03/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	218	109	200	5.49		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	224	112	200	7.23		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 124 % 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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**Analytical Results For:**

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

Received: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 106 (3') (H233403-03)**

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	07/03/2023	ND	2.05	103	2.00	4.13	
Toluene*	<0.050	0.050	07/03/2023	ND	2.01	100	2.00	3.49	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	1.95	97.5	2.00	3.87	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	5.87	97.8	6.00	3.90	
Total BTEX	<0.300	0.300	07/03/2023	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	07/03/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	218	109	200	5.49	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	224	112	200	7.23	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 107 (3') (H233403-04)**

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	07/03/2023	ND	2.05	103	2.00	4.13	
Toluene*	<0.050	0.050	07/03/2023	ND	2.01	100	2.00	3.49	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	1.95	97.5	2.00	3.87	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	5.87	97.8	6.00	3.90	
Total BTEX	<0.300	0.300	07/03/2023	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	80.0	16.0	07/03/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	218	109	200	5.49	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	224	112	200	7.23	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 108 (3') (H233403-05)**

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	07/03/2023	ND	2.05	103	2.00	4.13	
Toluene*	<0.050	0.050	07/03/2023	ND	2.01	100	2.00	3.49	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	1.95	97.5	2.00	3.87	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	5.87	97.8	6.00	3.90	
Total BTEX	<0.300	0.300	07/03/2023	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	07/03/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	218	109	200	5.49	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	224	112	200	7.23	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 125 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 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:	07/03/2023	Sampling Date:	06/28/2023
Reported:	07/05/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 109 (3') (H233403-06)**

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	07/03/2023	ND	2.05	103	2.00	4.13	
Toluene*	<0.050	0.050	07/03/2023	ND	2.01	100	2.00	3.49	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	1.95	97.5	2.00	3.87	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	5.87	97.8	6.00	3.90	
Total BTEX	<0.300	0.300	07/03/2023	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	07/03/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	218	109	200	5.49	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	224	112	200	7.23	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 105 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 110 (3') (H233403-07)**

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	07/03/2023	ND	2.05	103	2.00	4.13	
Toluene*	<0.050	0.050	07/03/2023	ND	2.01	100	2.00	3.49	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	1.95	97.5	2.00	3.87	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	5.87	97.8	6.00	3.90	
Total BTEX	<0.300	0.300	07/03/2023	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	96.0	16.0	07/03/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	218	109	200	5.49	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	224	112	200	7.23	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 122 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 111 (3') (H233403-08)**

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	07/03/2023	ND	2.05	103	2.00	4.13	
Toluene*	<0.050	0.050	07/03/2023	ND	2.01	100	2.00	3.49	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	1.95	97.5	2.00	3.87	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	5.87	97.8	6.00	3.90	
Total BTEX	<0.300	0.300	07/03/2023	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	07/03/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	218	109	200	5.49	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	224	112	200	7.23	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 110 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 112 (3') (H233403-09)**

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	07/03/2023	ND	2.20	110	2.00	6.47		
Toluene*	<0.050	0.050	07/03/2023	ND	2.19	109	2.00	6.63		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.09	104	2.00	6.60		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.47	108	6.00	6.41		
Total BTEX	<0.300	0.300	07/03/2023	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	07/03/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	218	109	200	5.49		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	224	112	200	7.23		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 96.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 49.1-148

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**Analytical Results For:**

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

Received: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 113 (3') (H233403-10)**

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	07/03/2023	ND	2.20	110	2.00	6.47		
Toluene*	<0.050	0.050	07/03/2023	ND	2.19	109	2.00	6.63		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.09	104	2.00	6.60		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.47	108	6.00	6.41		
Total BTEX	<0.300	0.300	07/03/2023	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	816	16.0	07/03/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	218	109	200	5.49		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	224	112	200	7.23		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 104 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 114 (3') (H233403-11)**

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	07/03/2023	ND	2.20	110	2.00	6.47	
Toluene*	<0.050	0.050	07/03/2023	ND	2.19	109	2.00	6.63	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.09	104	2.00	6.60	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.47	108	6.00	6.41	
Total BTEX	<0.300	0.300	07/03/2023	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	64.0	16.0	07/03/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	218	109	200	5.49	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	224	112	200	7.23	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 100 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 115 (3') (H233403-12)**

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	07/03/2023	ND	2.20	110	2.00	6.47	
Toluene*	<0.050	0.050	07/03/2023	ND	2.19	109	2.00	6.63	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.09	104	2.00	6.60	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.47	108	6.00	6.41	
Total BTEX	<0.300	0.300	07/03/2023	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	07/03/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	218	109	200	5.49	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	224	112	200	7.23	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 94.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.6 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 116 (3') (H233403-13)**

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	07/03/2023	ND	2.20	110	2.00	6.47		
Toluene*	<0.050	0.050	07/03/2023	ND	2.19	109	2.00	6.63		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.09	104	2.00	6.60		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.47	108	6.00	6.41		
Total BTEX	<0.300	0.300	07/03/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	07/03/2023	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	07/03/2023	ND	218	109	200	5.49		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	224	112	200	7.23		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 117 (3') (H233403-14)**

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	07/03/2023	ND	2.20	110	2.00	6.47		
Toluene*	<0.050	0.050	07/03/2023	ND	2.19	109	2.00	6.63		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.09	104	2.00	6.60		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.47	108	6.00	6.41		
Total BTEX	<0.300	0.300	07/03/2023	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	32.0	16.0	07/03/2023	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	07/03/2023	ND	218	109	200	5.49		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	224	112	200	7.23		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 124 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 118 (3') (H233403-15)**

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	07/03/2023	ND	2.20	110	2.00	6.47	
Toluene*	<0.050	0.050	07/03/2023	ND	2.19	109	2.00	6.63	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.09	104	2.00	6.60	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.47	108	6.00	6.41	
Total BTEX	<0.300	0.300	07/03/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	07/03/2023	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	07/03/2023	ND	218	109	200	5.49	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	224	112	200	7.23	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 117 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 119 (3') (H233403-16)**

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	07/03/2023	ND	2.20	110	2.00	6.47	
Toluene*	<0.050	0.050	07/03/2023	ND	2.19	109	2.00	6.63	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.09	104	2.00	6.60	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.47	108	6.00	6.41	
Total BTEX	<0.300	0.300	07/03/2023	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	48.0	16.0	07/03/2023	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	07/03/2023	ND	218	109	200	5.49	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	224	112	200	7.23	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 126 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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**Analytical Results For:**

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

Received: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 120 (3') (H233403-17)**

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	07/03/2023	ND	2.20	110	2.00	6.47		
Toluene*	<0.050	0.050	07/03/2023	ND	2.19	109	2.00	6.63		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.09	104	2.00	6.60		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.47	108	6.00	6.41		
Total BTEX	<0.300	0.300	07/03/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/03/2023	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	07/03/2023	ND	167	83.4	200	3.88		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	150	74.8	200	7.99		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 96.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.7 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 121 (3') (H233403-18)**

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	07/03/2023	ND	2.20	110	2.00	6.47		
Toluene*	<0.050	0.050	07/03/2023	ND	2.19	109	2.00	6.63		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.09	104	2.00	6.60		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.47	108	6.00	6.41		
Total BTEX	<0.300	0.300	07/03/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/03/2023	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	07/03/2023	ND	167	83.4	200	3.88		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	150	74.8	200	7.99		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 109 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 122 (3') (H233403-19)**

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	07/03/2023	ND	2.20	110	2.00	6.47		
Toluene*	<0.050	0.050	07/03/2023	ND	2.19	109	2.00	6.63		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.09	104	2.00	6.60		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.47	108	6.00	6.41		
Total BTEX	<0.300	0.300	07/03/2023	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	48.0	16.0	07/03/2023	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	07/03/2023	ND	167	83.4	200	3.88		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	150	74.8	200	7.99		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 88.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.9 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 123 (3') (H233403-20)**

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	07/03/2023	ND	2.20	110	2.00	6.47		
Toluene*	<0.050	0.050	07/03/2023	ND	2.19	109	2.00	6.63		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.09	104	2.00	6.60		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.47	108	6.00	6.41		
Total BTEX	<0.300	0.300	07/03/2023	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	48.0	16.0	07/03/2023	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	07/03/2023	ND	167	83.4	200	3.88		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	150	74.8	200	7.99		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 109 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 124 (3') (H233403-21)**

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	07/03/2023	ND	1.93	96.7	2.00	6.94	
Toluene*	<0.050	0.050	07/03/2023	ND	1.88	93.8	2.00	5.90	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	1.99	99.5	2.00	5.44	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.06	101	6.00	4.15	
Total BTEX	<0.300	0.300	07/03/2023	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
Chloride	32.0	16.0	07/03/2023	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	07/03/2023	ND	167	83.4	200	3.88	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	150	74.8	200	7.99	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 103 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 125 (3') (H233403-22)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/03/2023	ND	1.93	96.7	2.00	6.94		
Toluene*	<0.050	0.050	07/03/2023	ND	1.88	93.8	2.00	5.90		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	1.99	99.5	2.00	5.44		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.06	101	6.00	4.15		
Total BTEX	<0.300	0.300	07/03/2023	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	
Chloride	32.0	16.0	07/03/2023	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	07/03/2023	ND	167	83.4	200	3.88		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	150	74.8	200	7.99		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 126 (3') (H233403-23)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/03/2023	ND	1.93	96.7	2.00	6.94	
Toluene*	<0.050	0.050	07/03/2023	ND	1.88	93.8	2.00	5.90	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	1.99	99.5	2.00	5.44	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.06	101	6.00	4.15	
Total BTEX	<0.300	0.300	07/03/2023	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	32.0	16.0	07/03/2023	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	07/03/2023	ND	167	83.4	200	3.88	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	150	74.8	200	7.99	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 105 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 127 (3') (H233403-24)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/03/2023	ND	1.93	96.7	2.00	6.94	
Toluene*	<0.050	0.050	07/03/2023	ND	1.88	93.8	2.00	5.90	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	1.99	99.5	2.00	5.44	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.06	101	6.00	4.15	
Total BTEX	<0.300	0.300	07/03/2023	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	64.0	16.0	07/03/2023	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	07/03/2023	ND	167	83.4	200	3.88	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	150	74.8	200	7.99	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 109 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 128 (3') (H233403-25)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/03/2023	ND	1.93	96.7	2.00	6.94	
Toluene*	<0.050	0.050	07/03/2023	ND	1.88	93.8	2.00	5.90	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	1.99	99.5	2.00	5.44	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.06	101	6.00	4.15	
Total BTEX	<0.300	0.300	07/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	07/03/2023	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	07/03/2023	ND	167	83.4	200	3.88	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	150	74.8	200	7.99	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 106 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 129 (3') (H233403-26)**

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	07/03/2023	ND	1.93	96.7	2.00	6.94		
Toluene*	<0.050	0.050	07/03/2023	ND	1.88	93.8	2.00	5.90		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	1.99	99.5	2.00	5.44		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.06	101	6.00	4.15		
Total BTEX	<0.300	0.300	07/03/2023	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	32.0	16.0	07/03/2023	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	07/03/2023	ND	167	83.4	200	3.88		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	150	74.8	200	7.99		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 107 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 130 (3') (H233403-27)**

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	07/03/2023	ND	1.93	96.7	2.00	6.94	
Toluene*	<0.050	0.050	07/03/2023	ND	1.88	93.8	2.00	5.90	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	1.99	99.5	2.00	5.44	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.06	101	6.00	4.15	
Total BTEX	<0.300	0.300	07/03/2023	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
Chloride	16.0	16.0	07/03/2023	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	07/03/2023	ND	167	83.4	200	3.88	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	150	74.8	200	7.99	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 97.6 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 131 (3') (H233403-28)**

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	07/03/2023	ND	1.93	96.7	2.00	6.94		
Toluene*	<0.050	0.050	07/03/2023	ND	1.88	93.8	2.00	5.90		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	1.99	99.5	2.00	5.44		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.06	101	6.00	4.15		
Total BTEX	<0.300	0.300	07/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	07/03/2023	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	07/03/2023	ND	167	83.4	200	3.88		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	150	74.8	200	7.99		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 115 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 132 (3') (H233403-29)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/03/2023	ND	1.93	96.7	2.00	6.94		
Toluene*	<0.050	0.050	07/03/2023	ND	1.88	93.8	2.00	5.90		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	1.99	99.5	2.00	5.44		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.06	101	6.00	4.15		
Total BTEX	<0.300	0.300	07/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/03/2023	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	07/03/2023	ND	167	83.4	200	3.88		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	150	74.8	200	7.99		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 115 % 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:	07/03/2023	Sampling Date:	06/28/2023
Reported:	07/05/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 133 (3') (H233403-30)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/03/2023	ND	1.93	96.7	2.00	6.94	
Toluene*	<0.050	0.050	07/03/2023	ND	1.88	93.8	2.00	5.90	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	1.99	99.5	2.00	5.44	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.06	101	6.00	4.15	
Total BTEX	<0.300	0.300	07/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	07/03/2023	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	07/03/2023	ND	167	83.4	200	3.88	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	150	74.8	200	7.99	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 113 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 134 (3') (H233403-31)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/03/2023	ND	1.93	96.7	2.00	6.94	
Toluene*	<0.050	0.050	07/03/2023	ND	1.88	93.8	2.00	5.90	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	1.99	99.5	2.00	5.44	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.06	101	6.00	4.15	
Total BTEX	<0.300	0.300	07/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	07/03/2023	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	07/03/2023	ND	167	83.4	200	3.88	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	150	74.8	200	7.99	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 135 (3') (H233403-32)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/03/2023	ND	1.93	96.7	2.00	6.94	
Toluene*	<0.050	0.050	07/03/2023	ND	1.88	93.8	2.00	5.90	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	1.99	99.5	2.00	5.44	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.06	101	6.00	4.15	
Total BTEX	<0.300	0.300	07/03/2023	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
Chloride	32.0	16.0	07/03/2023	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	07/03/2023	ND	167	83.4	200	3.88	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	150	74.8	200	7.99	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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**Analytical Results For:**

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

Received: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 136 (3') (H233403-33)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/03/2023	ND	1.93	96.7	2.00	6.94		
Toluene*	<0.050	0.050	07/03/2023	ND	1.88	93.8	2.00	5.90		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	1.99	99.5	2.00	5.44		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.06	101	6.00	4.15		
Total BTEX	<0.300	0.300	07/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	07/03/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	167	83.4	200	3.88		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	150	74.8	200	7.99		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 105 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 137 (3') (H233403-34)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/03/2023	ND	1.93	96.7	2.00	6.94	
Toluene*	<0.050	0.050	07/03/2023	ND	1.88	93.8	2.00	5.90	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	1.99	99.5	2.00	5.44	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.06	101	6.00	4.15	
Total BTEX	<0.300	0.300	07/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	07/03/2023	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	167	83.4	200	3.88	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	150	74.8	200	7.99	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 111 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 138 (3') (H233403-35)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/03/2023	ND	1.93	96.7	2.00	6.94	
Toluene*	<0.050	0.050	07/03/2023	ND	1.88	93.8	2.00	5.90	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	1.99	99.5	2.00	5.44	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.06	101	6.00	4.15	
Total BTEX	<0.300	0.300	07/03/2023	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	224	16.0	07/03/2023	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	167	83.4	200	3.88	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	150	74.8	200	7.99	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 105 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 139 (3') (H233403-36)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/03/2023	ND	1.93	96.7	2.00	6.94		
Toluene*	<0.050	0.050	07/03/2023	ND	1.88	93.8	2.00	5.90		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	1.99	99.5	2.00	5.44		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.06	101	6.00	4.15		
Total BTEX	<0.300	0.300	07/03/2023	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	07/03/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	167	83.4	200	3.88		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	150	74.8	200	7.99		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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**Analytical Results For:**

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

Received: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 140 (3') (H233403-37)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/03/2023	ND	1.93	96.7	2.00	6.94		
Toluene*	<0.050	0.050	07/03/2023	ND	1.88	93.8	2.00	5.90		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	1.99	99.5	2.00	5.44		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.06	101	6.00	4.15		
Total BTEX	<0.300	0.300	07/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	07/03/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	176	87.8	200	4.37		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	162	80.8	200	4.42		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Received: 07/03/2023  
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 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 141 (3') (H233403-38)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/03/2023	ND	1.93	96.7	2.00	6.94	
Toluene*	<0.050	0.050	07/03/2023	ND	1.88	93.8	2.00	5.90	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	1.99	99.5	2.00	5.44	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.06	101	6.00	4.15	
Total BTEX	<0.300	0.300	07/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	07/03/2023	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	176	87.8	200	4.37	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	162	80.8	200	4.42	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 99.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.4 % 49.1-148

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**Analytical Results For:**

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

Received: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 142 (3') (H233403-39)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/03/2023	ND	1.93	96.7	2.00	6.94	
Toluene*	<0.050	0.050	07/03/2023	ND	1.88	93.8	2.00	5.90	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	1.99	99.5	2.00	5.44	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.06	101	6.00	4.15	
Total BTEX	<0.300	0.300	07/03/2023	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	32.0	16.0	07/03/2023	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	176	87.8	200	4.37	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	162	80.8	200	4.42	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 143 (3') (H233403-40)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/03/2023	ND	1.93	96.7	2.00	6.94	
Toluene*	<0.050	0.050	07/03/2023	ND	1.88	93.8	2.00	5.90	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	1.99	99.5	2.00	5.44	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.06	101	6.00	4.15	
Total BTEX	<0.300	0.300	07/03/2023	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	32.0	16.0	07/03/2023	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	176	87.8	200	4.37	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	162	80.8	200	4.42	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 88.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.4 % 49.1-148

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**Analytical Results For:**

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

Received: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 144 (3') (H233403-41)**

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	07/03/2023	ND	1.96	97.8	2.00	2.92	
Toluene*	<0.050	0.050	07/03/2023	ND	2.13	107	2.00	3.41	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.29	115	2.00	4.33	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	7.10	118	6.00	5.27	
Total BTEX	<0.300	0.300	07/03/2023	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	07/03/2023	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	176	87.8	200	4.37	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	162	80.8	200	4.42	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.2 % 49.1-148

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**Analytical Results For:**

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

Received: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 145 (3') (H233403-42)**

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	07/03/2023	ND	1.96	97.8	2.00	2.92		
Toluene*	<0.050	0.050	07/03/2023	ND	2.13	107	2.00	3.41		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.29	115	2.00	4.33		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	7.10	118	6.00	5.27		
Total BTEX	<0.300	0.300	07/03/2023	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	80.0	16.0	07/03/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	176	87.8	200	4.37		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	162	80.8	200	4.42		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 109 % 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:	07/03/2023	Sampling Date:	06/28/2023
Reported:	07/05/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 146 (3') (H233403-43)**

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	07/03/2023	ND	1.96	97.8	2.00	2.92		
Toluene*	<0.050	0.050	07/03/2023	ND	2.13	107	2.00	3.41		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.29	115	2.00	4.33		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	7.10	118	6.00	5.27		
Total BTEX	<0.300	0.300	07/03/2023	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	32.0	16.0	07/03/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	176	87.8	200	4.37		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	162	80.8	200	4.42		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 110 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 147 (3') (H233403-44)**

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	07/03/2023	ND	1.96	97.8	2.00	2.92		
Toluene*	<0.050	0.050	07/03/2023	ND	2.13	107	2.00	3.41		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.29	115	2.00	4.33		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	7.10	118	6.00	5.27		
Total BTEX	<0.300	0.300	07/03/2023	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	<16.0	16.0	07/03/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	176	87.8	200	4.37		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	162	80.8	200	4.42		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 110 % 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:	07/03/2023	Sampling Date:	06/28/2023
Reported:	07/05/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 148 (3') (H233403-45)**

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	07/03/2023	ND	1.96	97.8	2.00	2.92	
Toluene*	<0.050	0.050	07/03/2023	ND	2.13	107	2.00	3.41	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.29	115	2.00	4.33	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	7.10	118	6.00	5.27	
Total BTEX	<0.300	0.300	07/03/2023	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	07/03/2023	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	176	87.8	200	4.37	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	162	80.8	200	4.42	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.8 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 149 (3') (H233403-46)**

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	07/03/2023	ND	1.96	97.8	2.00	2.92	
Toluene*	<0.050	0.050	07/03/2023	ND	2.13	107	2.00	3.41	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.29	115	2.00	4.33	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	7.10	118	6.00	5.27	
Total BTEX	<0.300	0.300	07/03/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/03/2023	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	176	87.8	200	4.37	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	162	80.8	200	4.42	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 86.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.3 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 150 (3') (H233403-47)**

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	07/03/2023	ND	1.96	97.8	2.00	2.92		
Toluene*	<0.050	0.050	07/03/2023	ND	2.13	107	2.00	3.41		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.29	115	2.00	4.33		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	7.10	118	6.00	5.27		
Total BTEX	<0.300	0.300	07/03/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/03/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	176	87.8	200	4.37		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	162	80.8	200	4.42		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 151 (3') (H233403-48)**

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	07/03/2023	ND	1.96	97.8	2.00	2.92	
Toluene*	<0.050	0.050	07/03/2023	ND	2.13	107	2.00	3.41	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.29	115	2.00	4.33	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	7.10	118	6.00	5.27	
Total BTEX	<0.300	0.300	07/03/2023	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	32.0	16.0	07/03/2023	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	176	87.8	200	4.37	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	162	80.8	200	4.42	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 98.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.0 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 152 (3') (H233403-49)**

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	07/03/2023	ND	1.96	97.8	2.00	2.92		
Toluene*	<0.050	0.050	07/03/2023	ND	2.13	107	2.00	3.41		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.29	115	2.00	4.33		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	7.10	118	6.00	5.27		
Total BTEX	<0.300	0.300	07/03/2023	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	400	16.0	07/03/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	176	87.8	200	4.37		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	162	80.8	200	4.42		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 111 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 153 (3') (H233403-50)**

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	07/03/2023	ND	1.96	97.8	2.00	2.92	
Toluene*	<0.050	0.050	07/03/2023	ND	2.13	107	2.00	3.41	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.29	115	2.00	4.33	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	7.10	118	6.00	5.27	
Total BTEX	<0.300	0.300	07/03/2023	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	07/03/2023	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	176	87.8	200	4.37	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	162	80.8	200	4.42	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 112 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 154 (3') (H233403-51)**

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	07/03/2023	ND	1.96	97.8	2.00	2.92		
Toluene*	<0.050	0.050	07/03/2023	ND	2.13	107	2.00	3.41		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.29	115	2.00	4.33		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	7.10	118	6.00	5.27		
Total BTEX	<0.300	0.300	07/03/2023	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	224	16.0	07/03/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	176	87.8	200	4.37		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	162	80.8	200	4.42		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 99.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.5 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 155 (3') (H233403-52)**

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	07/03/2023	ND	1.96	97.8	2.00	2.92		
Toluene*	<0.050	0.050	07/03/2023	ND	2.13	107	2.00	3.41		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.29	115	2.00	4.33		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	7.10	118	6.00	5.27		
Total BTEX	<0.300	0.300	07/03/2023	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	1020	16.0	07/03/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	176	87.8	200	4.37		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	162	80.8	200	4.42		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.9 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 156 (3') (H233403-53)**

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	07/03/2023	ND	1.96	97.8	2.00	2.92	
Toluene*	<0.050	0.050	07/03/2023	ND	2.13	107	2.00	3.41	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.29	115	2.00	4.33	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	7.10	118	6.00	5.27	
Total BTEX	<0.300	0.300	07/03/2023	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	64.0	16.0	07/03/2023	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	07/03/2023	ND	176	87.8	200	4.37	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	162	80.8	200	4.42	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.7 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 157 (3') (H233403-54)**

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	07/03/2023	ND	1.96	97.8	2.00	2.92		
Toluene*	<0.050	0.050	07/03/2023	ND	2.13	107	2.00	3.41		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.29	115	2.00	4.33		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	7.10	118	6.00	5.27		
Total BTEX	<0.300	0.300	07/03/2023	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	07/03/2023	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	07/03/2023	ND	176	87.8	200	4.37		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	162	80.8	200	4.42		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 89.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.3 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 158 (3') (H233403-55)**

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	07/03/2023	ND	1.96	97.8	2.00	2.92	
Toluene*	<0.050	0.050	07/03/2023	ND	2.13	107	2.00	3.41	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.29	115	2.00	4.33	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	7.10	118	6.00	5.27	
Total BTEX	<0.300	0.300	07/03/2023	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	07/03/2023	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	07/03/2023	ND	176	87.8	200	4.37	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	162	80.8	200	4.42	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 108 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 159 (3') (H233403-56)**

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	07/03/2023	ND	1.96	97.8	2.00	2.92	
Toluene*	<0.050	0.050	07/03/2023	ND	2.13	107	2.00	3.41	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.29	115	2.00	4.33	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	7.10	118	6.00	5.27	
Total BTEX	<0.300	0.300	07/03/2023	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	176	16.0	07/03/2023	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	07/03/2023	ND	176	87.8	200	4.37	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	162	80.8	200	4.42	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.5 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 160 (3') (H233403-57)**

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	07/03/2023	ND	1.96	97.8	2.00	2.92		
Toluene*	<0.050	0.050	07/03/2023	ND	2.13	107	2.00	3.41		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.29	115	2.00	4.33		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	7.10	118	6.00	5.27		
Total BTEX	<0.300	0.300	07/03/2023	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	3920	16.0	07/03/2023	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	07/03/2023	ND	172	86.1	200	0.863		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	168	83.8	200	0.771		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 93.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.2 % 49.1-148

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**Analytical Results For:**

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

Received: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 161 (3') (H233403-58)**

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	07/03/2023	ND	1.96	97.8	2.00	2.92		
Toluene*	<0.050	0.050	07/03/2023	ND	2.13	107	2.00	3.41		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.29	115	2.00	4.33		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	7.10	118	6.00	5.27		
Total BTEX	<0.300	0.300	07/03/2023	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	07/03/2023	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	07/03/2023	ND	172	86.1	200	0.863		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	168	83.8	200	0.771		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 92.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.2 % 49.1-148

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**Analytical Results For:**

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

Received: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 162 (3') (H233403-59)**

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	07/03/2023	ND	1.96	97.8	2.00	2.92		
Toluene*	<0.050	0.050	07/03/2023	ND	2.13	107	2.00	3.41		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.29	115	2.00	4.33		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	7.10	118	6.00	5.27		
Total BTEX	<0.300	0.300	07/03/2023	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	144	16.0	07/03/2023	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	07/03/2023	ND	172	86.1	200	0.863		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	168	83.8	200	0.771		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 86.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.9 % 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:	07/03/2023	Sampling Date:	06/28/2023
Reported:	07/05/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 163 (12') (H233403-60)**

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	07/03/2023	ND	1.96	97.8	2.00	2.92		
Toluene*	<0.050	0.050	07/03/2023	ND	2.13	107	2.00	3.41		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.29	115	2.00	4.33		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	7.10	118	6.00	5.27		
Total BTEX	<0.300	0.300	07/03/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/03/2023	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	07/03/2023	ND	172	86.1	200	0.863		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	168	83.8	200	0.771		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 81.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.2 % 49.1-148

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**Analytical Results For:**

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

Received: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 164 (12') (H233403-61)**

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	07/03/2023	ND	2.12	106	2.00	0.732	
Toluene*	<0.050	0.050	07/03/2023	ND	2.09	104	2.00	0.125	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.05	103	2.00	0.801	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.19	103	6.00	0.200	
Total BTEX	<0.300	0.300	07/03/2023	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	1870	16.0	07/03/2023	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	07/03/2023	ND	172	86.1	200	0.863	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	168	83.8	200	0.771	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.2 % 49.1-148

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**Analytical Results For:**

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

Received: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 165 (10') (H233403-62)**

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	07/03/2023	ND	2.12	106	2.00	0.732	
Toluene*	<0.050	0.050	07/03/2023	ND	2.09	104	2.00	0.125	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.05	103	2.00	0.801	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.19	103	6.00	0.200	
Total BTEX	<0.300	0.300	07/03/2023	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	5520	16.0	07/03/2023	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	07/03/2023	ND	172	86.1	200	0.863	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	168	83.8	200	0.771	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 85.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.4 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 166 (10') (H233403-63)**

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	07/03/2023	ND	2.12	106	2.00	0.732	
Toluene*	<0.050	0.050	07/03/2023	ND	2.09	104	2.00	0.125	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.05	103	2.00	0.801	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.19	103	6.00	0.200	
Total BTEX	<0.300	0.300	07/03/2023	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	1740	16.0	07/03/2023	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	07/03/2023	ND	172	86.1	200	0.863	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	168	83.8	200	0.771	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.3 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 167 (12') (H233403-64)**

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	07/03/2023	ND	2.12	106	2.00	0.732		
Toluene*	<0.050	0.050	07/03/2023	ND	2.09	104	2.00	0.125		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.05	103	2.00	0.801		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.19	103	6.00	0.200		
Total BTEX	<0.300	0.300	07/03/2023	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	6080	16.0	07/03/2023	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	07/03/2023	ND	172	86.1	200	0.863		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	168	83.8	200	0.771		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 93.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.3 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 168 (12') (H233403-65)**

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	07/03/2023	ND	2.12	106	2.00	0.732		
Toluene*	<0.050	0.050	07/03/2023	ND	2.09	104	2.00	0.125		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.05	103	2.00	0.801		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.19	103	6.00	0.200		
Total BTEX	<0.300	0.300	07/03/2023	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>5600</b>	16.0	07/03/2023	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	07/03/2023	ND	172	86.1	200	0.863		
<b>DRO &gt;C10-C28*</b>	<b>14.2</b>	10.0	07/03/2023	ND	168	83.8	200	0.771		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 115 % 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:	07/03/2023	Sampling Date:	06/28/2023
Reported:	07/05/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 169 (12') (H233403-66)**

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	07/03/2023	ND	2.12	106	2.00	0.732		
Toluene*	<0.050	0.050	07/03/2023	ND	2.09	104	2.00	0.125		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.05	103	2.00	0.801		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.19	103	6.00	0.200		
Total BTEX	<0.300	0.300	07/03/2023	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	4240	16.0	07/03/2023	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	07/03/2023	ND	172	86.1	200	0.863		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	168	83.8	200	0.771		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 106 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 170 (12') (H233403-67)**

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	07/03/2023	ND	2.12	106	2.00	0.732		
Toluene*	<0.050	0.050	07/03/2023	ND	2.09	104	2.00	0.125		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.05	103	2.00	0.801		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.19	103	6.00	0.200		
Total BTEX	<0.300	0.300	07/03/2023	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	64.0	16.0	07/03/2023	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	07/03/2023	ND	172	86.1	200	0.863		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	168	83.8	200	0.771		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 90.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.1 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 171 (12') (H233403-68)**

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	07/03/2023	ND	2.12	106	2.00	0.732	
Toluene*	<0.050	0.050	07/03/2023	ND	2.09	104	2.00	0.125	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.05	103	2.00	0.801	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.19	103	6.00	0.200	
Total BTEX	<0.300	0.300	07/03/2023	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	07/03/2023	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	07/03/2023	ND	172	86.1	200	0.863	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	168	83.8	200	0.771	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 104 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 172 (12') (H233403-69)**

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	07/03/2023	ND	2.12	106	2.00	0.732	
Toluene*	<0.050	0.050	07/03/2023	ND	2.09	104	2.00	0.125	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.05	103	2.00	0.801	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.19	103	6.00	0.200	
Total BTEX	<0.300	0.300	07/03/2023	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	96.0	16.0	07/03/2023	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	07/03/2023	ND	172	86.1	200	0.863	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	168	83.8	200	0.771	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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**Analytical Results For:**

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

Received: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 173 (3') (H233403-70)**

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	07/03/2023	ND	2.12	106	2.00	0.732	
Toluene*	<0.050	0.050	07/03/2023	ND	2.09	104	2.00	0.125	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.05	103	2.00	0.801	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.19	103	6.00	0.200	
Total BTEX	<0.300	0.300	07/03/2023	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	192	16.0	07/03/2023	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	07/03/2023	ND	172	86.1	200	0.863	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	168	83.8	200	0.771	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 111 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 174 (3') (H233403-71)**

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	07/03/2023	ND	2.12	106	2.00	0.732	
Toluene*	<0.050	0.050	07/03/2023	ND	2.09	104	2.00	0.125	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.05	103	2.00	0.801	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.19	103	6.00	0.200	
Total BTEX	<0.300	0.300	07/03/2023	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	07/03/2023	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	07/03/2023	ND	172	86.1	200	0.863	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	168	83.8	200	0.771	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 107 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 175 (3') (H233403-72)**

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	07/03/2023	ND	2.12	106	2.00	0.732		
Toluene*	<0.050	0.050	07/03/2023	ND	2.09	104	2.00	0.125		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.05	103	2.00	0.801		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.19	103	6.00	0.200		
Total BTEX	<0.300	0.300	07/03/2023	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	07/03/2023	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	07/03/2023	ND	172	86.1	200	0.863		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	168	83.8	200	0.771		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 98.2 % 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:	07/03/2023	Sampling Date:	06/28/2023
Reported:	07/05/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 176 (3') (H233403-73)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/03/2023	ND	2.12	106	2.00	0.732		
Toluene*	<0.050	0.050	07/03/2023	ND	2.09	104	2.00	0.125		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.05	103	2.00	0.801		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.19	103	6.00	0.200		
Total BTEX	<0.300	0.300	07/03/2023	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	07/03/2023	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	07/03/2023	ND	172	86.1	200	0.863		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	168	83.8	200	0.771		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 113 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 177 (3') (H233403-74)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/03/2023	ND	2.12	106	2.00	0.732		
Toluene*	<0.050	0.050	07/03/2023	ND	2.09	104	2.00	0.125		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.05	103	2.00	0.801		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.19	103	6.00	0.200		
Total BTEX	<0.300	0.300	07/03/2023	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	96.0	16.0	07/03/2023	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	07/03/2023	ND	172	86.1	200	0.863		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	168	83.8	200	0.771		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 104 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 178 (3') (H233403-75)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/03/2023	ND	2.12	106	2.00	0.732		
Toluene*	<0.050	0.050	07/03/2023	ND	2.09	104	2.00	0.125		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.05	103	2.00	0.801		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.19	103	6.00	0.200		
Total BTEX	<0.300	0.300	07/03/2023	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	07/03/2023	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	07/03/2023	ND	172	86.1	200	0.863		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	168	83.8	200	0.771		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 110 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 179 (3') (H233403-76)**

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	07/03/2023	ND	2.12	106	2.00	0.732		
Toluene*	<0.050	0.050	07/03/2023	ND	2.09	104	2.00	0.125		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.05	103	2.00	0.801		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.19	103	6.00	0.200		
Total BTEX	<0.300	0.300	07/03/2023	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	07/03/2023	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	07/03/2023	ND	172	86.1	200	0.863		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	168	83.8	200	0.771		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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**Analytical Results For:**

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

Received: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 180 (3') (H233403-77)**

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	07/03/2023	ND	2.12	106	2.00	0.732		
Toluene*	<0.050	0.050	07/03/2023	ND	2.09	104	2.00	0.125		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.05	103	2.00	0.801		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.19	103	6.00	0.200		
Total BTEX	<0.300	0.300	07/03/2023	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	07/03/2023	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	07/03/2023	ND	161	80.5	200	4.39		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	161	80.6	200	5.44		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 123 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 181 (3') (H233403-78)**

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	07/03/2023	ND	2.12	106	2.00	0.732	
Toluene*	<0.050	0.050	07/03/2023	ND	2.09	104	2.00	0.125	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.05	103	2.00	0.801	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.19	103	6.00	0.200	
Total BTEX	<0.300	0.300	07/03/2023	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	16.0	16.0	07/03/2023	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	07/03/2023	ND	161	80.5	200	4.39	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	161	80.6	200	5.44	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 182 (3') (H233403-79)**

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	07/03/2023	ND	2.12	106	2.00	0.732		
Toluene*	<0.050	0.050	07/03/2023	ND	2.09	104	2.00	0.125		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.05	103	2.00	0.801		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.19	103	6.00	0.200		
Total BTEX	<0.300	0.300	07/03/2023	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	
Chloride	48.0	16.0	07/03/2023	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	07/03/2023	ND	161	80.5	200	4.39		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	161	80.6	200	5.44		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 126 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 183 (3') (H233403-80)**

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	07/03/2023	ND	2.12	106	2.00	0.732	
Toluene*	<0.050	0.050	07/03/2023	ND	2.09	104	2.00	0.125	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.05	103	2.00	0.801	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.19	103	6.00	0.200	
Total BTEX	<0.300	0.300	07/03/2023	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	32.0	16.0	07/03/2023	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	07/03/2023	ND	161	80.5	200	4.39	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	161	80.6	200	5.44	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 120 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 184 (3') (H233403-81)**

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	07/03/2023	ND	2.28	114	2.00	1.96		
Toluene*	<0.050	0.050	07/03/2023	ND	2.26	113	2.00	3.47		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.17	109	2.00	2.33		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.68	111	6.00	3.33		
Total BTEX	<0.300	0.300	07/03/2023	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	07/03/2023	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	07/03/2023	ND	161	80.5	200	4.39		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	161	80.6	200	5.44		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 185 (3') (H233403-82)**

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	07/03/2023	ND	2.28	114	2.00	1.96		
Toluene*	<0.050	0.050	07/03/2023	ND	2.26	113	2.00	3.47		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.17	109	2.00	2.33		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.68	111	6.00	3.33		
Total BTEX	<0.300	0.300	07/03/2023	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	07/03/2023	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	07/03/2023	ND	161	80.5	200	4.39		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	161	80.6	200	5.44		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 125 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 186 (3') (H233403-83)**

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	07/03/2023	ND	2.28	114	2.00	1.96	
Toluene*	<0.050	0.050	07/03/2023	ND	2.26	113	2.00	3.47	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.17	109	2.00	2.33	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.68	111	6.00	3.33	
Total BTEX	<0.300	0.300	07/03/2023	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	32.0	16.0	07/03/2023	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	07/03/2023	ND	161	80.5	200	4.39	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	161	80.6	200	5.44	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 123 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 187 (3') (H233403-84)**

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	07/03/2023	ND	2.28	114	2.00	1.96	
Toluene*	<0.050	0.050	07/03/2023	ND	2.26	113	2.00	3.47	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.17	109	2.00	2.33	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.68	111	6.00	3.33	
Total BTEX	<0.300	0.300	07/03/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/03/2023	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	07/03/2023	ND	161	80.5	200	4.39	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	161	80.6	200	5.44	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 99.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 188 (3') (H233403-85)**

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	07/03/2023	ND	2.28	114	2.00	1.96		
Toluene*	<0.050	0.050	07/03/2023	ND	2.26	113	2.00	3.47		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.17	109	2.00	2.33		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.68	111	6.00	3.33		
Total BTEX	<0.300	0.300	07/03/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/03/2023	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	07/03/2023	ND	161	80.5	200	4.39		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	161	80.6	200	5.44		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 115 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 189 (3') (H233403-86)**

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	07/03/2023	ND	2.28	114	2.00	1.96		
Toluene*	<0.050	0.050	07/03/2023	ND	2.26	113	2.00	3.47		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.17	109	2.00	2.33		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.68	111	6.00	3.33		
Total BTEX	<0.300	0.300	07/03/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/03/2023	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	07/03/2023	ND	161	80.5	200	4.39		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	161	80.6	200	5.44		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 116 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 190 (3') (H233403-87)**

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	07/03/2023	ND	2.28	114	2.00	1.96	
Toluene*	<0.050	0.050	07/03/2023	ND	2.26	113	2.00	3.47	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.17	109	2.00	2.33	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.68	111	6.00	3.33	
Total BTEX	<0.300	0.300	07/03/2023	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
Chloride	64.0	16.0	07/03/2023	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	07/03/2023	ND	161	80.5	200	4.39	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	161	80.6	200	5.44	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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**Analytical Results For:**

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

Received: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 191 (3') (H233403-88)**

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	07/03/2023	ND	2.28	114	2.00	1.96		
Toluene*	<0.050	0.050	07/03/2023	ND	2.26	113	2.00	3.47		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.17	109	2.00	2.33		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.68	111	6.00	3.33		
Total BTEX	<0.300	0.300	07/03/2023	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	07/03/2023	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	07/03/2023	ND	161	80.5	200	4.39		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	161	80.6	200	5.44		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 120 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 192 (3') (H233403-89)**

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	07/03/2023	ND	2.28	114	2.00	1.96	
Toluene*	<0.050	0.050	07/03/2023	ND	2.26	113	2.00	3.47	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.17	109	2.00	2.33	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.68	111	6.00	3.33	
Total BTEX	<0.300	0.300	07/03/2023	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	07/03/2023	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	07/03/2023	ND	161	80.5	200	4.39	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	161	80.6	200	5.44	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 193 (3') (H233403-90)**

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	07/03/2023	ND	2.28	114	2.00	1.96	
Toluene*	<0.050	0.050	07/03/2023	ND	2.26	113	2.00	3.47	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.17	109	2.00	2.33	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.68	111	6.00	3.33	
Total BTEX	<0.300	0.300	07/03/2023	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	80.0	16.0	07/03/2023	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	07/03/2023	ND	161	80.5	200	4.39	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	161	80.6	200	5.44	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 97.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.0 % 49.1-148

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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.
BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
A-01 Ending CCV failed high. All target compounds below LOQ.
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: 4233403

Project Manager: **Conner Moehring**

Company Name: **Carmona Resources**

Address: **310 W Wall St Ste 500**

City, State ZIP: **Midland, TX 79701**

Phone: **432-813-6823**

Project Name: **Sidewinder Riser Release**

Project Number: **2049**

Project Location: **Lea County, New Mexico**

Sampler's Name: **GP/JKB**

PO #: \_\_\_\_\_

Turn Around:  Routine  Rush

Due Date: **24 Hours**

Bill to: (if different) **James Kennedy**

Company Name: **EOG Resources**

Address: **5509 Champions Dr**

City, State ZIP: **Midland, Tx 79706**

Email: **James.Kennedy@eogresources.com**

Program:  UST/PST  PRP  Brownfields  RC  Refund

State of Project: \_\_\_\_\_

Reporting Level II  Level III  ST/UST  RRP  Level IV

Deliverables:  EDD  ADAPT  Other: \_\_\_\_\_

Work Order Comments: \_\_\_\_\_

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters			Pres. Code	ANALYSIS REQUEST	Preservative Codes
							BTEX 8021B	TPH 8015M ( GRO + DRO + MRO)	Chloride 4500			
CS-104 (3')	6/28/2023		X		C	1	X	X	X			
CS-105 (3')	6/28/2023		X		C	1	X	X	X			
CS-106 (3')	6/28/2023		X		C	1	X	X	X			
CS-107 (3')	6/28/2023		X		C	1	X	X	X			
CS-108 (3')	6/28/2023		X		C	1	X	X	X			
CS-109 (3')	6/28/2023		X		C	1	X	X	X			
CS-110 (3')	6/28/2023		X		C	1	X	X	X			
CS-111 (3')	6/28/2023		X		C	1	X	X	X			
CS-112 (3')	6/28/2023		X		C	1	X	X	X			
CS-113 (3')	6/28/2023		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 7/13/23

Received by: (Signature) Stadriquis Date/Time 0901





Chain of Custody

Work Order No: H233403

Page 4 of 18

Project Manager:	Comner 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/ST	<input type="checkbox"/> PRP <input type="checkbox"/> Rowfields <input type="checkbox"/> RRC <input type="checkbox"/> perfund
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:	Project Number:	Project Location	Sampler's Name:	PO #:	Turn Around		Parameters	ANALYSIS REQUEST												Preservative Codes		
					<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush		Due Date:	24 Hours													
Sidewinder Riser Release	2049	Lea County, New Mexico	GPJ/KB																	None: NO DI Water: H <sub>2</sub> O 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>5</sub> : NaSO <sub>3</sub> Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC		
<b>SAMPLE RECEIPT</b>					Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													
Received Infract:					Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																	
Cooler Custody Seals:					Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:																
Sample Custody Seals:					Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:																
Total Containers:					Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Corrected Temperature:																
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	BTEX 8021B	TPH 8015M ( GRO + DRO + MRO)	Chloride 4500													Sample Comments
31 CS-134 (3')	6/28/2023		X		C	1	X	X	X													
32 CS-135 (3')	6/28/2023		X		C	1	X	X	X													
33 CS-136 (3')	6/28/2023		X		C	1	X	X	X													
34 CS-137 (3')	6/28/2023		X		C	1	X	X	X													
35 CS-138 (3')	6/28/2023		X		C	1	X	X	X													
36 CS-139 (3')	6/28/2023		X		C	1	X	X	X													
37 CS-140 (3')	6/28/2023		X		C	1	X	X	X													
38 CS-141 (3')	6/28/2023		X		C	1	X	X	X													
39 CS-142 (3')	6/28/2023		X		C	1	X	X	X													
40 CS-143 (3')	6/28/2023		X		C	1	X	X	X													

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	7/3/23		0901









Chain of Custody

Work Order No:

H333403

Page 9 of 18

Project Manager: Conner Moehring  
 Company Name: Carmona Resources  
 Address: 310 W Wall St Ste 500  
 City, State ZIP: Midland, TX 79701  
 Phone: 432-813-6823

Bill to: (if different)  
 Company Name: James Kennedy  
 Address: 5509 Champions Dr  
 City, State ZIP: Midland, Tx 79706  
 Email: James.Kennedy@eogresources.com

Program: UST/PST  PRP  Brownfields  RC  perfund   
 State of Project:  Level II  Level III  ST/UST  RRP  Level IV   
 Reporting Level:  EDD  ADAPT  Other: \_\_\_\_\_

Project Name: Sidewinder Riser Release  
 Project Number: 2049  
 Project Location: Lea County, New Mexico  
 Sampler's Name: GPJ/KB  
 PO #: \_\_\_\_\_

Turn Around:  Routine  Rush  
 Due Date: 24 Hours

SAMPLE RECEIPT  
 Received Intact: Yes  No   
 Cooler Custody Seals: Yes  No  N/A  
 Sample Custody Seals: Yes  No  N/A  
 Total Containers: \_\_\_\_\_

Work Order Comments  
 Preservative Codes  
 None: NO  
 DI Water: H<sub>2</sub>O  
 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>5</sub>: NASO<sub>5</sub>  
 Zn Acetate+NaOH: Zn  
 NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST										Preservative Codes			
							BTEX 8021B	TPH 8015M ( GRO + DRO + MRO)	Chloride 4500											
CS-184 (3)	6/28/2023		X		C	1	X	X	X											
CS-185 (3)	6/28/2023		X		C	1	X	X	X											
CS-186 (3)	6/28/2023		X		C	1	X	X	X											
CS-187 (3)	6/28/2023		X		C	1	X	X	X											
CS-188 (3)	6/28/2023		X		C	1	X	X	X											
CS-189 (3)	6/28/2023		X		C	1	X	X	X											
CS-190 (3)	6/28/2023		X		C	1	X	X	X											
CS-191 (3)	6/28/2023		X		C	1	X	X	X											
CS-192 (3)	6/28/2023		X		C	1	X	X	X											
CS-193 (3)	6/28/2023		X		C	1	X	X	X											

Comments: Email to Mike Carmona / Mccarmona@carmonarresources.com and Conner Moehring / Cmoehring@carmonarresources.com

Relinquished by: (Signature) \_\_\_\_\_ Date/Time 7/3/23 0901

Received by: (Signature) *Shedrick...* Date/Time \_\_\_\_\_



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

---

July 05, 2023

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

RE: SIDEWINDER RISER RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 07/03/23 9:01.

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:	07/03/2023	Sampling Date:	06/28/2023
Reported:	07/05/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 194 (3') (H233404-01)**

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	07/03/2023	ND	2.28	114	2.00	1.96	
Toluene*	<0.050	0.050	07/03/2023	ND	2.26	113	2.00	3.47	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.17	109	2.00	2.33	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.68	111	6.00	3.33	
Total BTEX	<0.300	0.300	07/03/2023	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	48.0	16.0	07/03/2023	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	07/03/2023	ND	161	80.5	200	4.39	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	161	80.6	200	5.44	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 129 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 195 (3') (H233404-02)**

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	07/03/2023	ND	2.28	114	2.00	1.96		
Toluene*	<0.050	0.050	07/03/2023	ND	2.26	113	2.00	3.47		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.17	109	2.00	2.33		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.68	111	6.00	3.33		
Total BTEX	<0.300	0.300	07/03/2023	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	416	16.0	07/03/2023	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	07/03/2023	ND	161	80.5	200	4.39		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	161	80.6	200	5.44		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 123 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 196 (3') (H233404-03)**

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	07/03/2023	ND	2.28	114	2.00	1.96	
Toluene*	<0.050	0.050	07/03/2023	ND	2.26	113	2.00	3.47	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.17	109	2.00	2.33	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.68	111	6.00	3.33	
Total BTEX	<0.300	0.300	07/03/2023	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	07/03/2023	ND	416	104	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	07/03/2023	ND	161	80.5	200	4.39	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	161	80.6	200	5.44	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 197 (3') (H233404-04)**

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	07/03/2023	ND	2.28	114	2.00	1.96	
Toluene*	<0.050	0.050	07/03/2023	ND	2.26	113	2.00	3.47	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.17	109	2.00	2.33	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.68	111	6.00	3.33	
Total BTEX	<0.300	0.300	07/03/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/03/2023	ND	416	104	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	07/03/2023	ND	161	80.5	200	4.39	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	161	80.6	200	5.44	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 125 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 198 (3') (H233404-05)**

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	07/03/2023	ND	2.28	114	2.00	1.96		
Toluene*	<0.050	0.050	07/03/2023	ND	2.26	113	2.00	3.47		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.17	109	2.00	2.33		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.68	111	6.00	3.33		
Total BTEX	<0.300	0.300	07/03/2023	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	32.0	16.0	07/03/2023	ND	416	104	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	07/03/2023	ND	161	80.5	200	4.39		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	161	80.6	200	5.44		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 119 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 199 (3') (H233404-06)**

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	07/03/2023	ND	2.28	114	2.00	1.96		
Toluene*	<0.050	0.050	07/03/2023	ND	2.26	113	2.00	3.47		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.17	109	2.00	2.33		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.68	111	6.00	3.33		
Total BTEX	<0.300	0.300	07/03/2023	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	07/03/2023	ND	416	104	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	07/03/2023	ND	161	80.5	200	4.39		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	161	80.6	200	5.44		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 107 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 200 (3') (H233404-07)**

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	07/03/2023	ND	2.28	114	2.00	1.96		
Toluene*	<0.050	0.050	07/03/2023	ND	2.26	113	2.00	3.47		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.17	109	2.00	2.33		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.68	111	6.00	3.33		
Total BTEX	<0.300	0.300	07/03/2023	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	144	16.0	07/03/2023	ND	416	104	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	07/03/2023	ND	158	78.8	200	12.9		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	153	76.6	200	3.20		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 95.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 201 (3') (H233404-08)**

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	07/03/2023	ND	2.28	114	2.00	1.96		
Toluene*	<0.050	0.050	07/03/2023	ND	2.26	113	2.00	3.47		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.17	109	2.00	2.33		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.68	111	6.00	3.33		
Total BTEX	<0.300	0.300	07/03/2023	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	48.0	16.0	07/03/2023	ND	416	104	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	07/03/2023	ND	158	78.8	200	12.9		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	153	76.6	200	3.20		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 97.3 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 202 (3') (H233404-09)**

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	07/03/2023	ND	2.28	114	2.00	1.96	
Toluene*	<0.050	0.050	07/03/2023	ND	2.26	113	2.00	3.47	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.17	109	2.00	2.33	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.68	111	6.00	3.33	
Total BTEX	<0.300	0.300	07/03/2023	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	32.0	16.0	07/03/2023	ND	416	104	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	07/03/2023	ND	158	78.8	200	12.9	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	153	76.6	200	3.20	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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**Analytical Results For:**

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

Received: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 203 (3') (H233404-10)**

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	07/03/2023	ND	2.28	114	2.00	1.96	
Toluene*	<0.050	0.050	07/03/2023	ND	2.26	113	2.00	3.47	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.17	109	2.00	2.33	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.68	111	6.00	3.33	
Total BTEX	<0.300	0.300	07/03/2023	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	07/03/2023	ND	416	104	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	07/03/2023	ND	158	78.8	200	12.9	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	153	76.6	200	3.20	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 103 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 204 (3') (H233404-11)**

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	07/03/2023	ND	2.06	103	2.00	0.421		
Toluene*	<0.050	0.050	07/03/2023	ND	1.96	98.1	2.00	1.25		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.10	105	2.00	2.25		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.33	106	6.00	2.48		
Total BTEX	<0.300	0.300	07/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	07/03/2023	ND	416	104	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	07/03/2023	ND	158	78.8	200	12.9		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	153	76.6	200	3.20		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 89.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.2 % 49.1-148

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**Analytical Results For:**

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

Received: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 205 (3') (H233404-12)**

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	07/03/2023	ND	2.06	103	2.00	0.421		
Toluene*	<0.050	0.050	07/03/2023	ND	1.96	98.1	2.00	1.25		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.10	105	2.00	2.25		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.33	106	6.00	2.48		
Total BTEX	<0.300	0.300	07/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	07/03/2023	ND	416	104	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	07/03/2023	ND	158	78.8	200	12.9		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	153	76.6	200	3.20		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 91.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.5 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 206 (3') (H233404-13)**

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	07/03/2023	ND	2.06	103	2.00	0.421		
Toluene*	<0.050	0.050	07/03/2023	ND	1.96	98.1	2.00	1.25		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.10	105	2.00	2.25		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.33	106	6.00	2.48		
Total BTEX	<0.300	0.300	07/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	07/03/2023	ND	416	104	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	07/03/2023	ND	158	78.8	200	12.9		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	153	76.6	200	3.20		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 91.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.2 % 49.1-148

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**Analytical Results For:**

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

Received: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 207 (3') (H233404-14)**

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	07/03/2023	ND	2.06	103	2.00	0.421	
Toluene*	<0.050	0.050	07/03/2023	ND	1.96	98.1	2.00	1.25	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.10	105	2.00	2.25	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.33	106	6.00	2.48	
Total BTEX	<0.300	0.300	07/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	07/03/2023	ND	416	104	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	07/03/2023	ND	158	78.8	200	12.9	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	153	76.6	200	3.20	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 208 (3') (H233404-15)**

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	07/03/2023	ND	2.06	103	2.00	0.421	
Toluene*	<0.050	0.050	07/03/2023	ND	1.96	98.1	2.00	1.25	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.10	105	2.00	2.25	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.33	106	6.00	2.48	
Total BTEX	<0.300	0.300	07/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	07/03/2023	ND	416	104	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	07/03/2023	ND	158	78.8	200	12.9	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	153	76.6	200	3.20	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 96.1 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 209 (3') (H233404-16)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/03/2023	ND	2.06	103	2.00	0.421		
Toluene*	<0.050	0.050	07/03/2023	ND	1.96	98.1	2.00	1.25		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.10	105	2.00	2.25		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.33	106	6.00	2.48		
Total BTEX	<0.300	0.300	07/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	07/03/2023	ND	416	104	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	07/03/2023	ND	158	78.8	200	12.9		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	153	76.6	200	3.20		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 103 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 210 (3') (H233404-17)**

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	07/03/2023	ND	2.06	103	2.00	0.421		
Toluene*	<0.050	0.050	07/03/2023	ND	1.96	98.1	2.00	1.25		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.10	105	2.00	2.25		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.33	106	6.00	2.48		
Total BTEX	<0.300	0.300	07/03/2023	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	07/03/2023	ND	416	104	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	07/03/2023	ND	158	78.8	200	12.9		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	153	76.6	200	3.20		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 99.5 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 211 (3') (H233404-18)**

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	07/03/2023	ND	2.06	103	2.00	0.421		
Toluene*	<0.050	0.050	07/03/2023	ND	1.96	98.1	2.00	1.25		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.10	105	2.00	2.25		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.33	106	6.00	2.48		
Total BTEX	<0.300	0.300	07/03/2023	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	48.0	16.0	07/03/2023	ND	416	104	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	07/03/2023	ND	158	78.8	200	12.9		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	153	76.6	200	3.20		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 104 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 212 (3') (H233404-19)**

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	07/03/2023	ND	2.06	103	2.00	0.421		
Toluene*	<0.050	0.050	07/03/2023	ND	1.96	98.1	2.00	1.25		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.10	105	2.00	2.25		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.33	106	6.00	2.48		
Total BTEX	<0.300	0.300	07/03/2023	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	
Chloride	144	16.0	07/03/2023	ND	416	104	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	07/03/2023	ND	158	78.8	200	12.9		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	153	76.6	200	3.20		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 108 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 213 (3') (H233404-20)**

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	07/03/2023	ND	2.06	103	2.00	0.421		
Toluene*	<0.050	0.050	07/03/2023	ND	1.96	98.1	2.00	1.25		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.10	105	2.00	2.25		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.33	106	6.00	2.48		
Total BTEX	<0.300	0.300	07/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	07/03/2023	ND	416	104	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	07/03/2023	ND	158	78.8	200	12.9		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	153	76.6	200	3.20		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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**Analytical Results For:**

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

Received: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 214 (3') (H233404-21)**

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	07/03/2023	ND	2.06	103	2.00	0.421	
Toluene*	<0.050	0.050	07/03/2023	ND	1.96	98.1	2.00	1.25	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.10	105	2.00	2.25	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.33	106	6.00	2.48	
Total BTEX	<0.300	0.300	07/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	07/03/2023	ND	416	104	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	07/03/2023	ND	158	78.8	200	12.9	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	153	76.6	200	3.20	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 97.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 215 (3') (H233404-22)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/03/2023	ND	2.06	103	2.00	0.421	
Toluene*	<0.050	0.050	07/03/2023	ND	1.96	98.1	2.00	1.25	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.10	105	2.00	2.25	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.33	106	6.00	2.48	
Total BTEX	<0.300	0.300	07/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	07/03/2023	ND	416	104	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	07/03/2023	ND	158	78.8	200	12.9	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	153	76.6	200	3.20	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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**Analytical Results For:**

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

Received: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 216 (3') (H233404-23)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/03/2023	ND	2.06	103	2.00	0.421	
Toluene*	<0.050	0.050	07/03/2023	ND	1.96	98.1	2.00	1.25	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.10	105	2.00	2.25	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.33	106	6.00	2.48	
Total BTEX	<0.300	0.300	07/03/2023	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
Chloride	32.0	16.0	07/03/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	158	78.8	200	12.9	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	153	76.6	200	3.20	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 102 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 217 (3') (H233404-24)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/03/2023	ND	2.06	103	2.00	0.421		
Toluene*	<0.050	0.050	07/03/2023	ND	1.96	98.1	2.00	1.25		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.10	105	2.00	2.25		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.33	106	6.00	2.48		
Total BTEX	<0.300	0.300	07/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	07/03/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	158	78.8	200	12.9		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	153	76.6	200	3.20		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 102 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 218 (3') (H233404-25)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/03/2023	ND	2.06	103	2.00	0.421	
Toluene*	<0.050	0.050	07/03/2023	ND	1.96	98.1	2.00	1.25	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.10	105	2.00	2.25	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.33	106	6.00	2.48	
Total BTEX	<0.300	0.300	07/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	07/03/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	158	78.8	200	12.9	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	153	76.6	200	3.20	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 100 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 219 (3') (H233404-26)**

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	07/03/2023	ND	2.06	103	2.00	0.421	
Toluene*	<0.050	0.050	07/03/2023	ND	1.96	98.1	2.00	1.25	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.10	105	2.00	2.25	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.33	106	6.00	2.48	
Total BTEX	<0.300	0.300	07/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	07/03/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	158	78.8	200	12.9	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	153	76.6	200	3.20	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 96.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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**Analytical Results For:**

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

Received: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 220 (3') (H233404-27)**

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	07/03/2023	ND	2.06	103	2.00	0.421	
Toluene*	<0.050	0.050	07/03/2023	ND	1.96	98.1	2.00	1.25	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.10	105	2.00	2.25	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.33	106	6.00	2.48	
Total BTEX	<0.300	0.300	07/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	07/03/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	160	79.9	200	3.40	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	165	82.4	200	4.95	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 89.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.6 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 221 (3') (H233404-28)**

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	07/03/2023	ND	2.06	103	2.00	0.421		
Toluene*	<0.050	0.050	07/03/2023	ND	1.96	98.1	2.00	1.25		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.10	105	2.00	2.25		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.33	106	6.00	2.48		
Total BTEX	<0.300	0.300	07/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	07/03/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	160	79.9	200	3.40		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	165	82.4	200	4.95		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 89.1 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 222 (3') (H233404-29)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/03/2023	ND	2.06	103	2.00	0.421	
Toluene*	<0.050	0.050	07/03/2023	ND	1.96	98.1	2.00	1.25	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.10	105	2.00	2.25	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.33	106	6.00	2.48	
Total BTEX	<0.300	0.300	07/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	07/03/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	160	79.9	200	3.40	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	165	82.4	200	4.95	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 90.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 223 (3') (H233404-30)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/03/2023	ND	2.06	103	2.00	0.421		
Toluene*	<0.050	0.050	07/03/2023	ND	1.96	98.1	2.00	1.25		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.10	105	2.00	2.25		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.33	106	6.00	2.48		
Total BTEX	<0.300	0.300	07/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	07/03/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	160	79.9	200	3.40		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	165	82.4	200	4.95		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 85.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.2 % 49.1-148

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**Analytical Results For:**

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

Received: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 224 (3') (H233404-31)**

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	07/03/2023	ND	2.01	101	2.00	0.387		
Toluene*	<0.050	0.050	07/03/2023	ND	2.12	106	2.00	1.45		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.21	111	2.00	1.75		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.56	109	6.00	2.55		
Total BTEX	<0.300	0.300	07/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	07/03/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	160	79.9	200	3.40		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	165	82.4	200	4.95		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 86.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.7 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 225 (3') (H233404-32)**

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	07/03/2023	ND	2.01	101	2.00	0.387	
Toluene*	<0.050	0.050	07/03/2023	ND	2.12	106	2.00	1.45	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.21	111	2.00	1.75	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.56	109	6.00	2.55	
Total BTEX	<0.300	0.300	07/03/2023	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	48.0	16.0	07/03/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	160	79.9	200	3.40	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	165	82.4	200	4.95	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 90.4 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 226 (3') (H233404-33)**

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	07/03/2023	ND	2.01	101	2.00	0.387	
Toluene*	<0.050	0.050	07/03/2023	ND	2.12	106	2.00	1.45	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.21	111	2.00	1.75	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.56	109	6.00	2.55	
Total BTEX	<0.300	0.300	07/03/2023	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
Chloride	48.0	16.0	07/03/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	160	79.9	200	3.40	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	165	82.4	200	4.95	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 64.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.2 % 49.1-148

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**Analytical Results For:**

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

Received: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 227 (3') (H233404-34)**

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	07/03/2023	ND	2.01	101	2.00	0.387		
Toluene*	<0.050	0.050	07/03/2023	ND	2.12	106	2.00	1.45		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.21	111	2.00	1.75		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.56	109	6.00	2.55		
Total BTEX	<0.300	0.300	07/03/2023	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	144	16.0	07/03/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	160	79.9	200	3.40		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	165	82.4	200	4.95		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 82.6 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 228 (3') (H233404-35)**

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	07/03/2023	ND	2.01	101	2.00	0.387	
Toluene*	<0.050	0.050	07/03/2023	ND	2.12	106	2.00	1.45	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.21	111	2.00	1.75	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.56	109	6.00	2.55	
Total BTEX	<0.300	0.300	07/03/2023	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	64.0	16.0	07/03/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	160	79.9	200	3.40	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	165	82.4	200	4.95	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 94.1 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 229 (3') (H233404-36)**

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	07/03/2023	ND	2.01	101	2.00	0.387	
Toluene*	<0.050	0.050	07/03/2023	ND	2.12	106	2.00	1.45	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.21	111	2.00	1.75	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.56	109	6.00	2.55	
Total BTEX	<0.300	0.300	07/03/2023	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	32.0	16.0	07/03/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	160	79.9	200	3.40	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	165	82.4	200	4.95	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 230 (3') (H233404-37)**

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	07/03/2023	ND	2.01	101	2.00	0.387	
Toluene*	<0.050	0.050	07/03/2023	ND	2.12	106	2.00	1.45	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.21	111	2.00	1.75	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.56	109	6.00	2.55	
Total BTEX	<0.300	0.300	07/03/2023	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	48.0	16.0	07/03/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	160	79.9	200	3.40	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	165	82.4	200	4.95	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 93.8 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 231 (3') (H233404-38)**

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	07/03/2023	ND	2.01	101	2.00	0.387		
Toluene*	<0.050	0.050	07/03/2023	ND	2.12	106	2.00	1.45		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.21	111	2.00	1.75		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.56	109	6.00	2.55		
Total BTEX	<0.300	0.300	07/03/2023	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	07/03/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	160	79.9	200	3.40		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	165	82.4	200	4.95		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 93.2 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 232 (3') (H233404-39)**

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	07/03/2023	ND	2.01	101	2.00	0.387		
Toluene*	<0.050	0.050	07/03/2023	ND	2.12	106	2.00	1.45		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.21	111	2.00	1.75		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.56	109	6.00	2.55		
Total BTEX	<0.300	0.300	07/03/2023	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	2480	16.0	07/03/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	160	79.9	200	3.40		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	165	82.4	200	4.95		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 99.1 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 233 (3') (H233404-40)**

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	07/03/2023	ND	2.01	101	2.00	0.387		
Toluene*	<0.050	0.050	07/03/2023	ND	2.12	106	2.00	1.45		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.21	111	2.00	1.75		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.56	109	6.00	2.55		
Total BTEX	<0.300	0.300	07/03/2023	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	07/03/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	160	79.9	200	3.40		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	165	82.4	200	4.95		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 123 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 234 (3') (H233404-41)**

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	07/03/2023	ND	2.01	101	2.00	0.387	
Toluene*	<0.050	0.050	07/03/2023	ND	2.12	106	2.00	1.45	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.21	111	2.00	1.75	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.56	109	6.00	2.55	
Total BTEX	<0.300	0.300	07/03/2023	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	80.0	16.0	07/03/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	160	79.9	200	3.40	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	165	82.4	200	4.95	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 97.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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**Analytical Results For:**

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

Received: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 235 (3') (H233404-42)**

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	07/03/2023	ND	2.01	101	2.00	0.387		
Toluene*	<0.050	0.050	07/03/2023	ND	2.12	106	2.00	1.45		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.21	111	2.00	1.75		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.56	109	6.00	2.55		
Total BTEX	<0.300	0.300	07/03/2023	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	07/03/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/03/2023	ND	160	79.9	200	3.40		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	165	82.4	200	4.95		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 91.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.4 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 236 (3') (H233404-43)**

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	07/03/2023	ND	2.01	101	2.00	0.387		
Toluene*	<0.050	0.050	07/03/2023	ND	2.12	106	2.00	1.45		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.21	111	2.00	1.75		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.56	109	6.00	2.55		
Total BTEX	<0.300	0.300	07/03/2023	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	224	16.0	07/03/2023	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	07/03/2023	ND	160	79.9	200	3.40		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	165	82.4	200	4.95		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 90.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.3 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 237 (3') (H233404-44)**

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	07/05/2023	ND	2.01	101	2.00	0.387	
Toluene*	<0.050	0.050	07/05/2023	ND	2.12	106	2.00	1.45	
Ethylbenzene*	<0.050	0.050	07/05/2023	ND	2.21	111	2.00	1.75	
Total Xylenes*	<0.150	0.150	07/05/2023	ND	6.56	109	6.00	2.55	
Total BTEX	<0.300	0.300	07/05/2023	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	576	16.0	07/03/2023	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	07/03/2023	ND	160	79.9	200	3.40	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	165	82.4	200	4.95	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 94.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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**Analytical Results For:**

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 MIDLAND TX, 79701  
 Fax To:

Received: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 238 (3') (H233404-45)**

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	07/04/2023	ND	2.01	101	2.00	0.387	
Toluene*	<0.050	0.050	07/04/2023	ND	2.12	106	2.00	1.45	
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.21	111	2.00	1.75	
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.56	109	6.00	2.55	
Total BTEX	<0.300	0.300	07/04/2023	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	1520	16.0	07/03/2023	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	07/03/2023	ND	160	79.9	200	3.40	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	165	82.4	200	4.95	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 239 (3') (H233404-46)**

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	07/04/2023	ND	2.01	101	2.00	0.387		
Toluene*	<0.050	0.050	07/04/2023	ND	2.12	106	2.00	1.45		
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.21	111	2.00	1.75		
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.56	109	6.00	2.55		
Total BTEX	<0.300	0.300	07/04/2023	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	32.0	16.0	07/03/2023	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	07/03/2023	ND	160	79.9	200	3.40		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	165	82.4	200	4.95		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 102 % 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:	07/03/2023	Sampling Date:	06/28/2023
Reported:	07/05/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 240 (3') (H233404-47)**

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	07/04/2023	ND	2.01	101	2.00	0.387		
Toluene*	<0.050	0.050	07/04/2023	ND	2.12	106	2.00	1.45		
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.21	111	2.00	1.75		
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.56	109	6.00	2.55		
Total BTEX	<0.300	0.300	07/04/2023	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	32.0	16.0	07/03/2023	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	07/03/2023	ND	209	104	200	6.41		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	228	114	200	0.862		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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**Analytical Results For:**

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

Received: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 241 (3') (H233404-48)**

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	07/04/2023	ND	2.01	101	2.00	0.387		
Toluene*	<0.050	0.050	07/04/2023	ND	2.12	106	2.00	1.45		
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.21	111	2.00	1.75		
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.56	109	6.00	2.55		
Total BTEX	<0.300	0.300	07/04/2023	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	112	16.0	07/03/2023	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	07/03/2023	ND	209	104	200	6.41		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	228	114	200	0.862		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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**Analytical Results For:**

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

Received: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 242 (3') (H233404-49)**

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	07/04/2023	ND	2.01	101	2.00	0.387		
Toluene*	<0.050	0.050	07/04/2023	ND	2.12	106	2.00	1.45		
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.21	111	2.00	1.75		
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.56	109	6.00	2.55		
Total BTEX	<0.300	0.300	07/04/2023	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	48.0	16.0	07/03/2023	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	07/03/2023	ND	209	104	200	6.41		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	228	114	200	0.862		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 95.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.8 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 243 (3') (H233404-50)**

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	07/04/2023	ND	2.01	101	2.00	0.387		
Toluene*	<0.050	0.050	07/04/2023	ND	2.12	106	2.00	1.45		
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.21	111	2.00	1.75		
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.56	109	6.00	2.55		
Total BTEX	<0.300	0.300	07/04/2023	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	224	16.0	07/03/2023	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	07/03/2023	ND	209	104	200	6.41		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	228	114	200	0.862		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 102 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 244 (3') (H233404-51)**

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	07/03/2023	ND	2.09	105	2.00	2.32	
Toluene*	<0.050	0.050	07/03/2023	ND	2.05	103	2.00	2.76	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.02	101	2.00	2.55	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.11	102	6.00	2.21	
Total BTEX	<0.300	0.300	07/03/2023	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	1170	16.0	07/03/2023	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	07/03/2023	ND	209	104	200	6.41	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	228	114	200	0.862	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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**Analytical Results For:**

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

Received: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 245 (3') (H233404-52)**

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	07/03/2023	ND	2.09	105	2.00	2.32		
Toluene*	<0.050	0.050	07/03/2023	ND	2.05	103	2.00	2.76		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.02	101	2.00	2.55		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.11	102	6.00	2.21		
Total BTEX	<0.300	0.300	07/03/2023	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	1040	16.0	07/03/2023	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	07/03/2023	ND	209	104	200	6.41		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	228	114	200	0.862		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 99.2 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 246 (3') (H233404-53)**

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	07/03/2023	ND	2.09	105	2.00	2.32		
Toluene*	<0.050	0.050	07/03/2023	ND	2.05	103	2.00	2.76		
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.02	101	2.00	2.55		
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.11	102	6.00	2.21		
Total BTEX	<0.300	0.300	07/03/2023	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	416	16.0	07/03/2023	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	07/03/2023	ND	209	104	200	6.41		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	228	114	200	0.862		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 95.2 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 247 (3') (H233404-54)**

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	07/03/2023	ND	2.09	105	2.00	2.32	
Toluene*	<0.050	0.050	07/03/2023	ND	2.05	103	2.00	2.76	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.02	101	2.00	2.55	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.11	102	6.00	2.21	
Total BTEX	<0.300	0.300	07/03/2023	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	832	16.0	07/03/2023	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	07/03/2023	ND	209	104	200	6.41	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	228	114	200	0.862	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 97.7 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 248 (3') (H233404-55)**

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	07/03/2023	ND	2.09	105	2.00	2.32	
Toluene*	<0.050	0.050	07/03/2023	ND	2.05	103	2.00	2.76	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.02	101	2.00	2.55	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.11	102	6.00	2.21	
Total BTEX	<0.300	0.300	07/03/2023	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	67.2	16.0	07/03/2023	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	07/03/2023	ND	209	104	200	6.41	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	228	114	200	0.862	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 92.7 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 249 (3') (H233404-56)**

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	07/04/2023	ND	2.09	105	2.00	2.32	
Toluene*	<0.050	0.050	07/04/2023	ND	2.05	103	2.00	2.76	
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.02	101	2.00	2.55	
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.11	102	6.00	2.21	
Total BTEX	<0.300	0.300	07/04/2023	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	07/03/2023	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	07/03/2023	ND	209	104	200	6.41	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	228	114	200	0.862	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 95.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 250 (3') (H233404-57)**

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	07/04/2023	ND	2.09	105	2.00	2.32		
Toluene*	<0.050	0.050	07/04/2023	ND	2.05	103	2.00	2.76		
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.02	101	2.00	2.55		
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.11	102	6.00	2.21		
Total BTEX	<0.300	0.300	07/04/2023	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	160	16.0	07/03/2023	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	07/03/2023	ND	209	104	200	6.41		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	228	114	200	0.862		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 96.3 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 251 (3') (H233404-58)**

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	07/04/2023	ND	2.09	105	2.00	2.32	
Toluene*	<0.050	0.050	07/04/2023	ND	2.05	103	2.00	2.76	
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.02	101	2.00	2.55	
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.11	102	6.00	2.21	
Total BTEX	<0.300	0.300	07/04/2023	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	1220	16.0	07/03/2023	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	07/03/2023	ND	209	104	200	6.41	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	228	114	200	0.862	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 97.6 % 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:	07/03/2023	Sampling Date:	06/28/2023
Reported:	07/05/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 252 (3') (H233404-59)**

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	07/04/2023	ND	2.09	105	2.00	2.32	
Toluene*	<0.050	0.050	07/04/2023	ND	2.05	103	2.00	2.76	
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.02	101	2.00	2.55	
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.11	102	6.00	2.21	
Total BTEX	<0.300	0.300	07/04/2023	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	1600	16.0	07/03/2023	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	07/03/2023	ND	209	104	200	6.41	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	228	114	200	0.862	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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**Analytical Results For:**

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

Received: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 253 (3') (H233404-60)**

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	07/04/2023	ND	2.09	105	2.00	2.32	
Toluene*	<0.050	0.050	07/04/2023	ND	2.05	103	2.00	2.76	
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.02	101	2.00	2.55	
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.11	102	6.00	2.21	
Total BTEX	<0.300	0.300	07/04/2023	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	07/03/2023	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	07/03/2023	ND	209	104	200	6.41	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	228	114	200	0.862	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 97.6 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 22 (3') (H233404-61)**

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	07/04/2023	ND	2.09	105	2.00	2.32		
Toluene*	<0.050	0.050	07/04/2023	ND	2.05	103	2.00	2.76		
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.02	101	2.00	2.55		
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.11	102	6.00	2.21		
Total BTEX	<0.300	0.300	07/04/2023	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	07/03/2023	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	07/03/2023	ND	209	104	200	6.41		
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	228	114	200	0.862		
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND						

Surrogate: 1-Chlorooctane 86.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.0 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 23 (3') (H233404-62)**

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	07/04/2023	ND	2.09	105	2.00	2.32	
Toluene*	<0.050	0.050	07/04/2023	ND	2.05	103	2.00	2.76	
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.02	101	2.00	2.55	
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.11	102	6.00	2.21	
Total BTEX	<0.300	0.300	07/04/2023	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	176	16.0	07/03/2023	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	07/03/2023	ND	209	104	200	6.41	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	228	114	200	0.862	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 94.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 24 (3') (H233404-63)**

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	07/04/2023	ND	2.09	105	2.00	2.32	
Toluene*	<0.050	0.050	07/04/2023	ND	2.05	103	2.00	2.76	
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.02	101	2.00	2.55	
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.11	102	6.00	2.21	
Total BTEX	<0.300	0.300	07/04/2023	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	07/03/2023	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	07/03/2023	ND	209	104	200	6.41	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	228	114	200	0.862	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 97.5 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 25 (3') (H233404-64)**

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	07/04/2023	ND	2.09	105	2.00	2.32	
Toluene*	<0.050	0.050	07/04/2023	ND	2.05	103	2.00	2.76	
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.02	101	2.00	2.55	
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.11	102	6.00	2.21	
Total BTEX	<0.300	0.300	07/04/2023	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	07/03/2023	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	07/03/2023	ND	209	104	200	6.41	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	228	114	200	0.862	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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**Analytical Results For:**

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

Received: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 26 (3') (H233404-65)**

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	07/04/2023	ND	2.09	105	2.00	2.32	
Toluene*	<0.050	0.050	07/04/2023	ND	2.05	103	2.00	2.76	
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.02	101	2.00	2.55	
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.11	102	6.00	2.21	
Total BTEX	<0.300	0.300	07/04/2023	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	07/03/2023	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	07/03/2023	ND	209	104	200	6.41	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	228	114	200	0.862	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 98.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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**Analytical Results For:**

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

Received: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 27 (3') (H233404-66)**

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	07/04/2023	ND	2.09	105	2.00	2.32	
Toluene*	<0.050	0.050	07/04/2023	ND	2.05	103	2.00	2.76	
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.02	101	2.00	2.55	
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.11	102	6.00	2.21	
Total BTEX	<0.300	0.300	07/04/2023	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	07/03/2023	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	07/03/2023	ND	209	104	200	6.41	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	228	114	200	0.862	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 97.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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**Analytical Results For:**

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

Received: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 28 (10.5') (H233404-67)**

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	07/04/2023	ND	2.09	105	2.00	2.32	
Toluene*	<0.050	0.050	07/04/2023	ND	2.05	103	2.00	2.76	
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.02	101	2.00	2.55	
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.11	102	6.00	2.21	
Total BTEX	<0.300	0.300	07/04/2023	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	07/03/2023	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	07/03/2023	ND	192	96.0	200	1.21	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	212	106	200	10.4	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 65.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.4 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 29 (10.5') (H233404-68)**

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	07/04/2023	ND	2.09	105	2.00	2.32	
Toluene*	<0.050	0.050	07/04/2023	ND	2.05	103	2.00	2.76	
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.02	101	2.00	2.55	
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.11	102	6.00	2.21	
Total BTEX	<0.300	0.300	07/04/2023	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	07/03/2023	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	07/03/2023	ND	192	96.0	200	1.21	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	212	106	200	10.4	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 82.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.4 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 30 (7') (H233404-69)**

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	07/04/2023	ND	2.09	105	2.00	2.32	
Toluene*	<0.050	0.050	07/04/2023	ND	2.05	103	2.00	2.76	
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.02	101	2.00	2.55	
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.11	102	6.00	2.21	
Total BTEX	<0.300	0.300	07/04/2023	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	208	16.0	07/03/2023	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	07/03/2023	ND	192	96.0	200	1.21	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	212	106	200	10.4	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 85.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.8 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 31 (7') (H233404-70)**

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	07/04/2023	ND	2.09	105	2.00	2.32	
Toluene*	<0.050	0.050	07/04/2023	ND	2.05	103	2.00	2.76	
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.02	101	2.00	2.55	
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.11	102	6.00	2.21	
Total BTEX	<0.300	0.300	07/04/2023	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	480	16.0	07/03/2023	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	07/03/2023	ND	192	96.0	200	1.21	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	212	106	200	10.4	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 93.9 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 32 (9') (H233404-71)**

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	07/03/2023	ND	2.28	114	2.00	1.88	
Toluene*	<0.050	0.050	07/03/2023	ND	2.26	113	2.00	1.12	
Ethylbenzene*	<0.050	0.050	07/03/2023	ND	2.15	107	2.00	0.0184	
Total Xylenes*	<0.150	0.150	07/03/2023	ND	6.65	111	6.00	0.119	
Total BTEX	<0.300	0.300	07/03/2023	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	07/03/2023	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	07/03/2023	ND	192	96.0	200	1.21	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	212	106	200	10.4	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 95.7 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 33 (9') (H233404-72)**

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	07/04/2023	ND	2.28	114	2.00	1.88	
Toluene*	<0.050	0.050	07/04/2023	ND	2.26	113	2.00	1.12	
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.15	107	2.00	0.0184	
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.65	111	6.00	0.119	
Total BTEX	<0.300	0.300	07/04/2023	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	240	16.0	07/03/2023	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	07/03/2023	ND	192	96.0	200	1.21	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	212	106	200	10.4	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 91.5 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 34 (9') (H233404-73)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/04/2023	ND	2.28	114	2.00	1.88	
Toluene*	<0.050	0.050	07/04/2023	ND	2.26	113	2.00	1.12	
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.15	107	2.00	0.0184	
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.65	111	6.00	0.119	
Total BTEX	<0.300	0.300	07/04/2023	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	64.0	16.0	07/03/2023	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	07/03/2023	ND	192	96.0	200	1.21	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	212	106	200	10.4	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 88.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.2 % 49.1-148

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**Analytical Results For:**

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

Received: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 35 (12') (H233404-74)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/04/2023	ND	2.28	114	2.00	1.88	
Toluene*	<0.050	0.050	07/04/2023	ND	2.26	113	2.00	1.12	
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.15	107	2.00	0.0184	
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.65	111	6.00	0.119	
Total BTEX	<0.300	0.300	07/04/2023	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	07/03/2023	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	07/03/2023	ND	192	96.0	200	1.21	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	212	106	200	10.4	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 77.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.8 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 36 (12') (H233404-75)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/04/2023	ND	2.28	114	2.00	1.88	
Toluene*	<0.050	0.050	07/04/2023	ND	2.26	113	2.00	1.12	
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.15	107	2.00	0.0184	
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.65	111	6.00	0.119	
Total BTEX	<0.300	0.300	07/04/2023	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	656	16.0	07/03/2023	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	07/03/2023	ND	192	96.0	200	1.21	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	212	106	200	10.4	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 70.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.8 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 37 (12') (H233404-76)**

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	07/04/2023	ND	2.28	114	2.00	1.88	
Toluene*	<0.050	0.050	07/04/2023	ND	2.26	113	2.00	1.12	
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.15	107	2.00	0.0184	
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.65	111	6.00	0.119	
Total BTEX	<0.300	0.300	07/04/2023	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	160	16.0	07/03/2023	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	07/03/2023	ND	192	96.0	200	1.21	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	212	106	200	10.4	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 77.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.7 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 38 (12') (H233404-77)**

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	07/04/2023	ND	2.28	114	2.00	1.88	
Toluene*	<0.050	0.050	07/04/2023	ND	2.26	113	2.00	1.12	
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.15	107	2.00	0.0184	
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.65	111	6.00	0.119	
Total BTEX	<0.300	0.300	07/04/2023	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	48.0	16.0	07/03/2023	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	07/03/2023	ND	192	96.0	200	1.21	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	212	106	200	10.4	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 77.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.9 % 49.1-148

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**Analytical Results For:**

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

Received: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 39 (12') (H233404-78)**

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	07/04/2023	ND	2.28	114	2.00	1.88	
Toluene*	<0.050	0.050	07/04/2023	ND	2.26	113	2.00	1.12	
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.15	107	2.00	0.0184	
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.65	111	6.00	0.119	
Total BTEX	<0.300	0.300	07/04/2023	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	48.0	16.0	07/03/2023	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	07/03/2023	ND	192	96.0	200	1.21	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	212	106	200	10.4	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 79.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.2 % 49.1-148

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**Analytical Results For:**

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

Received: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 40 (9') (H233404-79)**

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	07/04/2023	ND	2.28	114	2.00	1.88	
Toluene*	<0.050	0.050	07/04/2023	ND	2.26	113	2.00	1.12	
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.15	107	2.00	0.0184	
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.65	111	6.00	0.119	
Total BTEX	<0.300	0.300	07/04/2023	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	48.0	16.0	07/03/2023	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	07/03/2023	ND	192	96.0	200	1.21	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	212	106	200	10.4	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 77.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.3 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 41 (2') (H233404-80)**

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	07/04/2023	ND	2.28	114	2.00	1.88	
Toluene*	<0.050	0.050	07/04/2023	ND	2.26	113	2.00	1.12	
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.15	107	2.00	0.0184	
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.65	111	6.00	0.119	
Total BTEX	<0.300	0.300	07/04/2023	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	80.0	16.0	07/03/2023	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	07/03/2023	ND	192	96.0	200	1.21	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	212	106	200	10.4	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 74.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.2 % 49.1-148

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**Analytical Results For:**

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

Received: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 42 (12') (H233404-81)**

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	07/04/2023	ND	2.28	114	2.00	1.88	
Toluene*	<0.050	0.050	07/04/2023	ND	2.26	113	2.00	1.12	
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.15	107	2.00	0.0184	
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.65	111	6.00	0.119	
Total BTEX	<0.300	0.300	07/04/2023	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	64.0	16.0	07/03/2023	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	07/03/2023	ND	192	96.0	200	1.21	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	212	106	200	10.4	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 76.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.6 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 43 (3') (H233404-82)**

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	07/04/2023	ND	2.28	114	2.00	1.88	
Toluene*	<0.050	0.050	07/04/2023	ND	2.26	113	2.00	1.12	
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.15	107	2.00	0.0184	
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.65	111	6.00	0.119	
Total BTEX	<0.300	0.300	07/04/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/03/2023	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	07/03/2023	ND	192	96.0	200	1.21	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	212	106	200	10.4	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 82.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.2 % 49.1-148

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**Analytical Results For:**

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

Received: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 44 (3') (H233404-83)**

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	07/04/2023	ND	2.28	114	2.00	1.88	
Toluene*	<0.050	0.050	07/04/2023	ND	2.26	113	2.00	1.12	
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.15	107	2.00	0.0184	
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.65	111	6.00	0.119	
Total BTEX	<0.300	0.300	07/04/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/03/2023	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	07/03/2023	ND	192	96.0	200	1.21	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	212	106	200	10.4	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 79.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.5 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 45 (3') (H233404-84)**

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	07/04/2023	ND	2.28	114	2.00	1.88	
Toluene*	<0.050	0.050	07/04/2023	ND	2.26	113	2.00	1.12	
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.15	107	2.00	0.0184	
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.65	111	6.00	0.119	
Total BTEX	<0.300	0.300	07/04/2023	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	07/03/2023	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	07/03/2023	ND	192	96.0	200	1.21	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	212	106	200	10.4	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 79.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.0 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 46 (3') (H233404-85)**

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	07/04/2023	ND	2.28	114	2.00	1.88	
Toluene*	<0.050	0.050	07/04/2023	ND	2.26	113	2.00	1.12	
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.15	107	2.00	0.0184	
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.65	111	6.00	0.119	
Total BTEX	<0.300	0.300	07/04/2023	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	07/03/2023	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	07/03/2023	ND	192	96.0	200	1.21	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	212	106	200	10.4	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 76.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.9 % 49.1-148

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**Analytical Results For:**

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

Received: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 47 (3') (H233404-86)**

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	07/04/2023	ND	2.28	114	2.00	1.88	
Toluene*	<0.050	0.050	07/04/2023	ND	2.26	113	2.00	1.12	
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.15	107	2.00	0.0184	
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.65	111	6.00	0.119	
Total BTEX	<0.300	0.300	07/04/2023	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	64.0	16.0	07/03/2023	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	07/03/2023	ND	192	96.0	200	1.21	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	212	106	200	10.4	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 81.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.8 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 48 (3') (H233404-87)**

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	07/04/2023	ND	2.28	114	2.00	1.88	
Toluene*	<0.050	0.050	07/04/2023	ND	2.26	113	2.00	1.12	
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.15	107	2.00	0.0184	
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.65	111	6.00	0.119	
Total BTEX	<0.300	0.300	07/04/2023	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	07/03/2023	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	07/03/2023	ND	213	106	200	2.33	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	206	103	200	7.74	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 94.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.5 % 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: 07/03/2023  
 Reported: 07/05/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 06/28/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 49 (3') (H233404-88)**

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	07/04/2023	ND	2.28	114	2.00	1.88	
Toluene*	<0.050	0.050	07/04/2023	ND	2.26	113	2.00	1.12	
Ethylbenzene*	<0.050	0.050	07/04/2023	ND	2.15	107	2.00	0.0184	
Total Xylenes*	<0.150	0.150	07/04/2023	ND	6.65	111	6.00	0.119	
Total BTEX	<0.300	0.300	07/04/2023	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	07/03/2023	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	07/03/2023	ND	213	106	200	2.33	
DRO >C10-C28*	<10.0	10.0	07/03/2023	ND	206	103	200	7.74	
EXT DRO >C28-C36	<10.0	10.0	07/03/2023	ND					

Surrogate: 1-Chlorooctane 85.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.4 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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**Notes and Definitions**

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

Cardinal Laboratories

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

Celey D. Keene, Lab Director/Quality Manager





Chain of Custody

Work Order No: H233404

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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"/> RRP <input type="checkbox"/> Rowfields <input type="checkbox"/> RC <input type="checkbox"/> Pertund
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:	Sidewinder Riser Release	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Due Date:	24 Hours	Pres. Code	
Project Number:	2049						
Project Location:	Lea County, New Mexico						
Sampler's Name:	GP/JKB						
PO #:							
<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	
Received In tact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:				BTEX 8021B	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:				TPH 8015M ( GRO + DRO + MRO)	
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:				Chloride 4500	
Total Containers:		Corrected Temperature:					

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST										Preservative Codes		
CS-214 (3)	6/28/2023		X		C	1	X	X	X									None: NO	DI Water: H <sub>2</sub> O
CS-215 (3)	6/28/2023		X		C	1	X	X	X									Cool: Cool	MeOH: Me
CS-216 (3)	6/28/2023		X		C	1	X	X	X									HCL: HC	HNO <sub>3</sub> : HN
CS-217 (3)	6/28/2023		X		C	1	X	X	X									H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na
CS-218 (3)	6/28/2023		X		C	1	X	X	X									H <sub>2</sub> PO <sub>4</sub> : HP	
CS-219 (3)	6/28/2023		X		C	1	X	X	X									NaHSO <sub>4</sub> : NABIS	
CS-220 (3)	6/28/2023		X		C	1	X	X	X									Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>	
CS-221 (3)	6/28/2023		X		C	1	X	X	X									Zn Acetate+NaOH: Zn	
CS-222 (3)	6/28/2023		X		C	1	X	X	X									NaOH+Ascorbic Acid: SAPC	
CS-223 (3)	6/28/2023		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
	7/3/23		0901

Chain of Custody

Work Order No:

1033404

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"/> RFP	<input type="checkbox"/> RRC	<input type="checkbox"/> RPP	<input type="checkbox"/> Level IV	
State of Project:									
Reporting Level:	<input type="checkbox"/> Level II	<input type="checkbox"/> Level III	<input type="checkbox"/> ST/UST	<input type="checkbox"/> RPP	<input type="checkbox"/> Level IV				
Deliverables:	<input type="checkbox"/> EDD	<input type="checkbox"/> ADaPT	<input type="checkbox"/> Other:						

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters			ANALYSIS REQUEST	Preservative Codes
							BTEX 8021B	TPH 8015M ( GRO + DRO + MRO)	Chloride 4500		
CS-224 (3)	6/28/2023		X		C	1	X	X	X		
CS-225 (3)	6/28/2023		X		C	1	X	X	X		
CS-226 (3)	6/28/2023		X		C	1	X	X	X		
CS-227 (3)	6/28/2023		X		C	1	X	X	X		
CS-228 (3)	6/28/2023		X		C	1	X	X	X		
CS-229 (3)	6/28/2023		X		C	1	X	X	X		
CS-230 (3)	6/28/2023		X		C	1	X	X	X		
CS-231 (3)	6/28/2023		X		C	1	X	X	X		
CS-232 (3)	6/28/2023		X		C	1	X	X	X		
CS-233 (3)	6/28/2023		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
	7/31/23		0901

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Chain of Custody

Work Order No:

4233404

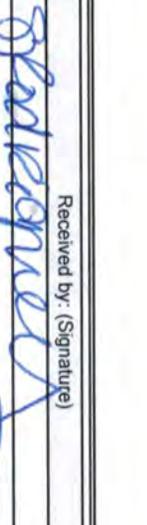
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Project Manager:	Conner Moehring	Bill to: (if different)	James Kennedy
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500 Midland, TX 79701	Address:	5509 Champions Dr Midland, TX 79706
City, State ZIP:	Midland, 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"/> Rowfields <input type="checkbox"/> RC <input type="checkbox"/> perfund
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
Deliverables: EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters			Preservative Codes
							BTEX 8021B	TPH 8015M ( GRO + DRO + MRO)	Chloride 4500	
CS-234 (3)	6/28/2023		X		C	1	X	X	X	None: NO DI Water: H <sub>2</sub> O
CS-235 (3)	6/28/2023		X		C	1	X	X	X	Cool: Cool MeOH: Me
CS-236 (3)	6/28/2023		X		C	1	X	X	X	HCL: HC HNO <sub>3</sub> : HN
CS-237 (3)	6/28/2023		X		C	1	X	X	X	H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na
CS-238 (3)	6/28/2023		X		C	1	X	X	X	H <sub>3</sub> PO <sub>4</sub> : HP
CS-239 (3)	6/28/2023		X		C	1	X	X	X	NaHSO <sub>4</sub> : NABIS
CS-240 (3)	6/28/2023		X		C	1	X	X	X	Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NASO <sub>5</sub>
CS-241 (3)	6/28/2023		X		C	1	X	X	X	Zn Acetate+NaOH: Zn
CS-242 (3)	6/28/2023		X		C	1	X	X	X	NaOH+Ascorbic Acid: SAPC
CS-243 (3)	6/28/2023		X		C	1	X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	7/3/23		0901

Chain of Custody

Work Order No: 1533404

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

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> fromfields <input type="checkbox"/> IRC <input type="checkbox"/> perfund
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
Deliverables: EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	Project Number:	Project Location:	Sample's Name:	Turn Around	Pres. Code	ANALYSIS REQUEST			Preservative Codes
						Due Date:	24 Hours		
Sidewinder Riser Release	2049	Lea County, New Mexico	GP/JKB	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush					None: NO DI Water: H <sub>2</sub> O 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
<b>SAMPLE RECEIPT</b>				Temp Blank: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID: <u>13</u>	Well Ice: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Parameters		
Received Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				Correction Factor: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading: <u>-0.00</u>	BTEX 8021B			
Cooler Custody Seals: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				Corrected Temperature: <u>-1.00</u>	TPH 8015M ( GRO + DRO + MRO)				
Sample Custody Seals: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					Chloride 4500				
Total Containers:									
Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont			
CS-244 (3)	6/28/2023		X		C	1	X	X	X
CS-245 (3)	6/28/2023		X		C	1	X	X	X
CS-246 (3)	6/28/2023		X		C	1	X	X	X
CS-247 (3)	6/28/2023		X		C	1	X	X	X
CS-248 (3)	6/28/2023		X		C	1	X	X	X
CS-249 (3)	6/28/2023		X		C	1	X	X	X
CS-250 (3)	6/28/2023		X		C	1	X	X	X
CS-251 (3)	6/28/2023		X		C	1	X	X	X
CS-252 (3)	6/28/2023		X		C	1	X	X	X
CS-253 (3)	6/28/2023		X		C	1	X	X	X

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

Relinquished By: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	7/3/23		0901

Chain of Custody

Work Order No:

H233404

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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

Program:	UST/ST	PRP	Rowfields	PRC	Perfund
State of Project:					
Reporting Level:	Level II	Level III	ST/UST	PRP	Level IV
Deliverables:	EDD	ADAPT	Other:		

Project Name:	Sidewinder Riser Release	Turn Around	Pres. Code	ANALYSIS REQUEST						Preservative Codes
Project Number:	2049	<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:	GP/JKB									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	No	Wet Ice:	Yes	No				H <sub>3</sub> PO <sub>4</sub> : HP NaHSO <sub>4</sub> : NABIS
Received Intact:	Yes	No	Thermometer ID:							Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>5</sub>
Cooler Custody Seals:	Yes	No	Correction Factor:							Zn Acetate+NaOH: Zn
Sample Custody Seals:	Yes	No	Temperature Reading:							NaOH+Ascorbic Acid: S AFC
Total Containers:	Yes	No	Corrected Temperature:							

61  
62  
63  
64  
65  
66  
67  
68  
69  
70

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	BTEX 8021B	TPH 8015M ( GRO + DRO + MRO)	Chloride 4500	Sample Comments
SW-22 (3')	6/28/2023		X		C	1	X	X	X	
SW-23 (3')	6/28/2023		X		C	1	X	X	X	
SW-24 (3')	6/28/2023		X		C	1	X	X	X	
SW-25 (3')	6/28/2023		X		C	1	X	X	X	
SW-26 (3')	6/28/2023		X		C	1	X	X	X	
SW-27 (3')	6/28/2023		X		C	1	X	X	X	
SW-28 (10.5')	6/28/2023		X		C	1	X	X	X	
SW-29 (10.5')	6/28/2023		X		C	1	X	X	X	
SW-30 (7')	6/28/2023		X		C	1	X	X	X	
SW-31 (7')	6/28/2023		X		C	1	X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	7/3/23 0901		

Chain of Custody

Work Order No: 1233404

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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"/> Refund <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:	Project Number:	Project Location:	Sampler's Name:	PO #:	Turn Around		Pres. Code	ANALYSIS REQUEST			Preservative Codes	
					<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush						
Sidewinder Riser Release	2049	Lea County, New Mexico	GPJ/KB		<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush					None: NO Cool: Cool HCL: HC H <sub>2</sub> S <sub>4</sub> : H <sub>2</sub> H <sub>3</sub> PO <sub>4</sub> : HP NaHSO <sub>4</sub> : NABIS Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub> Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC	
<b>SAMPLE RECEIPT</b> Received In tact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Cooler Custody Seals: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Sample Custody Seals: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Total Containers: <u>20</u>					Temp Blank: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID: <u>13</u>	Well Ice: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor: <u>-0.01</u>	Temperature Reading: <u>-1.4</u>	Corrected Temperature: <u>-2.0</u>		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	BTEX 8021B	TPH 8015M ( GRO + DRO + MRO)	Chloride 4500	Sample Comments		
SW-32 (9')	6/28/2023		X		C	1	X	X	X			
SW-33 (9')	6/28/2023		X		C	1	X	X	X			
SW-34 (9')	6/28/2023		X		C	1	X	X	X			
SW-35 (12')	6/28/2023		X		C	1	X	X	X			
SW-36 (12')	6/28/2023		X		C	1	X	X	X			
SW-37 (12')	6/28/2023		X		C	1	X	X	X			
SW-38 (12')	6/28/2023		X		C	1	X	X	X			
SW-39 (12')	6/28/2023		X		C	1	X	X	X			
SW-40 (9')	6/28/2023		X		C	1	X	X	X			
SW-41 (2')	6/28/2023		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
	7/3/23		0901

Chain of Custody

Work Order No:

1233404

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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

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: <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> PRP <input type="checkbox"/> Level IV <input type="checkbox"/> Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: <input type="checkbox"/>	<b>Work Order Comments</b> None: NO    DI Water: H <sub>2</sub> O 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>5</sub> : NASO <sub>5</sub> Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
---	---

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST										Preservative Codes
							Parameters										
SW-42 (12)	6/28/2023		X		C	1	BTEX 8021B										
SW-43 (3)	6/28/2023		X		C	1	TPH 8015M ( GRO + DRO + MRO)										
SW-44 (3)	6/28/2023		X		C	1	Chloride 4500										
SW-45 (3)	6/28/2023		X		C	1											
SW-46 (3)	6/28/2023		X		C	1											
SW-47 (3)	6/28/2023		X		C	1											
SW-48 (3)	6/28/2023		X		C	1											
SW-49 (3)	6/28/2023		X		C	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
	7/3/23		0901



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

---

July 12, 2023

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

RE: SIDEWINDER RISER RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 07/11/23 11:10.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

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:	07/11/2023	Sampling Date:	07/10/2023
Reported:	07/12/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 40 (3.25') (H233517-01)**

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	07/11/2023	ND	2.10	105	2.00	1.39	
Toluene*	<0.050	0.050	07/11/2023	ND	2.08	104	2.00	1.66	
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	2.05	103	2.00	2.07	
Total Xylenes*	<0.150	0.150	07/11/2023	ND	6.22	104	6.00	2.34	
Total BTEX	<0.300	0.300	07/11/2023	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	48.0	16.0	07/12/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/12/2023	ND	197	98.6	200	1.94		
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	193	96.6	200	3.24		
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND						

Surrogate: 1-Chlorooctane 145 % 48.2-134

Surrogate: 1-Chlorooctadecane 150 % 49.1-148

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**Analytical Results For:**

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

Received: 07/11/2023  
 Reported: 07/12/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 07/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 49 (10') (H233517-02)**

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	07/11/2023	ND	2.10	105	2.00	1.39		
Toluene*	<0.050	0.050	07/11/2023	ND	2.08	104	2.00	1.66		
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	2.05	103	2.00	2.07		
Total Xylenes*	<0.150	0.150	07/11/2023	ND	6.22	104	6.00	2.34		
Total BTEX	<0.300	0.300	07/11/2023	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>48.0</b>	16.0	07/12/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS							S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10*	<10.0	10.0	07/12/2023	ND	197	98.6	200	1.94			
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	193	96.6	200	3.24			
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND							

Surrogate: 1-Chlorooctane 142 % 48.2-134

Surrogate: 1-Chlorooctadecane 145 % 49.1-148

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**Analytical Results For:**

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

Received: 07/11/2023  
 Reported: 07/12/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 07/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 113 (3.25') (H233517-03)**

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	07/11/2023	ND	2.10	105	2.00	1.39	
Toluene*	<0.050	0.050	07/11/2023	ND	2.08	104	2.00	1.66	
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	2.05	103	2.00	2.07	
Total Xylenes*	<0.150	0.150	07/11/2023	ND	6.22	104	6.00	2.34	
Total BTEX	<0.300	0.300	07/11/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/12/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2023	ND	197	98.6	200	1.94	
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	193	96.6	200	3.24	
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	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: 07/11/2023  
 Reported: 07/12/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 07/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 155 (3.25') (H233517-04)**

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	07/11/2023	ND	2.10	105	2.00	1.39	
Toluene*	<0.050	0.050	07/11/2023	ND	2.08	104	2.00	1.66	
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	2.05	103	2.00	2.07	
Total Xylenes*	<0.150	0.150	07/11/2023	ND	6.22	104	6.00	2.34	
Total BTEX	<0.300	0.300	07/11/2023	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	48.0	16.0	07/12/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2023	ND	197	98.6	200	1.94	
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	193	96.6	200	3.24	
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND					

Surrogate: 1-Chlorooctane 130 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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**Analytical Results For:**

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

Received:	07/11/2023	Sampling Date:	07/10/2023
Reported:	07/12/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 160 (3.25') (H233517-05)**

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	07/11/2023	ND	2.10	105	2.00	1.39	
Toluene*	<0.050	0.050	07/11/2023	ND	2.08	104	2.00	1.66	
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	2.05	103	2.00	2.07	
Total Xylenes*	<0.150	0.150	07/11/2023	ND	6.22	104	6.00	2.34	
Total BTEX	<0.300	0.300	07/11/2023	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	07/12/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/12/2023	ND	197	98.6	200	1.94		
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	193	96.6	200	3.24		
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND						

Surrogate: 1-Chlorooctane 148 % 48.2-134

Surrogate: 1-Chlorooctadecane 152 % 49.1-148

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**Analytical Results For:**

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

Received:	07/11/2023	Sampling Date:	07/10/2023
Reported:	07/12/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 232 (3.25') (H233517-06)**

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	07/11/2023	ND	2.10	105	2.00	1.39	
Toluene*	<0.050	0.050	07/11/2023	ND	2.08	104	2.00	1.66	
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	2.05	103	2.00	2.07	
Total Xylenes*	<0.150	0.150	07/11/2023	ND	6.22	104	6.00	2.34	
Total BTEX	<0.300	0.300	07/11/2023	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	07/12/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/12/2023	ND	197	98.6	200	1.94		
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	193	96.6	200	3.24		
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND						

Surrogate: 1-Chlorooctane 158 % 48.2-134

Surrogate: 1-Chlorooctadecane 159 % 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: 07/11/2023  
 Reported: 07/12/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 07/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 244 (3.25') (H233517-07)**

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	07/11/2023	ND	2.10	105	2.00	1.39	
Toluene*	<0.050	0.050	07/11/2023	ND	2.08	104	2.00	1.66	
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	2.05	103	2.00	2.07	
Total Xylenes*	<0.150	0.150	07/11/2023	ND	6.22	104	6.00	2.34	
Total BTEX	<0.300	0.300	07/11/2023	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	96.0	16.0	07/12/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/12/2023	ND	197	98.6	200	1.94		
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	193	96.6	200	3.24		
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND						

Surrogate: 1-Chlorooctane 151 % 48.2-134

Surrogate: 1-Chlorooctadecane 156 % 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: 07/11/2023  
 Reported: 07/12/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 07/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 245 (3.25') (H233517-08)**

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	07/11/2023	ND	2.10	105	2.00	1.39	
Toluene*	<0.050	0.050	07/11/2023	ND	2.08	104	2.00	1.66	
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	2.05	103	2.00	2.07	
Total Xylenes*	<0.150	0.150	07/11/2023	ND	6.22	104	6.00	2.34	
Total BTEX	<0.300	0.300	07/11/2023	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	704	16.0	07/12/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2023	ND	197	98.6	200	1.94	
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	193	96.6	200	3.24	
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND					

Surrogate: 1-Chlorooctane 131 % 48.2-134

Surrogate: 1-Chlorooctadecane 138 % 49.1-148

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**Analytical Results For:**

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

Received: 07/11/2023  
 Reported: 07/12/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 07/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 247 (3.25') (H233517-09)**

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	07/11/2023	ND	2.10	105	2.00	1.39		
Toluene*	<0.050	0.050	07/11/2023	ND	2.08	104	2.00	1.66		
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	2.05	103	2.00	2.07		
Total Xylenes*	<0.150	0.150	07/11/2023	ND	6.22	104	6.00	2.34		
Total BTEX	<0.300	0.300	07/11/2023	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	64.0	16.0	07/12/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS							S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10*	<10.0	10.0	07/12/2023	ND	197	98.6	200	1.94			
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	193	96.6	200	3.24			
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND							

Surrogate: 1-Chlorooctane 155 % 48.2-134

Surrogate: 1-Chlorooctadecane 161 % 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:	07/11/2023	Sampling Date:	07/10/2023
Reported:	07/12/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 251 (3.25') (H233517-10)**

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	07/11/2023	ND	2.10	105	2.00	1.39	
Toluene*	<0.050	0.050	07/11/2023	ND	2.08	104	2.00	1.66	
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	2.05	103	2.00	2.07	
Total Xylenes*	<0.150	0.150	07/11/2023	ND	6.22	104	6.00	2.34	
Total BTEX	<0.300	0.300	07/11/2023	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	144	16.0	07/12/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/12/2023	ND	197	98.6	200	1.94		
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	193	96.6	200	3.24		
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND						

Surrogate: 1-Chlorooctane 139 % 48.2-134

Surrogate: 1-Chlorooctadecane 141 % 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: 07/11/2023  
 Reported: 07/12/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 07/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 252 (3.25') (H233517-11)**

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	07/11/2023	ND	2.10	105	2.00	1.39	
Toluene*	<0.050	0.050	07/11/2023	ND	2.08	104	2.00	1.66	
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	2.05	103	2.00	2.07	
Total Xylenes*	<0.150	0.150	07/11/2023	ND	6.22	104	6.00	2.34	
Total BTEX	<0.300	0.300	07/11/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/12/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/12/2023	ND	197	98.6	200	1.94		
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	193	96.6	200	3.24		
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND						

Surrogate: 1-Chlorooctane 146 % 48.2-134

Surrogate: 1-Chlorooctadecane 147 % 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: 07/11/2023  
 Reported: 07/12/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 07/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 254 (10') (H233517-12)**

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	07/11/2023	ND	2.10	105	2.00	1.39		
Toluene*	<0.050	0.050	07/11/2023	ND	2.08	104	2.00	1.66		
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	2.05	103	2.00	2.07		
Total Xylenes*	<0.150	0.150	07/11/2023	ND	6.22	104	6.00	2.34		
Total BTEX	<0.300	0.300	07/11/2023	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	07/12/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/12/2023	ND	197	98.6	200	1.94		
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	193	96.6	200	3.24		
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND						

Surrogate: 1-Chlorooctane 118 % 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: 07/11/2023  
 Reported: 07/12/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 07/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 255 (10') (H233517-13)**

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	07/11/2023	ND	2.10	105	2.00	1.39		
Toluene*	<0.050	0.050	07/11/2023	ND	2.08	104	2.00	1.66		
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	2.05	103	2.00	2.07		
Total Xylenes*	<0.150	0.150	07/11/2023	ND	6.22	104	6.00	2.34		
Total BTEX	<0.300	0.300	07/11/2023	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	07/12/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/12/2023	ND	197	98.6	200	1.94		
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	193	96.6	200	3.24		
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND						

Surrogate: 1-Chlorooctane 130 % 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: 07/11/2023  
 Reported: 07/12/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 07/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 256 (12') (H233517-14)**

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	07/11/2023	ND	2.10	105	2.00	1.39	
Toluene*	<0.050	0.050	07/11/2023	ND	2.08	104	2.00	1.66	
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	2.05	103	2.00	2.07	
Total Xylenes*	<0.150	0.150	07/11/2023	ND	6.22	104	6.00	2.34	
Total BTEX	<0.300	0.300	07/11/2023	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	1490	16.0	07/12/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2023	ND	197	98.6	200	1.94	
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	193	96.6	200	3.24	
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND					

Surrogate: 1-Chlorooctane 108 % 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: 07/11/2023  
 Reported: 07/12/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 07/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 257 (12') (H233517-15)**

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	07/11/2023	ND	2.10	105	2.00	1.39		
Toluene*	<0.050	0.050	07/11/2023	ND	2.08	104	2.00	1.66		
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	2.05	103	2.00	2.07		
Total Xylenes*	<0.150	0.150	07/11/2023	ND	6.22	104	6.00	2.34		
Total BTEX	<0.300	0.300	07/11/2023	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	8530	16.0	07/12/2023	ND	432	108	400	3.64	QM-07	

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	07/12/2023	ND	197	98.6	200	1.94			
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	193	96.6	200	3.24			
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND							

Surrogate: 1-Chlorooctane 136 % 48.2-134

Surrogate: 1-Chlorooctadecane 141 % 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: 07/11/2023  
 Reported: 07/12/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 07/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 258 (3') (H233517-16)**

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	07/11/2023	ND	2.10	105	2.00	1.39	
Toluene*	<0.050	0.050	07/11/2023	ND	2.08	104	2.00	1.66	
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	2.05	103	2.00	2.07	
Total Xylenes*	<0.150	0.150	07/11/2023	ND	6.22	104	6.00	2.34	
Total BTEX	<0.300	0.300	07/11/2023	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	80.0	16.0	07/12/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/12/2023	ND	197	98.6	200	1.94		
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	193	96.6	200	3.24		
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND						

Surrogate: 1-Chlorooctane 144 % 48.2-134

Surrogate: 1-Chlorooctadecane 141 % 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:	07/11/2023	Sampling Date:	07/10/2023
Reported:	07/12/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 259 (3') (H233517-17)**

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	07/11/2023	ND	2.10	105	2.00	1.39		
Toluene*	<0.050	0.050	07/11/2023	ND	2.08	104	2.00	1.66		
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	2.05	103	2.00	2.07		
Total Xylenes*	<0.150	0.150	07/11/2023	ND	6.22	104	6.00	2.34		
Total BTEX	<0.300	0.300	07/11/2023	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	07/12/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS							S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10*	<10.0	10.0	07/12/2023	ND	197	98.6	200	1.94			
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	193	96.6	200	3.24			
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND							

Surrogate: 1-Chlorooctane 150 % 48.2-134

Surrogate: 1-Chlorooctadecane 150 % 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: 07/11/2023  
 Reported: 07/12/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 07/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 260 (3') (H233517-18)**

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	07/11/2023	ND	2.10	105	2.00	1.39		
Toluene*	<0.050	0.050	07/11/2023	ND	2.08	104	2.00	1.66		
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	2.05	103	2.00	2.07		
Total Xylenes*	<0.150	0.150	07/11/2023	ND	6.22	104	6.00	2.34		
Total BTEX	<0.300	0.300	07/11/2023	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	128	16.0	07/12/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS							S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10*	<10.0	10.0	07/12/2023	ND	197	98.6	200	1.94			
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	193	96.6	200	3.24			
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND							

Surrogate: 1-Chlorooctane 144 % 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:	07/11/2023	Sampling Date:	07/10/2023
Reported:	07/12/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 261 (3') (H233517-19)**

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	07/11/2023	ND	2.10	105	2.00	1.39		
Toluene*	<0.050	0.050	07/11/2023	ND	2.08	104	2.00	1.66		
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	2.05	103	2.00	2.07		
Total Xylenes*	<0.150	0.150	07/11/2023	ND	6.22	104	6.00	2.34		
Total BTEX	<0.300	0.300	07/11/2023	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	272	16.0	07/12/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS							S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10*	<10.0	10.0	07/12/2023	ND	197	98.6	200	1.94			
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	193	96.6	200	3.24			
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND							

Surrogate: 1-Chlorooctane 136 % 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: 07/11/2023  
 Reported: 07/12/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 07/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 262 (3') (H233517-20)**

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	07/11/2023	ND	2.28	114	2.00	3.41		
Toluene*	<0.050	0.050	07/11/2023	ND	2.26	113	2.00	4.50		
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	2.18	109	2.00	2.88		
Total Xylenes*	<0.150	0.150	07/11/2023	ND	6.75	112	6.00	3.33		
Total BTEX	<0.300	0.300	07/11/2023	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	256	16.0	07/12/2023	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	07/11/2023	ND	181	90.3	200	1.51		
<b>DRO &gt;C10-C28*</b>	<b>11.3</b>	10.0	07/11/2023	ND	179	89.6	200	2.84		
EXT DRO >C28-C36	<10.0	10.0	07/11/2023	ND						

Surrogate: 1-Chlorooctane 115 % 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: 07/11/2023  
 Reported: 07/12/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 07/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 263 (3') (H233517-21)**

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	07/11/2023	ND	2.28	114	2.00	3.41		
Toluene*	<0.050	0.050	07/11/2023	ND	2.26	113	2.00	4.50		
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	2.18	109	2.00	2.88		
Total Xylenes*	<0.150	0.150	07/11/2023	ND	6.75	112	6.00	3.33		
Total BTEX	<0.300	0.300	07/11/2023	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	208	16.0	07/12/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS							S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10*	<10.0	10.0	07/11/2023	ND	181	90.3	200	1.51			
DRO >C10-C28*	<10.0	10.0	07/11/2023	ND	179	89.6	200	2.84			
EXT DRO >C28-C36	<10.0	10.0	07/11/2023	ND							

Surrogate: 1-Chlorooctane 138 % 48.2-134

Surrogate: 1-Chlorooctadecane 164 % 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:	07/11/2023	Sampling Date:	07/10/2023
Reported:	07/12/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 264 (3') (H233517-22)**

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	07/11/2023	ND	2.28	114	2.00	3.41		
Toluene*	<0.050	0.050	07/11/2023	ND	2.26	113	2.00	4.50		
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	2.18	109	2.00	2.88		
Total Xylenes*	<0.150	0.150	07/11/2023	ND	6.75	112	6.00	3.33		
Total BTEX	<0.300	0.300	07/11/2023	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	07/12/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS							S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10*	<10.0	10.0	07/12/2023	ND	181	90.3	200	1.51			
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	179	89.6	200	2.84			
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND							

Surrogate: 1-Chlorooctane 158 % 48.2-134

Surrogate: 1-Chlorooctadecane 181 % 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: 07/11/2023  
 Reported: 07/12/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 07/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 265 (3') (H233517-23)**

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	07/11/2023	ND	2.28	114	2.00	3.41		
Toluene*	<0.050	0.050	07/11/2023	ND	2.26	113	2.00	4.50		
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	2.18	109	2.00	2.88		
Total Xylenes*	<0.150	0.150	07/11/2023	ND	6.75	112	6.00	3.33		
Total BTEX	<0.300	0.300	07/11/2023	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	384	16.0	07/12/2023	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	07/12/2023	ND	181	90.3	200	1.51		
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	179	89.6	200	2.84		
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND						

Surrogate: 1-Chlorooctane 120 % 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: 07/11/2023  
 Reported: 07/12/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 07/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 266 (3') (H233517-24)**

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	07/11/2023	ND	2.28	114	2.00	3.41		
Toluene*	<0.050	0.050	07/11/2023	ND	2.26	113	2.00	4.50		
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	2.18	109	2.00	2.88		
Total Xylenes*	<0.150	0.150	07/11/2023	ND	6.75	112	6.00	3.33		
Total BTEX	<0.300	0.300	07/11/2023	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	48.0	16.0	07/12/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS							S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10*	<10.0	10.0	07/12/2023	ND	181	90.3	200	1.51			
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	179	89.6	200	2.84			
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND							

Surrogate: 1-Chlorooctane 146 % 48.2-134

Surrogate: 1-Chlorooctadecane 169 % 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:	07/11/2023	Sampling Date:	07/10/2023
Reported:	07/12/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 267 (3') (H233517-25)**

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	07/11/2023	ND	2.28	114	2.00	3.41	
Toluene*	<0.050	0.050	07/11/2023	ND	2.26	113	2.00	4.50	
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	2.18	109	2.00	2.88	
Total Xylenes*	<0.150	0.150	07/11/2023	ND	6.75	112	6.00	3.33	
Total BTEX	<0.300	0.300	07/11/2023	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	48.0	16.0	07/12/2023	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	07/12/2023	ND	181	90.3	200	1.51	
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	179	89.6	200	2.84	
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND					

Surrogate: 1-Chlorooctane 113 % 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: 07/11/2023  
 Reported: 07/12/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 07/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 268 (3') (H233517-26)**

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	07/11/2023	ND	2.28	114	2.00	3.41		
Toluene*	<0.050	0.050	07/11/2023	ND	2.26	113	2.00	4.50		
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	2.18	109	2.00	2.88		
Total Xylenes*	<0.150	0.150	07/11/2023	ND	6.75	112	6.00	3.33		
Total BTEX	<0.300	0.300	07/11/2023	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	07/12/2023	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	07/12/2023	ND	181	90.3	200	1.51		
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	179	89.6	200	2.84		
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND						

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 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: 07/11/2023  
 Reported: 07/12/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 07/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 269 (3') (H233517-27)**

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	07/11/2023	ND	2.28	114	2.00	3.41		
Toluene*	<0.050	0.050	07/11/2023	ND	2.26	113	2.00	4.50		
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	2.18	109	2.00	2.88		
Total Xylenes*	<0.150	0.150	07/11/2023	ND	6.75	112	6.00	3.33		
Total BTEX	<0.300	0.300	07/11/2023	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	176	16.0	07/12/2023	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	07/12/2023	ND	181	90.3	200	1.51		
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	179	89.6	200	2.84		
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND						

Surrogate: 1-Chlorooctane 105 % 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: 07/11/2023  
 Reported: 07/12/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 07/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 270 (3') (H233517-28)**

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	07/11/2023	ND	2.28	114	2.00	3.41		
Toluene*	<0.050	0.050	07/11/2023	ND	2.26	113	2.00	4.50		
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	2.18	109	2.00	2.88		
Total Xylenes*	<0.150	0.150	07/11/2023	ND	6.75	112	6.00	3.33		
Total BTEX	<0.300	0.300	07/11/2023	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	176	16.0	07/12/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS							S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10*	<10.0	10.0	07/12/2023	ND	181	90.3	200	1.51			
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	179	89.6	200	2.84			
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND							

Surrogate: 1-Chlorooctane 135 % 48.2-134

Surrogate: 1-Chlorooctadecane 157 % 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: 07/11/2023  
 Reported: 07/12/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 07/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 271 (3') (H233517-29)**

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	07/11/2023	ND	2.28	114	2.00	3.41		
Toluene*	<0.050	0.050	07/11/2023	ND	2.26	113	2.00	4.50		
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	2.18	109	2.00	2.88		
Total Xylenes*	<0.150	0.150	07/11/2023	ND	6.75	112	6.00	3.33		
Total BTEX	<0.300	0.300	07/11/2023	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	64.0	16.0	07/12/2023	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	07/12/2023	ND	181	90.3	200	1.51		
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	179	89.6	200	2.84		
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND						

Surrogate: 1-Chlorooctane 120 % 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: 07/11/2023  
 Reported: 07/12/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 07/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 272 (3') (H233517-30)**

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	07/11/2023	ND	2.28	114	2.00	3.41		
Toluene*	<0.050	0.050	07/11/2023	ND	2.26	113	2.00	4.50		
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	2.18	109	2.00	2.88		
Total Xylenes*	<0.150	0.150	07/11/2023	ND	6.75	112	6.00	3.33		
Total BTEX	<0.300	0.300	07/11/2023	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	07/12/2023	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	07/12/2023	ND	181	90.3	200	1.51		
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	179	89.6	200	2.84		
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND						

Surrogate: 1-Chlorooctane 118 % 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:	07/11/2023	Sampling Date:	07/10/2023
Reported:	07/12/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 273 (3') (H233517-31)**

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	07/11/2023	ND	2.28	114	2.00	3.41	
Toluene*	<0.050	0.050	07/11/2023	ND	2.26	113	2.00	4.50	
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	2.18	109	2.00	2.88	
Total Xylenes*	<0.150	0.150	07/11/2023	ND	6.75	112	6.00	3.33	
Total BTEX	<0.300	0.300	07/11/2023	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	64.0	16.0	07/12/2023	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	07/12/2023	ND	181	90.3	200	1.51	
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	179	89.6	200	2.84	
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND					

Surrogate: 1-Chlorooctane 104 % 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: 07/11/2023  
 Reported: 07/12/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 07/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 274 (3') (H233517-32)**

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	07/11/2023	ND	2.28	114	2.00	3.41		
Toluene*	<0.050	0.050	07/11/2023	ND	2.26	113	2.00	4.50		
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	2.18	109	2.00	2.88		
Total Xylenes*	<0.150	0.150	07/11/2023	ND	6.75	112	6.00	3.33		
Total BTEX	<0.300	0.300	07/11/2023	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	07/12/2023	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	07/12/2023	ND	181	90.3	200	1.51		
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	179	89.6	200	2.84		
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND						

Surrogate: 1-Chlorooctane 97.8 % 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: 07/11/2023  
 Reported: 07/12/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 07/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 275 (3') (H233517-33)**

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	07/11/2023	ND	2.28	114	2.00	3.41	
Toluene*	<0.050	0.050	07/11/2023	ND	2.26	113	2.00	4.50	
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	2.18	109	2.00	2.88	
Total Xylenes*	<0.150	0.150	07/11/2023	ND	6.75	112	6.00	3.33	
Total BTEX	<0.300	0.300	07/11/2023	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	07/12/2023	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	07/12/2023	ND	181	90.3	200	1.51	
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	179	89.6	200	2.84	
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND					

Surrogate: 1-Chlorooctane 95.2 % 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: 07/11/2023  
 Reported: 07/12/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 07/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 276 (3') (H233517-34)**

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	07/11/2023	ND	2.28	114	2.00	3.41		
Toluene*	<0.050	0.050	07/11/2023	ND	2.26	113	2.00	4.50		
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	2.18	109	2.00	2.88		
Total Xylenes*	<0.150	0.150	07/11/2023	ND	6.75	112	6.00	3.33		
Total BTEX	<0.300	0.300	07/11/2023	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	64.0	16.0	07/12/2023	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	07/12/2023	ND	181	90.3	200	1.51		
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	179	89.6	200	2.84		
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND						

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	07/11/2023	Sampling Date:	07/10/2023
Reported:	07/12/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 277 (3') (H233517-35)**

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	07/11/2023	ND	2.28	114	2.00	3.41		
Toluene*	<0.050	0.050	07/11/2023	ND	2.26	113	2.00	4.50		
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	2.18	109	2.00	2.88		
Total Xylenes*	<0.150	0.150	07/11/2023	ND	6.75	112	6.00	3.33		
Total BTEX	<0.300	0.300	07/11/2023	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	07/12/2023	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	07/12/2023	ND	181	90.3	200	1.51		
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	179	89.6	200	2.84		
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND						

Surrogate: 1-Chlorooctane 129 % 48.2-134

Surrogate: 1-Chlorooctadecane 144 % 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: 07/11/2023  
 Reported: 07/12/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 07/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 278 (3') (H233517-36)**

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	07/11/2023	ND	2.28	114	2.00	3.41	
Toluene*	<0.050	0.050	07/11/2023	ND	2.26	113	2.00	4.50	
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	2.18	109	2.00	2.88	
Total Xylenes*	<0.150	0.150	07/11/2023	ND	6.75	112	6.00	3.33	
Total BTEX	<0.300	0.300	07/11/2023	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	48.0	16.0	07/12/2023	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	07/12/2023	ND	181	90.3	200	1.51	
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	179	89.6	200	2.84	
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND					

Surrogate: 1-Chlorooctane 104 % 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:	07/11/2023	Sampling Date:	07/10/2023
Reported:	07/12/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 279 (3') (H233517-37)**

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	07/11/2023	ND	2.28	114	2.00	3.41		
Toluene*	<0.050	0.050	07/11/2023	ND	2.26	113	2.00	4.50		
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	2.18	109	2.00	2.88		
Total Xylenes*	<0.150	0.150	07/11/2023	ND	6.75	112	6.00	3.33		
Total BTEX	<0.300	0.300	07/11/2023	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	07/12/2023	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	07/12/2023	ND	181	90.3	200	1.51		
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	179	89.6	200	2.84		
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND						

Surrogate: 1-Chlorooctane 90.8 % 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: 07/11/2023  
 Reported: 07/12/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 07/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 280 (3') (H233517-38)**

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	07/11/2023	ND	2.28	114	2.00	3.41		
Toluene*	<0.050	0.050	07/11/2023	ND	2.26	113	2.00	4.50		
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	2.18	109	2.00	2.88		
Total Xylenes*	<0.150	0.150	07/11/2023	ND	6.75	112	6.00	3.33		
Total BTEX	<0.300	0.300	07/11/2023	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	07/12/2023	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	07/12/2023	ND	181	90.3	200	1.51		
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	179	89.6	200	2.84		
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND						

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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**Analytical Results For:**

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

Received: 07/11/2023  
 Reported: 07/12/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 07/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 281 (3') (H233517-39)**

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	07/11/2023	ND	2.28	114	2.00	3.41		
Toluene*	<0.050	0.050	07/11/2023	ND	2.26	113	2.00	4.50		
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	2.18	109	2.00	2.88		
Total Xylenes*	<0.150	0.150	07/11/2023	ND	6.75	112	6.00	3.33		
Total BTEX	<0.300	0.300	07/11/2023	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	07/12/2023	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	07/12/2023	ND	181	90.3	200	1.51		
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	179	89.6	200	2.84		
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND						

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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**Analytical Results For:**

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

Received:	07/11/2023	Sampling Date:	07/10/2023
Reported:	07/12/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 282 (3') (H233517-40)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/11/2023	ND	1.75	87.3	2.00	7.51	
Toluene*	<0.050	0.050	07/11/2023	ND	1.74	87.0	2.00	7.88	
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	1.84	92.1	2.00	7.98	
Total Xylenes*	<0.150	0.150	07/11/2023	ND	5.53	92.1	6.00	7.21	
Total BTEX	<0.300	0.300	07/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	07/12/2023	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	07/11/2023	ND	177	88.5	200	7.58	
DRO >C10-C28*	<10.0	10.0	07/11/2023	ND	175	87.5	200	6.26	
EXT DRO >C28-C36	<10.0	10.0	07/11/2023	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: 07/11/2023  
 Reported: 07/12/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 07/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 283 (3') (H233517-41)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/11/2023	ND	1.75	87.3	2.00	7.51		
Toluene*	<0.050	0.050	07/11/2023	ND	1.74	87.0	2.00	7.88		
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	1.84	92.1	2.00	7.98		
Total Xylenes*	<0.150	0.150	07/11/2023	ND	5.53	92.1	6.00	7.21		
Total BTEX	<0.300	0.300	07/11/2023	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	
Chloride	48.0	16.0	07/12/2023	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	07/12/2023	ND	177	88.5	200	7.58		
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	175	87.5	200	6.26		
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND						

Surrogate: 1-Chlorooctane 134 % 48.2-134

Surrogate: 1-Chlorooctadecane 148 % 49.1-148

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**Analytical Results For:**

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

Received: 07/11/2023  
 Reported: 07/12/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 07/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 284 (3') (H233517-42)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/11/2023	ND	1.75	87.3	2.00	7.51		
Toluene*	<0.050	0.050	07/11/2023	ND	1.74	87.0	2.00	7.88		
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	1.84	92.1	2.00	7.98		
Total Xylenes*	<0.150	0.150	07/11/2023	ND	5.53	92.1	6.00	7.21		
Total BTEX	<0.300	0.300	07/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	07/12/2023	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	07/12/2023	ND	177	88.5	200	7.58		
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	175	87.5	200	6.26		
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND						

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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**Analytical Results For:**

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

Received: 07/11/2023  
 Reported: 07/12/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 07/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 285 (3') (H233517-43)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/11/2023	ND	1.75	87.3	2.00	7.51	
Toluene*	<0.050	0.050	07/11/2023	ND	1.74	87.0	2.00	7.88	
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	1.84	92.1	2.00	7.98	
Total Xylenes*	<0.150	0.150	07/11/2023	ND	5.53	92.1	6.00	7.21	
Total BTEX	<0.300	0.300	07/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 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	07/12/2023	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	07/11/2023	ND	177	88.5	200	7.58	
DRO >C10-C28*	<10.0	10.0	07/11/2023	ND	175	87.5	200	6.26	
EXT DRO >C28-C36	<10.0	10.0	07/11/2023	ND					

Surrogate: 1-Chlorooctane 128 % 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: 07/11/2023  
 Reported: 07/12/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 07/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 286 (3') (H233517-44)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/11/2023	ND	1.75	87.3	2.00	7.51	
Toluene*	<0.050	0.050	07/11/2023	ND	1.74	87.0	2.00	7.88	
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	1.84	92.1	2.00	7.98	
Total Xylenes*	<0.150	0.150	07/11/2023	ND	5.53	92.1	6.00	7.21	
Total BTEX	<0.300	0.300	07/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	07/12/2023	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	07/12/2023	ND	177	88.5	200	7.58		
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	175	87.5	200	6.26		
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND						

Surrogate: 1-Chlorooctane 132 % 48.2-134

Surrogate: 1-Chlorooctadecane 156 % 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:	07/11/2023	Sampling Date:	07/10/2023
Reported:	07/12/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 287 (3') (H233517-45)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/11/2023	ND	1.75	87.3	2.00	7.51	
Toluene*	<0.050	0.050	07/11/2023	ND	1.74	87.0	2.00	7.88	
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	1.84	92.1	2.00	7.98	
Total Xylenes*	<0.150	0.150	07/11/2023	ND	5.53	92.1	6.00	7.21	
Total BTEX	<0.300	0.300	07/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	07/12/2023	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	07/12/2023	ND	177	88.5	200	7.58		
DRO >C10-C28*	133	10.0	07/12/2023	ND	175	87.5	200	6.26		
EXT DRO >C28-C36	32.0	10.0	07/12/2023	ND						

Surrogate: 1-Chlorooctane 152 % 48.2-134

Surrogate: 1-Chlorooctadecane 199 % 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:	07/11/2023	Sampling Date:	07/10/2023
Reported:	07/12/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 288 (3') (H233517-46)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/11/2023	ND	1.75	87.3	2.00	7.51		
Toluene*	<0.050	0.050	07/11/2023	ND	1.74	87.0	2.00	7.88		
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	1.84	92.1	2.00	7.98		
Total Xylenes*	<0.150	0.150	07/11/2023	ND	5.53	92.1	6.00	7.21		
Total BTEX	<0.300	0.300	07/11/2023	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	
Chloride	48.0	16.0	07/12/2023	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	07/12/2023	ND	177	88.5	200	7.58		
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	175	87.5	200	6.26		
<b>EXT DRO &gt;C28-C36</b>	<b>17.4</b>	10.0	07/12/2023	ND						

Surrogate: 1-Chlorooctane 124 % 48.2-134

Surrogate: 1-Chlorooctadecane 144 % 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:	07/11/2023	Sampling Date:	07/10/2023
Reported:	07/12/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 289 (3') (H233517-47)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/11/2023	ND	1.75	87.3	2.00	7.51	
Toluene*	<0.050	0.050	07/11/2023	ND	1.74	87.0	2.00	7.88	
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	1.84	92.1	2.00	7.98	
Total Xylenes*	<0.150	0.150	07/11/2023	ND	5.53	92.1	6.00	7.21	
Total BTEX	<0.300	0.300	07/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	07/12/2023	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	07/12/2023	ND	177	88.5	200	7.58		
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	175	87.5	200	6.26		
EXT DRO >C28-C36	10.7	10.0	07/12/2023	ND						

Surrogate: 1-Chlorooctane 132 % 48.2-134

Surrogate: 1-Chlorooctadecane 152 % 49.1-148

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**Analytical Results For:**

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

Received: 07/11/2023  
 Reported: 07/12/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 07/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 290 (3') (H233517-48)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/11/2023	ND	1.75	87.3	2.00	7.51	
Toluene*	<0.050	0.050	07/11/2023	ND	1.74	87.0	2.00	7.88	
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	1.84	92.1	2.00	7.98	
Total Xylenes*	<0.150	0.150	07/11/2023	ND	5.53	92.1	6.00	7.21	
Total BTEX	<0.300	0.300	07/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	07/12/2023	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	07/12/2023	ND	177	88.5	200	7.58		
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	175	87.5	200	6.26		
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND						

Surrogate: 1-Chlorooctane 141 % 48.2-134

Surrogate: 1-Chlorooctadecane 167 % 49.1-148

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**Analytical Results For:**

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

Received: 07/11/2023  
 Reported: 07/12/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 07/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 291 (3') (H233517-49)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/11/2023	ND	1.75	87.3	2.00	7.51	
Toluene*	<0.050	0.050	07/11/2023	ND	1.74	87.0	2.00	7.88	
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	1.84	92.1	2.00	7.98	
Total Xylenes*	<0.150	0.150	07/11/2023	ND	5.53	92.1	6.00	7.21	
Total BTEX	<0.300	0.300	07/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	07/12/2023	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	07/12/2023	ND	177	88.5	200	7.58	
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	175	87.5	200	6.26	
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND					

Surrogate: 1-Chlorooctane 111 % 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:	07/11/2023	Sampling Date:	07/10/2023
Reported:	07/12/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 292 (3') (H233517-50)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/11/2023	ND	1.75	87.3	2.00	7.51	
Toluene*	<0.050	0.050	07/11/2023	ND	1.74	87.0	2.00	7.88	
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	1.84	92.1	2.00	7.98	
Total Xylenes*	<0.150	0.150	07/11/2023	ND	5.53	92.1	6.00	7.21	
Total BTEX	<0.300	0.300	07/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	07/12/2023	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	07/12/2023	ND	177	88.5	200	7.58	
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	175	87.5	200	6.26	
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND					

Surrogate: 1-Chlorooctane 99.2 % 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:	07/11/2023	Sampling Date:	07/10/2023
Reported:	07/12/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 293 (3') (H233517-51)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/11/2023	ND	1.75	87.3	2.00	7.51	
Toluene*	<0.050	0.050	07/11/2023	ND	1.74	87.0	2.00	7.88	
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	1.84	92.1	2.00	7.98	
Total Xylenes*	<0.150	0.150	07/11/2023	ND	5.53	92.1	6.00	7.21	
Total BTEX	<0.300	0.300	07/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	07/12/2023	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	07/12/2023	ND	177	88.5	200	7.58		
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	175	87.5	200	6.26		
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND						

Surrogate: 1-Chlorooctane 140 % 48.2-134

Surrogate: 1-Chlorooctadecane 160 % 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:	07/11/2023	Sampling Date:	07/10/2023
Reported:	07/12/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: SW - 36 (3') (H233517-52)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/11/2023	ND	1.75	87.3	2.00	7.51	
Toluene*	<0.050	0.050	07/11/2023	ND	1.74	87.0	2.00	7.88	
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	1.84	92.1	2.00	7.98	
Total Xylenes*	<0.150	0.150	07/11/2023	ND	5.53	92.1	6.00	7.21	
Total BTEX	<0.300	0.300	07/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	07/12/2023	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	07/12/2023	ND	177	88.5	200	7.58		
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	175	87.5	200	6.26		
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND						

Surrogate: 1-Chlorooctane 159 % 48.2-134

Surrogate: 1-Chlorooctadecane 184 % 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: 07/11/2023  
 Reported: 07/12/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 07/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 50 (3') (H233517-53)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/11/2023	ND	1.75	87.3	2.00	7.51	
Toluene*	<0.050	0.050	07/11/2023	ND	1.74	87.0	2.00	7.88	
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	1.84	92.1	2.00	7.98	
Total Xylenes*	<0.150	0.150	07/11/2023	ND	5.53	92.1	6.00	7.21	
Total BTEX	<0.300	0.300	07/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	07/12/2023	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	07/12/2023	ND	177	88.5	200	7.58	
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	175	87.5	200	6.26	
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND					

Surrogate: 1-Chlorooctane 128 % 48.2-134

Surrogate: 1-Chlorooctadecane 147 % 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: 07/11/2023  
 Reported: 07/12/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 07/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 51 (3') (H233517-54)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/11/2023	ND	1.75	87.3	2.00	7.51	
Toluene*	<0.050	0.050	07/11/2023	ND	1.74	87.0	2.00	7.88	
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	1.84	92.1	2.00	7.98	
Total Xylenes*	<0.150	0.150	07/11/2023	ND	5.53	92.1	6.00	7.21	
Total BTEX	<0.300	0.300	07/11/2023	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
Chloride	64.0	16.0	07/12/2023	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	07/12/2023	ND	177	88.5	200	7.58		
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	175	87.5	200	6.26		
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND						

Surrogate: 1-Chlorooctane 146 % 48.2-134

Surrogate: 1-Chlorooctadecane 174 % 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:	07/11/2023	Sampling Date:	07/10/2023
Reported:	07/12/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: SW - 52 (3') (H233517-55)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/11/2023	ND	1.75	87.3	2.00	7.51		
Toluene*	<0.050	0.050	07/11/2023	ND	1.74	87.0	2.00	7.88		
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	1.84	92.1	2.00	7.98		
Total Xylenes*	<0.150	0.150	07/11/2023	ND	5.53	92.1	6.00	7.21		
Total BTEX	<0.300	0.300	07/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	07/11/2023	ND	416	104	400	0.00	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/12/2023	ND	177	88.5	200	7.58		
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	175	87.5	200	6.26		
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND						

Surrogate: 1-Chlorooctane 115 % 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: 07/11/2023  
 Reported: 07/12/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 07/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 53 (3') (H233517-56)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/11/2023	ND	1.75	87.3	2.00	7.51	
Toluene*	<0.050	0.050	07/11/2023	ND	1.74	87.0	2.00	7.88	
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	1.84	92.1	2.00	7.98	
Total Xylenes*	<0.150	0.150	07/11/2023	ND	5.53	92.1	6.00	7.21	
Total BTEX	<0.300	0.300	07/11/2023	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>48.0</b>	16.0	07/12/2023	ND	416	104	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	
GRO C6-C10*	<10.0	10.0	07/12/2023	ND	177	88.5	200	7.58		
<b>DRO &gt;C10-C28*</b>	<b>16.6</b>	10.0	07/12/2023	ND	175	87.5	200	6.26		
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND						

Surrogate: 1-Chlorooctane 175 % 48.2-134

Surrogate: 1-Chlorooctadecane 197 % 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: 07/11/2023  
 Reported: 07/12/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 07/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 54 (3') (H233517-57)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/11/2023	ND	1.75	87.3	2.00	7.51	
Toluene*	<0.050	0.050	07/11/2023	ND	1.74	87.0	2.00	7.88	
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	1.84	92.1	2.00	7.98	
Total Xylenes*	<0.150	0.150	07/11/2023	ND	5.53	92.1	6.00	7.21	
Total BTEX	<0.300	0.300	07/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	07/12/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2023	ND	177	88.5	200	7.58	
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	175	87.5	200	6.26	
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND					

Surrogate: 1-Chlorooctane 127 % 48.2-134

Surrogate: 1-Chlorooctadecane 145 % 49.1-148

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**Analytical Results For:**

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

Received:	07/11/2023	Sampling Date:	07/10/2023
Reported:	07/12/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: SW - 55 (3') (H233517-58)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/11/2023	ND	1.75	87.3	2.00	7.51	
Toluene*	<0.050	0.050	07/11/2023	ND	1.74	87.0	2.00	7.88	
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	1.84	92.1	2.00	7.98	
Total Xylenes*	<0.150	0.150	07/11/2023	ND	5.53	92.1	6.00	7.21	
Total BTEX	<0.300	0.300	07/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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>16.0</b>	16.0	07/12/2023	ND	416	104	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	
GRO C6-C10*	<10.0	10.0	07/12/2023	ND	177	88.5	200	7.58		
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	175	87.5	200	6.26		
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND						

Surrogate: 1-Chlorooctane 158 % 48.2-134

Surrogate: 1-Chlorooctadecane 180 % 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:	07/11/2023	Sampling Date:	07/10/2023
Reported:	07/12/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: SW - 56 (10') (H233517-59)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2023	ND	1.75	87.3	2.00	7.51	
Toluene*	<0.050	0.050	07/12/2023	ND	1.74	87.0	2.00	7.88	
Ethylbenzene*	<0.050	0.050	07/12/2023	ND	1.84	92.1	2.00	7.98	
Total Xylenes*	<0.150	0.150	07/12/2023	ND	5.53	92.1	6.00	7.21	
Total BTEX	<0.300	0.300	07/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	07/12/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2023	ND	177	88.5	200	7.58	
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	175	87.5	200	6.26	
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 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:	07/11/2023	Sampling Date:	07/10/2023
Reported:	07/12/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: SW - 57 (10') (H233517-60)**

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	07/11/2023	ND	1.86	93.0	2.00	1.06		
Toluene*	<0.050	0.050	07/11/2023	ND	1.84	91.9	2.00	0.771		
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	1.83	91.5	2.00	0.496		
Total Xylenes*	<0.150	0.150	07/11/2023	ND	5.61	93.5	6.00	0.395		
Total BTEX	<0.300	0.300	07/11/2023	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>48.0</b>	16.0	07/12/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/12/2023	ND	190	95.2	200	7.73		
<b>DRO &gt;C10-C28*</b>	<b>13.5</b>	10.0	07/12/2023	ND	204	102	200	15.8		
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND						

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 07/11/2023  
 Reported: 07/12/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 07/10/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 58 (12') (H233517-61)**

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	07/11/2023	ND	1.86	93.0	2.00	1.06	
Toluene*	<0.050	0.050	07/11/2023	ND	1.84	91.9	2.00	0.771	
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	1.83	91.5	2.00	0.496	
Total Xylenes*	<0.150	0.150	07/11/2023	ND	5.61	93.5	6.00	0.395	
Total BTEX	<0.300	0.300	07/11/2023	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
Chloride	112	16.0	07/12/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2023	ND	190	95.2	200	7.73	
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	204	102	200	15.8	
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 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:	07/11/2023	Sampling Date:	07/10/2023
Reported:	07/12/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: SW - 59 (12') (H233517-62)**

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	07/11/2023	ND	1.86	93.0	2.00	1.06	
Toluene*	<0.050	0.050	07/11/2023	ND	1.84	91.9	2.00	0.771	
Ethylbenzene*	<0.050	0.050	07/11/2023	ND	1.83	91.5	2.00	0.496	
Total Xylenes*	<0.150	0.150	07/11/2023	ND	5.61	93.5	6.00	0.395	
Total BTEX	<0.300	0.300	07/11/2023	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	48.0	16.0	07/12/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2023	ND	190	95.2	200	7.73	
DRO >C10-C28*	<10.0	10.0	07/12/2023	ND	204	102	200	15.8	
EXT DRO >C28-C36	<10.0	10.0	07/12/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 49.1-148

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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.
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:

H 23357

Page 2 of 7

Project Manager:	Comner 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"/> Rowfields <input type="checkbox"/> RC <input type="checkbox"/> <input type="checkbox"/> perfund
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
Deliverables: EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	Sidewinder Riser Release	Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes					
		<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush		Due Date:	24 Hours																
Project Number:	2049																None: NO	DI Water: H <sub>2</sub> O				
Project Location:	Lea County, New Mexico																Cool: Cool	MeOH: Me				
Sampler's Name:	GRJ/JR																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"/>	Well Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													H <sub>3</sub> PO <sub>4</sub> : HP					
Received Intact:	Thermometer ID:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													NaHSO <sub>4</sub> : NABIS					
Cooler Custody Seals:	Temperature Reading:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Corrected Temperature:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub>					
Sample Custody Seals:	Corrected Temperature:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Corrected Temperature:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													Zn Acetate+NaOH: Zn					
Total Containers:																	NaOH+Ascorbic Acid: SAPC					
Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Parameters												Sample Comments			
CS-252 (3.25')	7/10/2023		X		C	1	X	X	X	BTEX 8021B												
CS-254 (10')	7/10/2023		X		C	1	X	X	X	TPH 8015M ( GRO + DRO + MRO)												
CS-255 (10')	7/10/2023		X		C	1	X	X	X	Chloride 4500												
CS-256 (12')	7/10/2023		X		C	1	X	X	X													
CS-257 (12')	7/10/2023		X		C	1	X	X	X													
CS-258 (3')	7/10/2023		X		C	1	X	X	X													
CS-259 (3')	7/10/2023		X		C	1	X	X	X													
CS-260 (3')	7/10/2023		X		C	1	X	X	X													
CS-261 (3')	7/10/2023		X		C	1	X	X	X													
CS-262 (3')	7/10/2023		X		C	1	X	X	X													

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	7/11/23 1110		

Chain of Custody

Work Order No: H233517

Page 3 of 7

Page 67 of 71

Project Manager:	Conner Moehring	Bill ID: (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"/> Inland
State of Project:	
Reporting Level II	<input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV
Deliverables: EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other

Project Name:	Sidewinder Riser Release	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	
Project Number:	2049	Due Date:	24 Hours		
Project Location:	Lea County, New Mexico				
Sampler's Name:	GPJJR				
PO #:					
<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"/>	
Received In tact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:		140	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:			
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:		3.4	
Total Containers:		Corrected Temperature:			

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST			Preservative Codes
							BTEX 8021B	TPH 8015M ( GRO + DRO + MRO)	Chloride 4500	
CS-263 (3)	7/10/2023		X		C	1	X	X	X	None: NO 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>5</sub> : NaSO <sub>3</sub> Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
CS-264 (3)	7/10/2023		X		C	1	X	X	X	
CS-265 (3)	7/10/2023		X		C	1	X	X	X	
CS-266 (3)	7/10/2023		X		C	1	X	X	X	
CS-267 (3)	7/10/2023		X		C	1	X	X	X	
CS-268 (3)	7/10/2023		X		C	1	X	X	X	
CS-269 (3)	7/10/2023		X		C	1	X	X	X	
CS-270 (3)	7/10/2023		X		C	1	X	X	X	
CS-271 (3)	7/10/2023		X		C	1	X	X	X	
CS-272 (3)	7/10/2023		X		C	1	X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	7/11/23 1110		

Chain of Custody

Work Order No: A233517

Page 4 of 7

Page 68 of 71

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

Program:	UST/PST	<input type="checkbox"/> PRP	<input type="checkbox"/> Brownfields	<input type="checkbox"/> RC	<input type="checkbox"/> Refund
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:	Project Number:	Project Location	Sampler's Name:	PO #:	Turn Around		Due Date:	Pres. Code	ANALYSIS REQUEST			Preservative Codes
					<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush			24 Hours	BTEX 8021B	TPH 8015M ( GRO + DRO + MRO)	
Sidewinder Riser Release	2049	Lea County, New Mexico	GPJJR		<input type="checkbox"/>	<input checked="" type="checkbox"/>	24 Hours					None: NO DI Water: H <sub>2</sub> O 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>5</sub> : NaSO <sub>3</sub> Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
<b>SAMPLE RECEIPT</b>					Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
Received In tact:					Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:		Temperature Reading:				
Cooler Custody Seals:					Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:		Corrected Temperature:				
Sample Custody Seals:					Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:		Corrected Temperature:				
Total Containers:												
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont				Sample Comments		
CS-273 (3)	7/10/2023		X		C	1	X	X	X			
CS-274 (3)	7/10/2023		X		C	1	X	X	X			
CS-275 (3)	7/10/2023		X		C	1	X	X	X			
CS-276 (3)	7/10/2023		X		C	1	X	X	X			
CS-277 (3)	7/10/2023		X		C	1	X	X	X			
CS-278 (3)	7/10/2023		X		C	1	X	X	X			
CS-279 (3)	7/10/2023		X		C	1	X	X	X			
CS-280 (3)	7/10/2023		X		C	1	X	X	X			
CS-281 (3)	7/10/2023		X		C	1	X	X	X			
CS-282 (3)	7/10/2023		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
	7/11/23 1110		





Chain of Custody

Work Order No:

483357

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"/> Rowfields	<input type="checkbox"/> RC	<input type="checkbox"/> Refund
State of Project:	Reporting Level II	<input type="checkbox"/> Level III	<input type="checkbox"/> ST/UST	<input type="checkbox"/> BRP	<input type="checkbox"/> Level IV
Deliverables:	EDD	<input type="checkbox"/> ADAPT	<input type="checkbox"/>	Other:	

Project Name:	Sidewinder Riser Release	Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes					
		<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush		Due Date:	24 Hours																
Project Number:	2049																None: NO					
Project Location:	Lea County, New Mexico																DI Water: H <sub>2</sub> O					
Sampler's Name:	GP/JJR																MeOH: Me					
PO #:																	HCL: HC					
SAMPLE RECEIPT	Temp Blank:	Yes <input checked="" type="checkbox"/> No	Wet Ice:	Yes <input checked="" type="checkbox"/> No													H <sub>2</sub> S <sub>2</sub> O <sub>4</sub> : H <sub>2</sub>					
	Received Intact:	Yes <input checked="" type="checkbox"/> No	Thermometer ID:	740													H <sub>3</sub> PO <sub>4</sub> : HP					
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No	Correction Factor:	Temperature Reading:	8.4													NaHSO <sub>4</sub> : NABIS					
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No	Temperature Reading:	Corrected Temperature:														Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>					
Total Containers:																	Zn Acetate+NaOH: Zn					
																	NaOH+Ascorbic Acid: SAPC					
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters												Sample Comments			
SW-58 (12)	7/10/2023		X		C	1	X	X	X	BTEX 8021B												
SW-59 (12)	7/10/2023		X		C	1	X	X	X	TPH 8015M ( GRO + DRO + MRO)												
										Chloride 4500												

Comments: Email to Mike Carmona / Mccarmona@carmonareresources.com and Conner Moehring / Cmoehring@carmonareresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	7/11/23 1110		



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

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July 19, 2023

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

RE: SIDEWINDER RISER RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 07/18/23 8:06.

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: 07/18/2023  
 Reported: 07/19/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 07/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 238 (3.25') (H233707-01)**

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	07/18/2023	ND	2.19	109	2.00	3.00		
Toluene*	<0.050	0.050	07/18/2023	ND	2.14	107	2.00	2.75		
Ethylbenzene*	<0.050	0.050	07/18/2023	ND	2.09	104	2.00	2.72		
Total Xylenes*	<0.150	0.150	07/18/2023	ND	6.27	104	6.00	2.37		
Total BTEX	<0.300	0.300	07/18/2023	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	48.0	16.0	07/18/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/18/2023	ND	175	87.5	200	0.899		
DRO >C10-C28*	<10.0	10.0	07/18/2023	ND	177	88.3	200	0.0447		
EXT DRO >C28-C36	<10.0	10.0	07/18/2023	ND						

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 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: 07/18/2023  
 Reported: 07/19/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 07/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 245 (3.5') (H233707-02)**

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	07/18/2023	ND	2.19	109	2.00	3.00		
Toluene*	<0.050	0.050	07/18/2023	ND	2.14	107	2.00	2.75		
Ethylbenzene*	<0.050	0.050	07/18/2023	ND	2.09	104	2.00	2.72		
Total Xylenes*	<0.150	0.150	07/18/2023	ND	6.27	104	6.00	2.37		
Total BTEX	<0.300	0.300	07/18/2023	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	48.0	16.0	07/18/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/18/2023	ND	175	87.5	200	0.899		
DRO >C10-C28*	<10.0	10.0	07/18/2023	ND	177	88.3	200	0.0447		
EXT DRO >C28-C36	<10.0	10.0	07/18/2023	ND						

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 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: 07/18/2023  
 Reported: 07/19/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 07/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 287 (3.25') (H233707-03)**

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	07/18/2023	ND	2.19	109	2.00	3.00		
Toluene*	<0.050	0.050	07/18/2023	ND	2.14	107	2.00	2.75		
Ethylbenzene*	<0.050	0.050	07/18/2023	ND	2.09	104	2.00	2.72		
Total Xylenes*	<0.150	0.150	07/18/2023	ND	6.27	104	6.00	2.37		
Total BTEX	<0.300	0.300	07/18/2023	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	32.0	16.0	07/18/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/18/2023	ND	175	87.5	200	0.899		
DRO >C10-C28*	<10.0	10.0	07/18/2023	ND	177	88.3	200	0.0447		
EXT DRO >C28-C36	<10.0	10.0	07/18/2023	ND						

Surrogate: 1-Chlorooctane 83.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.4 % 49.1-148

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\*=Accredited Analyte

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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





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July 26, 2023

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

RE: SIDEWINDER RISER RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 07/25/23 14:00.

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:	07/25/2023	Sampling Date:	07/21/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 294 (3') (H233877-01)**

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	07/25/2023	ND	2.07	104	2.00	2.73	
Toluene*	<0.050	0.050	07/25/2023	ND	2.00	99.8	2.00	3.09	
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.05	102	2.00	1.98	
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.15	102	6.00	1.70	
Total BTEX	<0.300	0.300	07/25/2023	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
Chloride	176	16.0	07/26/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2023	ND	193	96.4	200	2.67	
DRO >C10-C28*	<10.0	10.0	07/25/2023	ND	205	102	200	0.0244	
EXT DRO >C28-C36	<10.0	10.0	07/25/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 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:	07/25/2023	Sampling Date:	07/21/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 295 (3') (H233877-02)**

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	07/25/2023	ND	2.07	104	2.00	2.73	
Toluene*	<0.050	0.050	07/25/2023	ND	2.00	99.8	2.00	3.09	
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.05	102	2.00	1.98	
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.15	102	6.00	1.70	
Total BTEX	<0.300	0.300	07/25/2023	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	176	16.0	07/26/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2023	ND	193	96.4	200	2.67	
DRO >C10-C28*	<10.0	10.0	07/25/2023	ND	205	102	200	0.0244	
EXT DRO >C28-C36	<10.0	10.0	07/25/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	07/25/2023	Sampling Date:	07/21/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 296 (3') (H233877-03)**

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	07/25/2023	ND	2.07	104	2.00	2.73	
Toluene*	<0.050	0.050	07/25/2023	ND	2.00	99.8	2.00	3.09	
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.05	102	2.00	1.98	
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.15	102	6.00	1.70	
Total BTEX	<0.300	0.300	07/25/2023	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	07/26/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2023	ND	193	96.4	200	2.67	
DRO >C10-C28*	<10.0	10.0	07/25/2023	ND	205	102	200	0.0244	
EXT DRO >C28-C36	<10.0	10.0	07/25/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 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:	07/25/2023	Sampling Date:	07/21/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 297 (3') (H233877-04)**

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	07/25/2023	ND	2.07	104	2.00	2.73		
Toluene*	<0.050	0.050	07/25/2023	ND	2.00	99.8	2.00	3.09		
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.05	102	2.00	1.98		
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.15	102	6.00	1.70		
Total BTEX	<0.300	0.300	07/25/2023	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	07/26/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/25/2023	ND	193	96.4	200	2.67		
DRO >C10-C28*	<10.0	10.0	07/25/2023	ND	205	102	200	0.0244		
EXT DRO >C28-C36	<10.0	10.0	07/25/2023	ND						

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 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:	07/25/2023	Sampling Date:	07/21/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 298 (5') (H233877-05)**

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	07/25/2023	ND	2.07	104	2.00	2.73	
Toluene*	<0.050	0.050	07/25/2023	ND	2.00	99.8	2.00	3.09	
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.05	102	2.00	1.98	
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.15	102	6.00	1.70	
Total BTEX	<0.300	0.300	07/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 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	07/26/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2023	ND	193	96.4	200	2.67	
DRO >C10-C28*	<10.0	10.0	07/25/2023	ND	205	102	200	0.0244	
EXT DRO >C28-C36	<10.0	10.0	07/25/2023	ND					

Surrogate: 1-Chlorooctane 124 % 48.2-134

Surrogate: 1-Chlorooctadecane 139 % 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:	07/25/2023	Sampling Date:	07/21/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 299 (5') (H233877-06)**

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	07/25/2023	ND	2.07	104	2.00	2.73	
Toluene*	<0.050	0.050	07/25/2023	ND	2.00	99.8	2.00	3.09	
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.05	102	2.00	1.98	
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.15	102	6.00	1.70	
Total BTEX	<0.300	0.300	07/25/2023	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	96.0	16.0	07/26/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2023	ND	193	96.4	200	2.67	
DRO >C10-C28*	<10.0	10.0	07/25/2023	ND	205	102	200	0.0244	
EXT DRO >C28-C36	<10.0	10.0	07/25/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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**Analytical Results For:**

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

Received:	07/25/2023	Sampling Date:	07/21/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 300 (5') (H233877-07)**

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	07/25/2023	ND	2.07	104	2.00	2.73	
Toluene*	<0.050	0.050	07/25/2023	ND	2.00	99.8	2.00	3.09	
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.05	102	2.00	1.98	
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.15	102	6.00	1.70	
Total BTEX	<0.300	0.300	07/25/2023	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	07/26/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2023	ND	193	96.4	200	2.67	
DRO >C10-C28*	<10.0	10.0	07/25/2023	ND	205	102	200	0.0244	
EXT DRO >C28-C36	<10.0	10.0	07/25/2023	ND					

Surrogate: 1-Chlorooctane 105 % 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: 07/25/2023  
 Reported: 07/26/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 07/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shari Cisneros

**Sample ID: CS - 301 (5') (H233877-08)**

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	07/25/2023	ND	2.07	104	2.00	2.73	
Toluene*	<0.050	0.050	07/25/2023	ND	2.00	99.8	2.00	3.09	
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.05	102	2.00	1.98	
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.15	102	6.00	1.70	
Total BTEX	<0.300	0.300	07/25/2023	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	128	16.0	07/26/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2023	ND	193	96.4	200	2.67	
DRO >C10-C28*	<10.0	10.0	07/25/2023	ND	205	102	200	0.0244	
EXT DRO >C28-C36	<10.0	10.0	07/25/2023	ND					

Surrogate: 1-Chlorooctane 113 % 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:	07/25/2023	Sampling Date:	07/21/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 302 (5') (H233877-09)**

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	07/25/2023	ND	2.07	104	2.00	2.73	
Toluene*	<0.050	0.050	07/25/2023	ND	2.00	99.8	2.00	3.09	
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.05	102	2.00	1.98	
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.15	102	6.00	1.70	
Total BTEX	<0.300	0.300	07/25/2023	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	07/26/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2023	ND	193	96.4	200	2.67	
DRO >C10-C28*	<10.0	10.0	07/25/2023	ND	205	102	200	0.0244	
EXT DRO >C28-C36	<10.0	10.0	07/25/2023	ND					

Surrogate: 1-Chlorooctane 104 % 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:	07/25/2023	Sampling Date:	07/21/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 303 (5') (H233877-10)**

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	07/25/2023	ND	2.07	104	2.00	2.73	
Toluene*	<0.050	0.050	07/25/2023	ND	2.00	99.8	2.00	3.09	
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.05	102	2.00	1.98	
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.15	102	6.00	1.70	
Total BTEX	<0.300	0.300	07/25/2023	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	80.0	16.0	07/26/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2023	ND	193	96.4	200	2.67	
DRO >C10-C28*	<10.0	10.0	07/25/2023	ND	205	102	200	0.0244	
EXT DRO >C28-C36	<10.0	10.0	07/25/2023	ND					

Surrogate: 1-Chlorooctane 86.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.6 % 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:	07/25/2023	Sampling Date:	07/21/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 304 (5') (H233877-11)**

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	07/25/2023	ND	2.07	104	2.00	2.73	
Toluene*	<0.050	0.050	07/25/2023	ND	2.00	99.8	2.00	3.09	
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.05	102	2.00	1.98	
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.15	102	6.00	1.70	
Total BTEX	<0.300	0.300	07/25/2023	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	07/26/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/26/2023	ND	193	96.4	200	2.67	
DRO >C10-C28*	<10.0	10.0	07/26/2023	ND	205	102	200	0.0244	
EXT DRO >C28-C36	<10.0	10.0	07/26/2023	ND					

Surrogate: 1-Chlorooctane 85.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.3 % 49.1-148

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**Analytical Results For:**

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

Received:	07/25/2023	Sampling Date:	07/21/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 305 (5') (H233877-12)**

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	07/25/2023	ND	2.07	104	2.00	2.73	
Toluene*	<0.050	0.050	07/25/2023	ND	2.00	99.8	2.00	3.09	
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.05	102	2.00	1.98	
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.15	102	6.00	1.70	
Total BTEX	<0.300	0.300	07/25/2023	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	07/26/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/26/2023	ND	193	96.4	200	2.67	
DRO >C10-C28*	<10.0	10.0	07/26/2023	ND	205	102	200	0.0244	
EXT DRO >C28-C36	<10.0	10.0	07/26/2023	ND					

Surrogate: 1-Chlorooctane 88.8 % 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:	07/25/2023	Sampling Date:	07/21/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 306 (5') (H233877-13)**

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	07/25/2023	ND	2.07	104	2.00	2.73	
Toluene*	<0.050	0.050	07/25/2023	ND	2.00	99.8	2.00	3.09	
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.05	102	2.00	1.98	
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.15	102	6.00	1.70	
Total BTEX	<0.300	0.300	07/25/2023	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	16.0	16.0	07/26/2023	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	07/26/2023	ND	193	96.4	200	2.67	
DRO >C10-C28*	<10.0	10.0	07/26/2023	ND	205	102	200	0.0244	
EXT DRO >C28-C36	<10.0	10.0	07/26/2023	ND					

Surrogate: 1-Chlorooctane 89.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	07/25/2023	Sampling Date:	07/21/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 307 (5') (H233877-14)**

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	07/25/2023	ND	2.07	104	2.00	2.73		
Toluene*	<0.050	0.050	07/25/2023	ND	2.00	99.8	2.00	3.09		
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.05	102	2.00	1.98		
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.15	102	6.00	1.70		
Total BTEX	<0.300	0.300	07/25/2023	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	112	16.0	07/26/2023	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	07/26/2023	ND	193	96.4	200	2.67		
DRO >C10-C28*	<10.0	10.0	07/26/2023	ND	205	102	200	0.0244		
EXT DRO >C28-C36	<10.0	10.0	07/26/2023	ND						

Surrogate: 1-Chlorooctane 101 % 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:	07/25/2023	Sampling Date:	07/21/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 308 (5') (H233877-15)**

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	07/25/2023	ND	2.07	104	2.00	2.73	
Toluene*	<0.050	0.050	07/25/2023	ND	2.00	99.8	2.00	3.09	
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.05	102	2.00	1.98	
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.15	102	6.00	1.70	
Total BTEX	<0.300	0.300	07/25/2023	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	32.0	16.0	07/26/2023	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	07/26/2023	ND	193	96.4	200	2.67	
DRO >C10-C28*	<10.0	10.0	07/26/2023	ND	205	102	200	0.0244	
EXT DRO >C28-C36	<10.0	10.0	07/26/2023	ND					

Surrogate: 1-Chlorooctane 91.8 % 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:	07/25/2023	Sampling Date:	07/21/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 309 (5') (H233877-16)**

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	07/25/2023	ND	2.07	104	2.00	2.73	
Toluene*	<0.050	0.050	07/25/2023	ND	2.00	99.8	2.00	3.09	
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.05	102	2.00	1.98	
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.15	102	6.00	1.70	
Total BTEX	<0.300	0.300	07/25/2023	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	32.0	16.0	07/26/2023	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	07/26/2023	ND	193	96.4	200	2.67	
DRO >C10-C28*	<10.0	10.0	07/26/2023	ND	205	102	200	0.0244	
EXT DRO >C28-C36	<10.0	10.0	07/26/2023	ND					

Surrogate: 1-Chlorooctane 85.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.9 % 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:	07/25/2023	Sampling Date:	07/21/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 310 (5') (H233877-17)**

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	07/25/2023	ND	1.98	99.1	2.00	2.09	
Toluene*	<0.050	0.050	07/25/2023	ND	2.10	105	2.00	3.05	
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.04	102	2.00	1.99	
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.01	100	6.00	2.00	
Total BTEX	<0.300	0.300	07/25/2023	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	07/26/2023	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	07/26/2023	ND	193	96.4	200	2.67	
DRO >C10-C28*	<10.0	10.0	07/26/2023	ND	205	102	200	0.0244	
EXT DRO >C28-C36	<10.0	10.0	07/26/2023	ND					

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.0 % 49.1-148

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**Analytical Results For:**

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

Received:	07/25/2023	Sampling Date:	07/21/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 311 (5') (H233877-18)**

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	07/25/2023	ND	1.98	99.1	2.00	2.09	
Toluene*	<0.050	0.050	07/25/2023	ND	2.10	105	2.00	3.05	
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.04	102	2.00	1.99	
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.01	100	6.00	2.00	
Total BTEX	<0.300	0.300	07/25/2023	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	07/26/2023	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	07/26/2023	ND	193	96.4	200	2.67	
DRO >C10-C28*	<10.0	10.0	07/26/2023	ND	205	102	200	0.0244	
EXT DRO >C28-C36	<10.0	10.0	07/26/2023	ND					

Surrogate: 1-Chlorooctane 95.4 % 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:	07/25/2023	Sampling Date:	07/21/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 312 (5') (H233877-19)**

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	07/25/2023	ND	1.98	99.1	2.00	2.09	
Toluene*	<0.050	0.050	07/25/2023	ND	2.10	105	2.00	3.05	
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.04	102	2.00	1.99	
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.01	100	6.00	2.00	
Total BTEX	<0.300	0.300	07/25/2023	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	16.0	16.0	07/26/2023	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	07/26/2023	ND	193	96.4	200	2.67	
DRO >C10-C28*	<10.0	10.0	07/26/2023	ND	205	102	200	0.0244	
EXT DRO >C28-C36	<10.0	10.0	07/26/2023	ND					

Surrogate: 1-Chlorooctane 90.5 % 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:	07/25/2023	Sampling Date:	07/21/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 313 (5') (H233877-20)**

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	07/25/2023	ND	1.98	99.1	2.00	2.09	
Toluene*	<0.050	0.050	07/25/2023	ND	2.10	105	2.00	3.05	
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.04	102	2.00	1.99	
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.01	100	6.00	2.00	
Total BTEX	<0.300	0.300	07/25/2023	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	48.0	16.0	07/26/2023	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	07/26/2023	ND	193	96.4	200	2.67	
DRO >C10-C28*	<10.0	10.0	07/26/2023	ND	205	102	200	0.0244	
EXT DRO >C28-C36	<10.0	10.0	07/26/2023	ND					

Surrogate: 1-Chlorooctane 88.7 % 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:	07/25/2023	Sampling Date:	07/21/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 314 (5') (H233877-21)**

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	07/25/2023	ND	1.98	99.1	2.00	2.09	
Toluene*	<0.050	0.050	07/25/2023	ND	2.10	105	2.00	3.05	
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.04	102	2.00	1.99	
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.01	100	6.00	2.00	
Total BTEX	<0.300	0.300	07/25/2023	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	80.0	16.0	07/26/2023	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	07/25/2023	ND	192	95.8	200	0.311	
DRO >C10-C28*	<10.0	10.0	07/25/2023	ND	213	106	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/25/2023	ND					

Surrogate: 1-Chlorooctane 98.4 % 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:	07/25/2023	Sampling Date:	07/21/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 315 (5') (H233877-22)**

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	07/25/2023	ND	1.98	99.1	2.00	2.09	
Toluene*	<0.050	0.050	07/25/2023	ND	2.10	105	2.00	3.05	
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.04	102	2.00	1.99	
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.01	100	6.00	2.00	
Total BTEX	<0.300	0.300	07/25/2023	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	07/26/2023	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	07/25/2023	ND	192	95.8	200	0.311	
DRO >C10-C28*	<10.0	10.0	07/25/2023	ND	213	106	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/25/2023	ND					

Surrogate: 1-Chlorooctane 119 % 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:	07/25/2023	Sampling Date:	07/21/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 316 (5') (H233877-23)**

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	07/25/2023	ND	1.98	99.1	2.00	2.09	
Toluene*	<0.050	0.050	07/25/2023	ND	2.10	105	2.00	3.05	
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.04	102	2.00	1.99	
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.01	100	6.00	2.00	
Total BTEX	<0.300	0.300	07/25/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/26/2023	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	07/25/2023	ND	192	95.8	200	0.311	
DRO >C10-C28*	<10.0	10.0	07/25/2023	ND	213	106	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/25/2023	ND					

Surrogate: 1-Chlorooctane 111 % 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:	07/25/2023	Sampling Date:	07/21/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 317 (5') (H233877-24)**

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	07/25/2023	ND	1.98	99.1	2.00	2.09	
Toluene*	<0.050	0.050	07/25/2023	ND	2.10	105	2.00	3.05	
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.04	102	2.00	1.99	
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.01	100	6.00	2.00	
Total BTEX	<0.300	0.300	07/25/2023	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	07/26/2023	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	07/25/2023	ND	192	95.8	200	0.311	
DRO >C10-C28*	<10.0	10.0	07/25/2023	ND	213	106	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/25/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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**Analytical Results For:**

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

Received:	07/25/2023	Sampling Date:	07/21/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 318 (5') (H233877-25)**

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	07/25/2023	ND	1.98	99.1	2.00	2.09	
Toluene*	<0.050	0.050	07/25/2023	ND	2.10	105	2.00	3.05	
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.04	102	2.00	1.99	
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.01	100	6.00	2.00	
Total BTEX	<0.300	0.300	07/25/2023	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	32.0	16.0	07/26/2023	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	07/25/2023	ND	192	95.8	200	0.311	
DRO >C10-C28*	<10.0	10.0	07/25/2023	ND	213	106	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/25/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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**Analytical Results For:**

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 Fax To:

Received:	07/25/2023	Sampling Date:	07/21/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 319 (5') (H233877-26)**

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	07/25/2023	ND	1.98	99.1	2.00	2.09	
Toluene*	<0.050	0.050	07/25/2023	ND	2.10	105	2.00	3.05	
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.04	102	2.00	1.99	
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.01	100	6.00	2.00	
Total BTEX	<0.300	0.300	07/25/2023	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	07/26/2023	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	07/25/2023	ND	192	95.8	200	0.311	
DRO >C10-C28*	<10.0	10.0	07/25/2023	ND	213	106	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/25/2023	ND					

Surrogate: 1-Chlorooctane 105 % 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:	07/25/2023	Sampling Date:	07/21/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: SW - 60 (2') (H233877-27)**

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	07/25/2023	ND	1.98	99.1	2.00	2.09		
Toluene*	<0.050	0.050	07/25/2023	ND	2.10	105	2.00	3.05		
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.04	102	2.00	1.99		
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.01	100	6.00	2.00		
Total BTEX	<0.300	0.300	07/25/2023	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	07/26/2023	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	07/26/2023	ND	192	95.8	200	0.311		
DRO >C10-C28*	<10.0	10.0	07/26/2023	ND	213	106	200	1.23		
EXT DRO >C28-C36	<10.0	10.0	07/26/2023	ND						

Surrogate: 1-Chlorooctane 104 % 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:	07/25/2023	Sampling Date:	07/21/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: SW - 61 (2') (H233877-28)**

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	07/25/2023	ND	1.98	99.1	2.00	2.09		
Toluene*	<0.050	0.050	07/25/2023	ND	2.10	105	2.00	3.05		
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.04	102	2.00	1.99		
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.01	100	6.00	2.00		
Total BTEX	<0.300	0.300	07/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	07/26/2023	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	07/26/2023	ND	192	95.8	200	0.311		
DRO >C10-C28*	<10.0	10.0	07/26/2023	ND	213	106	200	1.23		
EXT DRO >C28-C36	<10.0	10.0	07/26/2023	ND						

Surrogate: 1-Chlorooctane 99.8 % 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:	07/25/2023	Sampling Date:	07/21/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: SW - 62 (2') (H233877-29)**

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	07/25/2023	ND	1.98	99.1	2.00	2.09	
Toluene*	<0.050	0.050	07/25/2023	ND	2.10	105	2.00	3.05	
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.04	102	2.00	1.99	
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.01	100	6.00	2.00	
Total BTEX	<0.300	0.300	07/25/2023	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	07/26/2023	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	07/26/2023	ND	192	95.8	200	0.311	
DRO >C10-C28*	<10.0	10.0	07/26/2023	ND	213	106	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/26/2023	ND					

Surrogate: 1-Chlorooctane 96.6 % 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:	07/25/2023	Sampling Date:	07/21/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: SW - 63 (2') (H233877-30)**

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	07/25/2023	ND	1.98	99.1	2.00	2.09		
Toluene*	<0.050	0.050	07/25/2023	ND	2.10	105	2.00	3.05		
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.04	102	2.00	1.99		
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.01	100	6.00	2.00		
Total BTEX	<0.300	0.300	07/25/2023	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	80.0	16.0	07/26/2023	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	07/26/2023	ND	192	95.8	200	0.311		
DRO >C10-C28*	<10.0	10.0	07/26/2023	ND	213	106	200	1.23		
EXT DRO >C28-C36	<10.0	10.0	07/26/2023	ND						

Surrogate: 1-Chlorooctane 109 % 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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**Analytical Results For:**

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

Received:	07/25/2023	Sampling Date:	07/21/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: SW - 64 (5') (H233877-31)**

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	07/25/2023	ND	1.98	99.1	2.00	2.09		
Toluene*	<0.050	0.050	07/25/2023	ND	2.10	105	2.00	3.05		
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.04	102	2.00	1.99		
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.01	100	6.00	2.00		
Total BTEX	<0.300	0.300	07/25/2023	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	64.0	16.0	07/26/2023	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	07/26/2023	ND	192	95.8	200	0.311		
DRO >C10-C28*	<10.0	10.0	07/26/2023	ND	213	106	200	1.23		
EXT DRO >C28-C36	<10.0	10.0	07/26/2023	ND						

Surrogate: 1-Chlorooctane 113 % 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:	07/25/2023	Sampling Date:	07/21/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: SW - 65 (5') (H233877-32)**

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	07/25/2023	ND	1.98	99.1	2.00	2.09	
Toluene*	<0.050	0.050	07/25/2023	ND	2.10	105	2.00	3.05	
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.04	102	2.00	1.99	
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.01	100	6.00	2.00	
Total BTEX	<0.300	0.300	07/25/2023	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	16.0	16.0	07/26/2023	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	07/26/2023	ND	192	95.8	200	0.311	
DRO >C10-C28*	<10.0	10.0	07/26/2023	ND	213	106	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/26/2023	ND					

Surrogate: 1-Chlorooctane 116 % 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:	07/25/2023	Sampling Date:	07/21/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: SW - 66 (5') (H233877-33)**

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	07/25/2023	ND	1.98	99.1	2.00	2.09	
Toluene*	<0.050	0.050	07/25/2023	ND	2.10	105	2.00	3.05	
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.04	102	2.00	1.99	
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.01	100	6.00	2.00	
Total BTEX	<0.300	0.300	07/25/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	07/26/2023	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/26/2023	ND	192	95.8	200	0.311	
DRO >C10-C28*	<10.0	10.0	07/26/2023	ND	213	106	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/26/2023	ND					

Surrogate: 1-Chlorooctane 108 % 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:	07/25/2023	Sampling Date:	07/21/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: SW - 67 (5') (H233877-34)**

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	07/25/2023	ND	1.98	99.1	2.00	2.09	
Toluene*	<0.050	0.050	07/25/2023	ND	2.10	105	2.00	3.05	
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.04	102	2.00	1.99	
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.01	100	6.00	2.00	
Total BTEX	<0.300	0.300	07/25/2023	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	07/26/2023	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/26/2023	ND	192	95.8	200	0.311	
DRO >C10-C28*	<10.0	10.0	07/26/2023	ND	213	106	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/26/2023	ND					

Surrogate: 1-Chlorooctane 108 % 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:	07/25/2023	Sampling Date:	07/21/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: SW - 68 (5') (H233877-35)**

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	07/25/2023	ND	1.98	99.1	2.00	2.09		
Toluene*	<0.050	0.050	07/25/2023	ND	2.10	105	2.00	3.05		
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.04	102	2.00	1.99		
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.01	100	6.00	2.00		
Total BTEX	<0.300	0.300	07/25/2023	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	<16.0	16.0	07/26/2023	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/26/2023	ND	192	95.8	200	0.311		
DRO >C10-C28*	<10.0	10.0	07/26/2023	ND	213	106	200	1.23		
EXT DRO >C28-C36	<10.0	10.0	07/26/2023	ND						

Surrogate: 1-Chlorooctane 122 % 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:	07/25/2023	Sampling Date:	07/21/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: SW - 69 (5') (H233877-36)**

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	07/25/2023	ND	1.98	99.1	2.00	2.09	
Toluene*	<0.050	0.050	07/25/2023	ND	2.10	105	2.00	3.05	
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.04	102	2.00	1.99	
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.01	100	6.00	2.00	
Total BTEX	<0.300	0.300	07/25/2023	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	07/26/2023	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/26/2023	ND	192	95.8	200	0.311	
DRO >C10-C28*	<10.0	10.0	07/26/2023	ND	213	106	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/26/2023	ND					

Surrogate: 1-Chlorooctane 109 % 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:	07/25/2023	Sampling Date:	07/21/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: SW - 70 (5') (H233877-37)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/25/2023	ND	2.03	102	2.00	0.753	
Toluene*	<0.050	0.050	07/25/2023	ND	1.92	95.8	2.00	0.0636	
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.02	101	2.00	0.0108	
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.02	100	6.00	0.420	
Total BTEX	<0.300	0.300	07/25/2023	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	96.0	16.0	07/26/2023	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/26/2023	ND	192	95.8	200	0.311	
DRO >C10-C28*	<10.0	10.0	07/26/2023	ND	213	106	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/26/2023	ND					

Surrogate: 1-Chlorooctane 104 % 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:	07/25/2023	Sampling Date:	07/21/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: SW - 71 (5') (H233877-38)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/25/2023	ND	2.03	102	2.00	0.753	
Toluene*	<0.050	0.050	07/25/2023	ND	1.92	95.8	2.00	0.0636	
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.02	101	2.00	0.0108	
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.02	100	6.00	0.420	
Total BTEX	<0.300	0.300	07/25/2023	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	32.0	16.0	07/26/2023	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/26/2023	ND	192	95.8	200	0.311	
DRO >C10-C28*	<10.0	10.0	07/26/2023	ND	213	106	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/26/2023	ND					

Surrogate: 1-Chlorooctane 110 % 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:	07/25/2023	Sampling Date:	07/21/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: SW - 72 (5') (H233877-39)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/25/2023	ND	2.03	102	2.00	0.753	
Toluene*	<0.050	0.050	07/25/2023	ND	1.92	95.8	2.00	0.0636	
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.02	101	2.00	0.0108	
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.02	100	6.00	0.420	
Total BTEX	<0.300	0.300	07/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	07/26/2023	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/26/2023	ND	192	95.8	200	0.311	
DRO >C10-C28*	<10.0	10.0	07/26/2023	ND	213	106	200	1.23	
EXT DRO >C28-C36	<10.0	10.0	07/26/2023	ND					

Surrogate: 1-Chlorooctane 101 % 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:	07/25/2023	Sampling Date:	07/21/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: SW - 73 (5') (H233877-40)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/25/2023	ND	2.03	102	2.00	0.753		
Toluene*	<0.050	0.050	07/25/2023	ND	1.92	95.8	2.00	0.0636		
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.02	101	2.00	0.0108		
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.02	100	6.00	0.420		
Total BTEX	<0.300	0.300	07/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	07/26/2023	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/26/2023	ND	192	95.8	200	0.311		
DRO >C10-C28*	<10.0	10.0	07/26/2023	ND	213	106	200	1.23		
EXT DRO >C28-C36	<10.0	10.0	07/26/2023	ND						

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	07/25/2023	Sampling Date:	07/21/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: SW - 74 (5') (H233877-41)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/25/2023	ND	2.03	102	2.00	0.753	
Toluene*	<0.050	0.050	07/25/2023	ND	1.92	95.8	2.00	0.0636	
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.02	101	2.00	0.0108	
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.02	100	6.00	0.420	
Total BTEX	<0.300	0.300	07/25/2023	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
Chloride	32.0	16.0	07/26/2023	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2023	ND	196	98.0	200	3.71	
DRO >C10-C28*	<10.0	10.0	07/25/2023	ND	208	104	200	9.60	
EXT DRO >C28-C36	<10.0	10.0	07/25/2023	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 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:	07/25/2023	Sampling Date:	07/21/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: SW - 75 (5') (H233877-42)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/25/2023	ND	2.03	102	2.00	0.753	
Toluene*	<0.050	0.050	07/25/2023	ND	1.92	95.8	2.00	0.0636	
Ethylbenzene*	<0.050	0.050	07/25/2023	ND	2.02	101	2.00	0.0108	
Total Xylenes*	<0.150	0.150	07/25/2023	ND	6.02	100	6.00	0.420	
Total BTEX	<0.300	0.300	07/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	07/26/2023	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/25/2023	ND	205	102	200	1.92	
DRO >C10-C28*	<10.0	10.0	07/25/2023	ND	217	109	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	07/25/2023	ND					

Surrogate: 1-Chlorooctane 87.9 % 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:	07/25/2023	Sampling Date:	07/21/2023
Reported:	07/26/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Shari Cisneros
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: SW - 76 (5') (H233877-43)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/26/2023	ND	2.03	102	2.00	0.753	
Toluene*	<0.050	0.050	07/26/2023	ND	1.92	95.8	2.00	0.0636	
Ethylbenzene*	<0.050	0.050	07/26/2023	ND	2.02	101	2.00	0.0108	
Total Xylenes*	<0.150	0.150	07/26/2023	ND	6.02	100	6.00	0.420	
Total BTEX	<0.300	0.300	07/26/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	07/26/2023	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/26/2023	ND	174	86.8	200	10.2	
DRO >C10-C28*	<10.0	10.0	07/26/2023	ND	187	93.7	200	4.37	
EXT DRO >C28-C36	<10.0	10.0	07/26/2023	ND					

Surrogate: 1-Chlorooctane 80.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.3 % 49.1-148

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Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
\*\* Samples not received at proper temperature of 6°C or below.
\*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: H233877

Page 1 of 5

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

Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> perfund <input type="checkbox"/> State of Project: _____ Reporting Level: <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/> Deliverables: EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other: _____	
--	--

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST				Preservative Codes
							BTEX 8021B	TPH 8015M ( GRO + DRO + MRO)	Chloride 4500		
1 CS-294 (3')	7/21/2023		X		C	1	X	X	X		None: NO Cool: Cool HCL: HC H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> H <sub>3</sub> PO <sub>4</sub> : HP NaHSO <sub>4</sub> : NABIS Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub> Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
2 CS-295 (3')	7/21/2023		X		C	1	X	X	X		
3 CS-296 (3')	7/21/2023		X		C	1	X	X	X		
4 CS-297 (3')	7/21/2023		X		C	1	X	X	X		
5 CS-298 (5')	7/21/2023		X		C	1	X	X	X		
6 CS-299 (5')	7/21/2023		X		C	1	X	X	X		
7 CS-300 (5')	7/21/2023		X		C	1	X	X	X		
8 CS-301 (5')	7/21/2023		X		C	1	X	X	X		
9 CS-302 (5')	7/21/2023		X		C	1	X	X	X		
10 CS-303 (5')	7/21/2023		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
			1400 7/25/23

Chain of Custody

Work Order No: 4033877

Page 2 of 5

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

Project Name:	Project Number:	Project Location:	Sampler's Name:	PO #:	Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes			
					<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush		Due Date:	24 Hours														
Sidewinder Riser Release	2049	Lea County, New Mexico	GP/JJR																	None: NO Cool: Cool HCL: HC H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> H <sub>3</sub> PO <sub>4</sub> : HP NaHSO <sub>4</sub> : NABIS Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NASO <sub>3</sub> Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC			
<b>SAMPLE RECEIPT</b>	Temp Blank:	Yes (No)	Wet Ice:	Yes (No)	Received Intact:	Yes (No)	Thermometer ID:	Parameters															
Cooler Custody Seals:	Yes	No	N/A	Correction Factor:	Sample Custody Seals:	Yes	No	N/A	Temperature Reading:	Corrected Temperature:	BTEX 8021B TPH 8015M ( GRO + DRO + MRO) Chloride 4500												
Total Containers:																							
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments				
11 CS-304 (5')	7/21/2023		X		C	1	X	X	X	X	X	X	X	X	X	X	X						
12 CS-305 (5')	7/21/2023		X		C	1	X	X	X	X	X	X	X	X	X	X	X						
13 CS-306 (5')	7/21/2023		X		C	1	X	X	X	X	X	X	X	X	X	X	X						
14 CS-307 (5')	7/21/2023		X		C	1	X	X	X	X	X	X	X	X	X	X	X						
15 CS-308 (5')	7/21/2023		X		C	1	X	X	X	X	X	X	X	X	X	X	X						
16 CS-309 (5')	7/21/2023		X		C	1	X	X	X	X	X	X	X	X	X	X	X						
17 CS-310 (5')	7/21/2023		X		C	1	X	X	X	X	X	X	X	X	X	X	X						
18 CS-311 (5')	7/21/2023		X		C	1	X	X	X	X	X	X	X	X	X	X	X						
19 CS-312 (5')	7/21/2023		X		C	1	X	X	X	X	X	X	X	X	X	X	X						
20 CS-313 (5')	7/21/2023		X		C	1	X	X	X	X	X	X	X	X	X	X	X						

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>[Signature]</i>		<i>[Signature]</i>	7/25/23 14:00



Chain of Custody

Work Order No: 4233877

Project Manager: **Comner 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: **432-813-8823** Email: **James.Kennedy@eogresources.com**

Project Name: **Sidewinder Riser Release**

Project Number: **2049**

Project Location: **Lee County, New Mexico**

Sampler's Name: **GP/JJR**

PO #: \_\_\_\_\_

Turn Around:  Routine  Rush

Due Date: **24 Hours**

Pres. Code: \_\_\_\_\_

Program:  UST/PRP  PRP  Brownfields  RC  Refund

State of Project: \_\_\_\_\_

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

Deliverables:  EDD  ADAPT  Other: \_\_\_\_\_

**SAMPLE RECEIPT**

Received In tact: **Yes** Temp Blank: **No** Yes/No: **No** Wet Ice: **Yes** (No)

Cooler Custody Seals: **Yes** No **N/A** Thermometer ID: **4110**

Sample Custody Seals: **Yes** No **N/A** Correction Factor: \_\_\_\_\_

Total Containers: \_\_\_\_\_ Temperature Reading: **74.9°C**

Corrected Temperature: \_\_\_\_\_

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters			Sample Comments
							BTEX 8021B	TPH 8015M ( GRO + DRO + MRO)	Chloride 4500	
31 SW-64 (5')	7/21/2023		X		C	1	X	X	X	
32 SW-65 (5')	7/21/2023		X		C	1	X	X	X	
33 SW-66 (5')	7/21/2023		X		C	1	X	X	X	
34 SW-67 (5')	7/21/2023		X		C	1	X	X	X	
35 SW-68 (5')	7/21/2023		X		C	1	X	X	X	
36 SW-69 (5')	7/21/2023		X		C	1	X	X	X	
37 SW-70 (5')	7/21/2023		X		C	1	X	X	X	
38 SW-71 (5')	7/21/2023		X		C	1	X	X	X	
39 SW-72 (5')	7/21/2023		X		C	1	X	X	X	
40 SW-73 (5')	7/21/2023		X		C	1	X	X	X	

Comments: Email to Mike Carmona / Mccarmona@carmonaresources.com and Comner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature) \_\_\_\_\_ Date/Time \_\_\_\_\_

Received by: (Signature) Shari Simons Date/Time 7/23/23 11:22





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

---

August 21, 2023

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

RE: SIDEWINDER RISER RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 08/18/23 9:20.

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:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 320 (2.0') (H234485-01)**

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	08/18/2023	ND	2.12	106	2.00	0.663	
Toluene*	<0.050	0.050	08/18/2023	ND	2.06	103	2.00	0.613	
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.99	99.7	2.00	0.734	
Total Xylenes*	<0.150	0.150	08/18/2023	ND	6.02	100	6.00	0.791	
Total BTEX	<0.300	0.300	08/18/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/18/2023	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	08/18/2023	ND	208	104	200	2.42	
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	222	111	200	2.37	
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND					

Surrogate: 1-Chlorooctane 63.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 59.9 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 321 (2.0') (H234485-02)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	2.12	106	2.00	0.663		
Toluene*	<0.050	0.050	08/18/2023	ND	2.06	103	2.00	0.613		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.99	99.7	2.00	0.734		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	6.02	100	6.00	0.791		
Total BTEX	<0.300	0.300	08/18/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	08/18/2023	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	08/18/2023	ND	208	104	200	2.42		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	222	111	200	2.37		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 63.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 59.4 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 322 (2.0') (H234485-03)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	2.12	106	2.00	0.663		
Toluene*	<0.050	0.050	08/18/2023	ND	2.06	103	2.00	0.613		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.99	99.7	2.00	0.734		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	6.02	100	6.00	0.791		
Total BTEX	<0.300	0.300	08/18/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	08/18/2023	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	08/18/2023	ND	208	104	200	2.42		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	222	111	200	2.37		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 75.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.3 % 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:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 323 (2.0') (H234485-04)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	2.12	106	2.00	0.663		
Toluene*	<0.050	0.050	08/18/2023	ND	2.06	103	2.00	0.613		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.99	99.7	2.00	0.734		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	6.02	100	6.00	0.791		
Total BTEX	<0.300	0.300	08/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 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	192	16.0	08/18/2023	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	08/18/2023	ND	208	104	200	2.42		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	222	111	200	2.37		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 77.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.0 % 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:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 324 (2.0') (H234485-05)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	2.12	106	2.00	0.663		
Toluene*	<0.050	0.050	08/18/2023	ND	2.06	103	2.00	0.613		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.99	99.7	2.00	0.734		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	6.02	100	6.00	0.791		
Total BTEX	<0.300	0.300	08/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	08/18/2023	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	08/18/2023	ND	208	104	200	2.42		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	222	111	200	2.37		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 74.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.8 % 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:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 325 (2.0') (H234485-06)**

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	08/18/2023	ND	2.12	106	2.00	0.663		
Toluene*	<0.050	0.050	08/18/2023	ND	2.06	103	2.00	0.613		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.99	99.7	2.00	0.734		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	6.02	100	6.00	0.791		
Total BTEX	<0.300	0.300	08/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 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	48.0	16.0	08/18/2023	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	08/18/2023	ND	208	104	200	2.42		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	222	111	200	2.37		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 63.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 326 (2.0') (H234485-07)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	2.12	106	2.00	0.663		
Toluene*	<0.050	0.050	08/18/2023	ND	2.06	103	2.00	0.613		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.99	99.7	2.00	0.734		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	6.02	100	6.00	0.791		
Total BTEX	<0.300	0.300	08/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/18/2023	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	08/18/2023	ND	208	104	200	2.42		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	222	111	200	2.37		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 74.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.5 % 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: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 327 (2.0') (H234485-08)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	2.12	106	2.00	0.663		
Toluene*	<0.050	0.050	08/18/2023	ND	2.06	103	2.00	0.613		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.99	99.7	2.00	0.734		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	6.02	100	6.00	0.791		
Total BTEX	<0.300	0.300	08/18/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	08/18/2023	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	08/18/2023	ND	208	104	200	2.42		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	222	111	200	2.37		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 78.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.4 % 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:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 328 (2.0') (H234485-09)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	2.12	106	2.00	0.663		
Toluene*	<0.050	0.050	08/18/2023	ND	2.06	103	2.00	0.613		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.99	99.7	2.00	0.734		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	6.02	100	6.00	0.791		
Total BTEX	<0.300	0.300	08/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 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	32.0	16.0	08/18/2023	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	08/18/2023	ND	208	104	200	2.42		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	222	111	200	2.37		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 79.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.1 % 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:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 329 (2.0') (H234485-10)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	2.12	106	2.00	0.663		
Toluene*	<0.050	0.050	08/18/2023	ND	2.06	103	2.00	0.613		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.99	99.7	2.00	0.734		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	6.02	100	6.00	0.791		
Total BTEX	<0.300	0.300	08/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	08/18/2023	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	08/18/2023	ND	208	104	200	2.42		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	222	111	200	2.37		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 58.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 59.5 % 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: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 330 (2.0') (H234485-11)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	2.12	106	2.00	0.663		
Toluene*	<0.050	0.050	08/18/2023	ND	2.06	103	2.00	0.613		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.99	99.7	2.00	0.734		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	6.02	100	6.00	0.791		
Total BTEX	<0.300	0.300	08/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/18/2023	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	08/18/2023	ND	208	104	200	2.42		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	222	111	200	2.37		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 55.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 54.5 % 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:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 331 (2.0') (H234485-12)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/18/2023	ND	2.12	106	2.00	0.663	
Toluene*	<0.050	0.050	08/18/2023	ND	2.06	103	2.00	0.613	
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.99	99.7	2.00	0.734	
Total Xylenes*	<0.150	0.150	08/18/2023	ND	6.02	100	6.00	0.791	
Total BTEX	<0.300	0.300	08/18/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	08/18/2023	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	08/18/2023	ND	208	104	200	2.42	
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	222	111	200	2.37	
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND					

Surrogate: 1-Chlorooctane 76.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.6 % 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:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 332 (2.0') (H234485-13)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	2.12	106	2.00	0.663		
Toluene*	<0.050	0.050	08/18/2023	ND	2.06	103	2.00	0.613		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.99	99.7	2.00	0.734		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	6.02	100	6.00	0.791		
Total BTEX	<0.300	0.300	08/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 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	32.0	16.0	08/18/2023	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	08/18/2023	ND	208	104	200	2.42		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	222	111	200	2.37		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 74.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 333 (2.0') (H234485-14)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	2.12	106	2.00	0.663		
Toluene*	<0.050	0.050	08/18/2023	ND	2.06	103	2.00	0.613		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.99	99.7	2.00	0.734		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	6.02	100	6.00	0.791		
Total BTEX	<0.300	0.300	08/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 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	08/18/2023	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	08/18/2023	ND	208	104	200	2.42		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	222	111	200	2.37		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 76.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.8 % 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:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 334 (2.0') (H234485-15)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	2.12	106	2.00	0.663		
Toluene*	<0.050	0.050	08/18/2023	ND	2.06	103	2.00	0.613		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.99	99.7	2.00	0.734		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	6.02	100	6.00	0.791		
Total BTEX	<0.300	0.300	08/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/18/2023	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	08/18/2023	ND	208	104	200	2.42		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	222	111	200	2.37		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 79.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.1 % 49.1-148

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**Analytical Results For:**

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

Received:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 335 (2.0') (H234485-16)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	2.12	106	2.00	0.663		
Toluene*	<0.050	0.050	08/18/2023	ND	2.06	103	2.00	0.613		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.99	99.7	2.00	0.734		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	6.02	100	6.00	0.791		
Total BTEX	<0.300	0.300	08/18/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/18/2023	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	08/18/2023	ND	208	104	200	2.42		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	222	111	200	2.37		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 78.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.6 % 49.1-148

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**Analytical Results For:**

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

Received:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 336 (2.0') (H234485-17)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	2.12	106	2.00	0.663		
Toluene*	<0.050	0.050	08/18/2023	ND	2.06	103	2.00	0.613		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.99	99.7	2.00	0.734		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	6.02	100	6.00	0.791		
Total BTEX	<0.300	0.300	08/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 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	16.0	16.0	08/18/2023	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	08/18/2023	ND	208	104	200	2.42		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	222	111	200	2.37		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 79.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 337 (2.0') (H234485-18)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	2.12	106	2.00	0.663		
Toluene*	<0.050	0.050	08/18/2023	ND	2.06	103	2.00	0.613		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.99	99.7	2.00	0.734		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	6.02	100	6.00	0.791		
Total BTEX	<0.300	0.300	08/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/18/2023	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	08/18/2023	ND	208	104	200	2.42		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	222	111	200	2.37		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 76.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 338 (2.0') (H234485-19)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	2.12	106	2.00	0.663		
Toluene*	<0.050	0.050	08/18/2023	ND	2.06	103	2.00	0.613		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.99	99.7	2.00	0.734		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	6.02	100	6.00	0.791		
Total BTEX	<0.300	0.300	08/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/18/2023	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	08/18/2023	ND	208	104	200	2.42		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	222	111	200	2.37		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 74.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.6 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 339 (2.0') (H234485-20)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/18/2023	ND	2.12	106	2.00	0.663	
Toluene*	<0.050	0.050	08/18/2023	ND	2.06	103	2.00	0.613	
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.99	99.7	2.00	0.734	
Total Xylenes*	<0.150	0.150	08/18/2023	ND	6.02	100	6.00	0.791	
Total BTEX	<0.300	0.300	08/18/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 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	240	16.0	08/18/2023	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	08/18/2023	ND	208	104	200	2.42	
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	222	111	200	2.37	
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND					

Surrogate: 1-Chlorooctane 62.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.6 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 340 (2.0') (H234485-21)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	1.97	98.5	2.00	3.36		
Toluene*	<0.050	0.050	08/18/2023	ND	1.88	94.2	2.00	4.71		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.92	96.2	2.00	4.26		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.72	95.4	6.00	4.05		
Total BTEX	<0.300	0.300	08/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 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	480	16.0	08/18/2023	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	08/18/2023	ND	201	100	200	0.504		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	223	112	200	0.825		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 72.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.8 % 49.1-148

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**Analytical Results For:**

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

Received:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 341 (2.0') (H234485-22)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/18/2023	ND	1.97	98.5	2.00	3.36	
Toluene*	<0.050	0.050	08/18/2023	ND	1.88	94.2	2.00	4.71	
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.92	96.2	2.00	4.26	
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.72	95.4	6.00	4.05	
Total BTEX	<0.300	0.300	08/18/2023	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	384	16.0	08/18/2023	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	08/18/2023	ND	201	100	200	0.504	
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	223	112	200	0.825	
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND					

Surrogate: 1-Chlorooctane 69.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.1 % 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:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 342 (2.0') (H234485-23)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	1.97	98.5	2.00	3.36		
Toluene*	<0.050	0.050	08/18/2023	ND	1.88	94.2	2.00	4.71		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.92	96.2	2.00	4.26		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.72	95.4	6.00	4.05		
Total BTEX	<0.300	0.300	08/18/2023	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	08/18/2023	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	08/18/2023	ND	201	100	200	0.504		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	223	112	200	0.825		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 75.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.2 % 49.1-148

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**Analytical Results For:**

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

Received:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 343 (2.0') (H234485-24)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	1.97	98.5	2.00	3.36		
Toluene*	<0.050	0.050	08/18/2023	ND	1.88	94.2	2.00	4.71		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.92	96.2	2.00	4.26		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.72	95.4	6.00	4.05		
Total BTEX	<0.300	0.300	08/18/2023	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	08/18/2023	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	08/18/2023	ND	201	100	200	0.504		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	223	112	200	0.825		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 78.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.8 % 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: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 344 (2.0') (H234485-25)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	1.97	98.5	2.00	3.36		
Toluene*	<0.050	0.050	08/18/2023	ND	1.88	94.2	2.00	4.71		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.92	96.2	2.00	4.26		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.72	95.4	6.00	4.05		
Total BTEX	<0.300	0.300	08/18/2023	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	08/18/2023	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	08/18/2023	ND	201	100	200	0.504		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	223	112	200	0.825		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 76.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.6 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 345 (2.0') (H234485-26)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	1.97	98.5	2.00	3.36		
Toluene*	<0.050	0.050	08/18/2023	ND	1.88	94.2	2.00	4.71		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.92	96.2	2.00	4.26		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.72	95.4	6.00	4.05		
Total BTEX	<0.300	0.300	08/18/2023	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	
Chloride	16.0	16.0	08/18/2023	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	08/18/2023	ND	201	100	200	0.504		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	223	112	200	0.825		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 72.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.8 % 49.1-148

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**Analytical Results For:**

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

Received:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 346 (2.0') (H234485-27)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	1.97	98.5	2.00	3.36		
Toluene*	<0.050	0.050	08/18/2023	ND	1.88	94.2	2.00	4.71		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.92	96.2	2.00	4.26		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.72	95.4	6.00	4.05		
Total BTEX	<0.300	0.300	08/18/2023	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	08/18/2023	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	08/18/2023	ND	201	100	200	0.504		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	223	112	200	0.825		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 73.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.2 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 347 (2.0') (H234485-28)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	1.97	98.5	2.00	3.36		
Toluene*	<0.050	0.050	08/18/2023	ND	1.88	94.2	2.00	4.71		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.92	96.2	2.00	4.26		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.72	95.4	6.00	4.05		
Total BTEX	<0.300	0.300	08/18/2023	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	08/18/2023	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	08/18/2023	ND	201	100	200	0.504		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	223	112	200	0.825		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 72.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.9 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 348 (2.0') (H234485-29)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	1.97	98.5	2.00	3.36		
Toluene*	<0.050	0.050	08/18/2023	ND	1.88	94.2	2.00	4.71		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.92	96.2	2.00	4.26		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.72	95.4	6.00	4.05		
Total BTEX	<0.300	0.300	08/18/2023	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	08/18/2023	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	08/18/2023	ND	201	100	200	0.504		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	223	112	200	0.825		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 70.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.0 % 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: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 349 (2.0') (H234485-30)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/18/2023	ND	1.97	98.5	2.00	3.36	
Toluene*	<0.050	0.050	08/18/2023	ND	1.88	94.2	2.00	4.71	
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.92	96.2	2.00	4.26	
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.72	95.4	6.00	4.05	
Total BTEX	<0.300	0.300	08/18/2023	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	240	16.0	08/18/2023	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	08/18/2023	ND	201	100	200	0.504	
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	223	112	200	0.825	
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND					

Surrogate: 1-Chlorooctane 63.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.6 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 350 (2.0') (H234485-31)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	1.97	98.5	2.00	3.36		
Toluene*	<0.050	0.050	08/18/2023	ND	1.88	94.2	2.00	4.71		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.92	96.2	2.00	4.26		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.72	95.4	6.00	4.05		
Total BTEX	<0.300	0.300	08/18/2023	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	32.0	16.0	08/18/2023	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	08/18/2023	ND	201	100	200	0.504		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	223	112	200	0.825		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 63.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.7 % 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:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 351 (2.0') (H234485-32)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/18/2023	ND	1.97	98.5	2.00	3.36	
Toluene*	<0.050	0.050	08/18/2023	ND	1.88	94.2	2.00	4.71	
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.92	96.2	2.00	4.26	
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.72	95.4	6.00	4.05	
Total BTEX	<0.300	0.300	08/18/2023	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	224	16.0	08/18/2023	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	08/18/2023	ND	201	100	200	0.504	
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	223	112	200	0.825	
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND					

Surrogate: 1-Chlorooctane 77.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.4 % 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:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 352 (2.0') (H234485-33)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	1.97	98.5	2.00	3.36		
Toluene*	<0.050	0.050	08/18/2023	ND	1.88	94.2	2.00	4.71		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.92	96.2	2.00	4.26		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.72	95.4	6.00	4.05		
Total BTEX	<0.300	0.300	08/18/2023	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	08/18/2023	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	08/18/2023	ND	201	100	200	0.504		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	223	112	200	0.825		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 77.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.4 % 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: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 353 (2.0') (H234485-34)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	1.97	98.5	2.00	3.36		
Toluene*	<0.050	0.050	08/18/2023	ND	1.88	94.2	2.00	4.71		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.92	96.2	2.00	4.26		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.72	95.4	6.00	4.05		
Total BTEX	<0.300	0.300	08/18/2023	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	08/18/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2023	ND	201	100	200	0.504		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	223	112	200	0.825		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 80.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.1 % 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:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 354 (2.0') (H234485-35)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	1.97	98.5	2.00	3.36		
Toluene*	<0.050	0.050	08/18/2023	ND	1.88	94.2	2.00	4.71		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.92	96.2	2.00	4.26		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.72	95.4	6.00	4.05		
Total BTEX	<0.300	0.300	08/18/2023	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	08/18/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2023	ND	201	100	200	0.504		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	223	112	200	0.825		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 58.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.5 % 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:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 355 (2.0') (H234485-36)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/18/2023	ND	1.97	98.5	2.00	3.36	
Toluene*	<0.050	0.050	08/18/2023	ND	1.88	94.2	2.00	4.71	
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.92	96.2	2.00	4.26	
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.72	95.4	6.00	4.05	
Total BTEX	<0.300	0.300	08/18/2023	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	08/18/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/18/2023	ND	201	100	200	0.504	
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	223	112	200	0.825	
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND					

Surrogate: 1-Chlorooctane 73.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.6 % 49.1-148

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**Analytical Results For:**

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

Received:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 356 (2.0') (H234485-37)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	1.97	98.5	2.00	3.36		
Toluene*	<0.050	0.050	08/18/2023	ND	1.88	94.2	2.00	4.71		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.92	96.2	2.00	4.26		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.72	95.4	6.00	4.05		
Total BTEX	<0.300	0.300	08/18/2023	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	08/18/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2023	ND	201	100	200	0.504		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	223	112	200	0.825		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 61.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.8 % 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:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 357 (2.0') (H234485-38)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	1.97	98.5	2.00	3.36		
Toluene*	<0.050	0.050	08/18/2023	ND	1.88	94.2	2.00	4.71		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.92	96.2	2.00	4.26		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.72	95.4	6.00	4.05		
Total BTEX	<0.300	0.300	08/18/2023	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	448	16.0	08/18/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2023	ND	201	100	200	0.504		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	223	112	200	0.825		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 77.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.7 % 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:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 358 (2.0') (H234485-39)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	1.97	98.5	2.00	3.36		
Toluene*	<0.050	0.050	08/18/2023	ND	1.88	94.2	2.00	4.71		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.92	96.2	2.00	4.26		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.72	95.4	6.00	4.05		
Total BTEX	<0.300	0.300	08/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	464	16.0	08/18/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2023	ND	201	100	200	0.504		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	223	112	200	0.825		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 77.4 % 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:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 359 (2.0') (H234485-40)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	1.97	98.5	2.00	3.36		
Toluene*	<0.050	0.050	08/18/2023	ND	1.88	94.2	2.00	4.71		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.92	96.2	2.00	4.26		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.72	95.4	6.00	4.05		
Total BTEX	<0.300	0.300	08/18/2023	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	08/18/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2023	ND	201	100	200	0.504		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	223	112	200	0.825		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 81.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.6 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 360 (2.0') (H234485-41)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	1.94	97.1	2.00	3.01		
Toluene*	<0.050	0.050	08/18/2023	ND	1.85	92.4	2.00	4.06		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.90	94.8	2.00	4.03		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.53	92.2	6.00	5.19		
Total BTEX	<0.300	0.300	08/18/2023	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	32.0	16.0	08/18/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2023	ND	205	103	200	1.34		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	209	105	200	1.55		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 75.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.4 % 49.1-148

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**Analytical Results For:**

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

Received:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 361 (2.0') (H234485-42)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	1.94	97.1	2.00	3.01		
Toluene*	<0.050	0.050	08/18/2023	ND	1.85	92.4	2.00	4.06		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.90	94.8	2.00	4.03		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.53	92.2	6.00	5.19		
Total BTEX	<0.300	0.300	08/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/18/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2023	ND	205	103	200	1.34		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	209	105	200	1.55		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 92.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.3 % 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:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 362 (2.0') (H234485-43)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	1.94	97.1	2.00	3.01		
Toluene*	<0.050	0.050	08/18/2023	ND	1.85	92.4	2.00	4.06		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.90	94.8	2.00	4.03		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.53	92.2	6.00	5.19		
Total BTEX	<0.300	0.300	08/18/2023	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	32.0	16.0	08/18/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2023	ND	205	103	200	1.34		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	209	105	200	1.55		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 74.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.1 % 49.1-148

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**Analytical Results For:**

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

Received:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 363 (2.0') (H234485-44)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	1.94	97.1	2.00	3.01		
Toluene*	<0.050	0.050	08/18/2023	ND	1.85	92.4	2.00	4.06		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.90	94.8	2.00	4.03		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.53	92.2	6.00	5.19		
Total BTEX	<0.300	0.300	08/18/2023	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	08/18/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2023	ND	205	103	200	1.34		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	209	105	200	1.55		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 62.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.1 % 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: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 364 (2.0') (H234485-45)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	1.94	97.1	2.00	3.01		
Toluene*	<0.050	0.050	08/18/2023	ND	1.85	92.4	2.00	4.06		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.90	94.8	2.00	4.03		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.53	92.2	6.00	5.19		
Total BTEX	<0.300	0.300	08/18/2023	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	16.0	16.0	08/18/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2023	ND	205	103	200	1.34		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	209	105	200	1.55		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 80.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.6 % 49.1-148

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**Analytical Results For:**

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

Received:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 365 (2.0') (H234485-46)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	1.94	97.1	2.00	3.01		
Toluene*	<0.050	0.050	08/18/2023	ND	1.85	92.4	2.00	4.06		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.90	94.8	2.00	4.03		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.53	92.2	6.00	5.19		
Total BTEX	<0.300	0.300	08/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	08/18/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2023	ND	205	103	200	1.34		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	209	105	200	1.55		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 71.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.6 % 49.1-148

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**Analytical Results For:**

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

Received:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 366 (2.0') (H234485-47)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	1.94	97.1	2.00	3.01		
Toluene*	<0.050	0.050	08/18/2023	ND	1.85	92.4	2.00	4.06		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.90	94.8	2.00	4.03		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.53	92.2	6.00	5.19		
Total BTEX	<0.300	0.300	08/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	08/18/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2023	ND	205	103	200	1.34		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	209	105	200	1.55		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 73.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.1 % 49.1-148

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**Analytical Results For:**

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

Received:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 367 (2.0') (H234485-48)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	1.94	97.1	2.00	3.01		
Toluene*	<0.050	0.050	08/18/2023	ND	1.85	92.4	2.00	4.06		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.90	94.8	2.00	4.03		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.53	92.2	6.00	5.19		
Total BTEX	<0.300	0.300	08/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	08/18/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2023	ND	205	103	200	1.34		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	209	105	200	1.55		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 73.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.4 % 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: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 368 (2.0') (H234485-49)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	1.94	97.1	2.00	3.01		
Toluene*	<0.050	0.050	08/18/2023	ND	1.85	92.4	2.00	4.06		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.90	94.8	2.00	4.03		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.53	92.2	6.00	5.19		
Total BTEX	<0.300	0.300	08/18/2023	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	08/18/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2023	ND	205	103	200	1.34		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	209	105	200	1.55		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 66.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.9 % 49.1-148

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**Analytical Results For:**

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

Received:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 369 (2.0') (H234485-50)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	1.94	97.1	2.00	3.01		
Toluene*	<0.050	0.050	08/18/2023	ND	1.85	92.4	2.00	4.06		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.90	94.8	2.00	4.03		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.53	92.2	6.00	5.19		
Total BTEX	<0.300	0.300	08/18/2023	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	400	16.0	08/18/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2023	ND	205	103	200	1.34		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	209	105	200	1.55		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 74.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.0 % 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:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 370 (2.0') (H234485-51)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	1.94	97.1	2.00	3.01		
Toluene*	<0.050	0.050	08/18/2023	ND	1.85	92.4	2.00	4.06		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.90	94.8	2.00	4.03		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.53	92.2	6.00	5.19		
Total BTEX	<0.300	0.300	08/18/2023	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	32.0	16.0	08/18/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2023	ND	205	103	200	1.34		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	209	105	200	1.55		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 72.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.6 % 49.1-148

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**Analytical Results For:**

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

Received:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 371 (2.0') (H234485-52)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	1.94	97.1	2.00	3.01		
Toluene*	<0.050	0.050	08/18/2023	ND	1.85	92.4	2.00	4.06		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.90	94.8	2.00	4.03		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.53	92.2	6.00	5.19		
Total BTEX	<0.300	0.300	08/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/18/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2023	ND	205	103	200	1.34		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	209	105	200	1.55		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 73.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.6 % 49.1-148

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**Analytical Results For:**

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

Received:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 372 (2.0') (H234485-53)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2023	ND	1.94	97.1	2.00	3.01		
Toluene*	<0.050	0.050	08/19/2023	ND	1.85	92.4	2.00	4.06		
Ethylbenzene*	<0.050	0.050	08/19/2023	ND	1.90	94.8	2.00	4.03		
Total Xylenes*	<0.150	0.150	08/19/2023	ND	5.53	92.2	6.00	5.19		
Total BTEX	<0.300	0.300	08/19/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/18/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2023	ND	205	103	200	1.34		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	209	105	200	1.55		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 70.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.7 % 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:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 373 (2.0') (H234485-54)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	1.94	97.1	2.00	3.01		
Toluene*	<0.050	0.050	08/18/2023	ND	1.85	92.4	2.00	4.06		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.90	94.8	2.00	4.03		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.53	92.2	6.00	5.19		
Total BTEX	<0.300	0.300	08/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	08/18/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2023	ND	205	103	200	1.34		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	209	105	200	1.55		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 65.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.2 % 49.1-148

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**Analytical Results For:**

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

Received:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 374 (2.0') (H234485-55)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	1.94	97.1	2.00	3.01		
Toluene*	<0.050	0.050	08/18/2023	ND	1.85	92.4	2.00	4.06		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.90	94.8	2.00	4.03		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.53	92.2	6.00	5.19		
Total BTEX	<0.300	0.300	08/18/2023	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	08/18/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2023	ND	205	103	200	1.34		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	209	105	200	1.55		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 71.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.7 % 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:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 375 (2.0') (H234485-56)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	1.94	97.1	2.00	3.01		
Toluene*	<0.050	0.050	08/18/2023	ND	1.85	92.4	2.00	4.06		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.90	94.8	2.00	4.03		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.53	92.2	6.00	5.19		
Total BTEX	<0.300	0.300	08/18/2023	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	08/18/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2023	ND	205	103	200	1.34		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	209	105	200	1.55		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 71.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.9 % 49.1-148

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**Analytical Results For:**

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

Received:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 376 (2.0') (H234485-57)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	1.94	97.1	2.00	3.01		
Toluene*	<0.050	0.050	08/18/2023	ND	1.85	92.4	2.00	4.06		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.90	94.8	2.00	4.03		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.53	92.2	6.00	5.19		
Total BTEX	<0.300	0.300	08/18/2023	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	08/18/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2023	ND	205	103	200	1.34		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	209	105	200	1.55		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 74.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.2 % 49.1-148

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**Analytical Results For:**

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

Received:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 377 (2.0') (H234485-58)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	1.94	97.1	2.00	3.01		
Toluene*	<0.050	0.050	08/18/2023	ND	1.85	92.4	2.00	4.06		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.90	94.8	2.00	4.03		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.53	92.2	6.00	5.19		
Total BTEX	<0.300	0.300	08/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	08/18/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2023	ND	205	103	200	1.34		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	209	105	200	1.55		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 71.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 378 (2.0') (H234485-59)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	1.94	97.1	2.00	3.01		
Toluene*	<0.050	0.050	08/18/2023	ND	1.85	92.4	2.00	4.06		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.90	94.8	2.00	4.03		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.53	92.2	6.00	5.19		
Total BTEX	<0.300	0.300	08/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/18/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2023	ND	205	103	200	1.34		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	209	105	200	1.55		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 65.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.6 % 49.1-148

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**Analytical Results For:**

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

Received:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 379 (2.0') (H234485-60)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	1.94	97.1	2.00	3.01		
Toluene*	<0.050	0.050	08/18/2023	ND	1.85	92.4	2.00	4.06		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.90	94.8	2.00	4.03		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.53	92.2	6.00	5.19		
Total BTEX	<0.300	0.300	08/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/18/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2023	ND	205	103	200	1.34		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	209	105	200	1.55		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 60.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 63.3 % 49.1-148

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**Analytical Results For:**

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

Received:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 380 (2.0') (H234485-61)**

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	08/18/2023	ND	2.16	108	2.00	3.87		
Toluene*	<0.050	0.050	08/18/2023	ND	2.11	106	2.00	3.55		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	2.06	103	2.00	3.87		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	6.21	104	6.00	3.26		
Total BTEX	<0.300	0.300	08/18/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/18/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2023	ND	202	101	200	0.649		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	186	92.9	200	3.36		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 64.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 63.6 % 49.1-148

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**Analytical Results For:**

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

Received:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 381 (2.0') (H234485-62)**

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	08/18/2023	ND	2.16	108	2.00	3.87		
Toluene*	<0.050	0.050	08/18/2023	ND	2.11	106	2.00	3.55		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	2.06	103	2.00	3.87		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	6.21	104	6.00	3.26		
Total BTEX	<0.300	0.300	08/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 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	08/18/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2023	ND	202	101	200	0.649		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	186	92.9	200	3.36		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 61.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 61.1 % 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:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 382 (2.0') (H234485-63)**

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	08/18/2023	ND	2.16	108	2.00	3.87		
Toluene*	<0.050	0.050	08/18/2023	ND	2.11	106	2.00	3.55		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	2.06	103	2.00	3.87		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	6.21	104	6.00	3.26		
Total BTEX	<0.300	0.300	08/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 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	96.0	16.0	08/18/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2023	ND	202	101	200	0.649		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	186	92.9	200	3.36		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 62.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 63.6 % 49.1-148

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**Analytical Results For:**

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

Received:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 383 (2.0') (H234485-64)**

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	08/18/2023	ND	2.16	108	2.00	3.87		
Toluene*	<0.050	0.050	08/18/2023	ND	2.11	106	2.00	3.55		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	2.06	103	2.00	3.87		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	6.21	104	6.00	3.26		
Total BTEX	<0.300	0.300	08/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/18/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2023	ND	202	101	200	0.649		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	186	92.9	200	3.36		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 67.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.4 % 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:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 384 (2.0') (H234485-65)**

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	08/18/2023	ND	2.16	108	2.00	3.87		
Toluene*	<0.050	0.050	08/18/2023	ND	2.11	106	2.00	3.55		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	2.06	103	2.00	3.87		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	6.21	104	6.00	3.26		
Total BTEX	<0.300	0.300	08/18/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/18/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2023	ND	202	101	200	0.649		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	186	92.9	200	3.36		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 65.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.2 % 49.1-148

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**Analytical Results For:**

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

Received:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 385 (2.0') (H234485-66)**

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	08/18/2023	ND	2.16	108	2.00	3.87		
Toluene*	<0.050	0.050	08/18/2023	ND	2.11	106	2.00	3.55		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	2.06	103	2.00	3.87		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	6.21	104	6.00	3.26		
Total BTEX	<0.300	0.300	08/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 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	08/18/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2023	ND	202	101	200	0.649		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	186	92.9	200	3.36		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 66.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.5 % 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:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 386 (2.0') (H234485-67)**

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	08/18/2023	ND	2.16	108	2.00	3.87		
Toluene*	<0.050	0.050	08/18/2023	ND	2.11	106	2.00	3.55		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	2.06	103	2.00	3.87		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	6.21	104	6.00	3.26		
Total BTEX	<0.300	0.300	08/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 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	<16.0	16.0	08/18/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2023	ND	202	101	200	0.649		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	186	92.9	200	3.36		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 70.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.0 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 387 (2.0') (H234485-68)**

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	08/18/2023	ND	2.16	108	2.00	3.87		
Toluene*	<0.050	0.050	08/18/2023	ND	2.11	106	2.00	3.55		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	2.06	103	2.00	3.87		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	6.21	104	6.00	3.26		
Total BTEX	<0.300	0.300	08/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 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	<16.0	16.0	08/18/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2023	ND	202	101	200	0.649		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	186	92.9	200	3.36		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 63.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.8 % 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:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 388 (2.0') (H234485-69)**

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	08/18/2023	ND	2.16	108	2.00	3.87		
Toluene*	<0.050	0.050	08/18/2023	ND	2.11	106	2.00	3.55		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	2.06	103	2.00	3.87		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	6.21	104	6.00	3.26		
Total BTEX	<0.300	0.300	08/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 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	08/18/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2023	ND	202	101	200	0.649		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	186	92.9	200	3.36		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 71.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.7 % 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:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 389 (2.0') (H234485-70)**

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	08/18/2023	ND	2.16	108	2.00	3.87		
Toluene*	<0.050	0.050	08/18/2023	ND	2.11	106	2.00	3.55		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	2.06	103	2.00	3.87		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	6.21	104	6.00	3.26		
Total BTEX	<0.300	0.300	08/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 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	<16.0	16.0	08/18/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/19/2023	ND	202	101	200	0.649		
DRO >C10-C28*	<10.0	10.0	08/19/2023	ND	186	92.9	200	3.36		
EXT DRO >C28-C36	<10.0	10.0	08/19/2023	ND						

Surrogate: 1-Chlorooctane 64.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.8 % 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: 4234485

Page 1 of 14

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:	Sidewinder Riser Release	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	
Project Number:	2049	Due Date:	24 Hours		
Project Location:	Lea County, New Mexico				
Sampler's Name:	GPJJJR				
PO #:					
<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"/>	
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:		140	
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Correction Factor:			
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Temperature Reading:		8.12	
Total Containers:		Corrected Temperature:			

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST	Preservative Codes	Sample Comments
CS-320 (2.0')	8/17/2023		X		C	1	X		None: NO	
CS-321 (2.0')	8/17/2023		X		C	1	X		DI Water: H <sub>2</sub> O	
CS-322 (2.0')	8/17/2023		X		C	1	X		Cool: Cool	MeOH: Me
CS-323 (2.0')	8/17/2023		X		C	1	X		HCL: HC	HNO <sub>3</sub> : HN
CS-324 (2.0')	8/17/2023		X		C	1	X		H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na
CS-325 (2.0')	8/17/2023		X		C	1	X		H <sub>3</sub> PO <sub>4</sub> : HP	
CS-326 (2.0')	8/17/2023		X		C	1	X		NaHSO <sub>4</sub> : NABIS	
CS-327 (2.0')	8/17/2023		X		C	1	X		Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub>	
CS-328 (2.0')	8/17/2023		X		C	1	X		Zn Acetate+NaOH: Zn	
CS-329 (2.0')	8/17/2023		X		C	1	X		NaOH+Ascorbic Acid: SAPC	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	8/18/23 0920		

Chain of Custody

Work Order No:

4234485

Page 2 of 14

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Project Manager:	Conner Moehring	Bill ID: (if different)	James Kennedy
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500 Midland, TX 79701	Address:	5509 Champions Dr Midland, Tx 79706
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  Rowfields  RC  perfund

State of Project:

Reporting Level II  Level III  ST/UST  RRP  Level IV

Deliverables: EDD  ADAPT  Other:

Project Name:	Sidewinder Riser Release	Turn Around		Pres. Code	ANALYSIS REQUEST			Preservative Codes
		<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush		BTEX 8021B	TPH 8015M ( GRO + DRO + MRO)	Chloride 4500	
Project Number:	2049							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:	GPJ/JR							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"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			H <sub>3</sub> PO <sub>4</sub> : HP
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Thermometer ID:	Correction Factor:	140				NaHSO <sub>4</sub> : NABIS
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:	Corrected Temperature:	2.12				Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NASO <sub>5</sub>
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input 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-330 (2.0')	8/17/2023		X		C	1	X	X
CS-331 (2.0')	8/17/2023		X		C	1	X	X
CS-332 (2.0')	8/17/2023		X		C	1	X	X
CS-333 (2.0')	8/17/2023		X		C	1	X	X
CS-334 (2.0')	8/17/2023		X		C	1	X	X
CS-335 (2.0')	8/17/2023		X		C	1	X	X
CS-336 (2.0')	8/17/2023		X		C	1	X	X
CS-337 (2.0')	8/17/2023		X		C	1	X	X
CS-338 (2.0')	8/17/2023		X		C	1	X	X
CS-339 (2.0')	8/17/2023		X		C	1	X	X

Comments: Email to Mike Carmona / Mearmona@carmonarresources.com and Conner Moehring / Cmoehring@carmonarresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	8-18-23 1920		

Chain of Custody

Work Order No: 10334485

Page 3 of 14

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 Midland, TX 79701	Address:	5509 Champions Dr Midland, Tx 79706
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"/> Rowfields	<input type="checkbox"/> RC	<input type="checkbox"/> perfund
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:	Sidewinder Riser Release	Turn Around	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush	Pres. Code	
Project Number:	2049	Due Date:	24 Hours			
Project Location:	Lea County, New Mexico					
Sampler's Name:	GP/JJR					
PO #:						
<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	
Received In tact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	140		BTEX 8021B	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	2.12		TPH 8015M ( GRO + DRO + MRO)	
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:			Chloride 4500	
Total Containers:		Corrected Temperature:				

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST										Preservative Codes	
CS-340 (2.0')	8/17/2023		X		C	1	X	X	X								None: NO	DI Water: H <sub>2</sub> O
CS-341 (2.0')	8/17/2023		X		C	1	X	X	X								Cool: Cool	MeOH: Me
CS-342 (2.0')	8/17/2023		X		C	1	X	X	X								HCL: HC	HNO <sub>3</sub> : HN
CS-343 (2.0')	8/17/2023		X		C	1	X	X	X								H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na
CS-344 (2.0')	8/17/2023		X		C	1	X	X	X								H <sub>3</sub> PO <sub>4</sub> : HP	
CS-345 (2.0')	8/17/2023		X		C	1	X	X	X								NaHSO <sub>4</sub> : NABIS	
CS-346 (2.0')	8/17/2023		X		C	1	X	X	X								Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NASO <sub>5</sub>	
CS-347 (2.0')	8/17/2023		X		C	1	X	X	X								Zn Acetate+NaOH: Zn	
CS-348 (2.0')	8/17/2023		X		C	1	X	X	X								NaOH+Ascorbic Acid: SARC	
CS-349 (2.0')	8/17/2023		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
	8-18-23 0920		

Chain of Custody

Work Order No:

4234485

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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  PRP  Brownfields  RC  Fund

State of Project:

Reporting Level II  Level III  ST/UST  RRP  Level IV

Deliverables: EDD  ADAPT  Other:

Project Name:	Sidewinder Riser Release	Turn Around		Pres. Code	ANALYSIS REQUEST			Preservative Codes
		<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush					
Project Number:	2049							
Project Location:	Lea County, New Mexico	Due Date:	24 Hours					
Sampler's Name:	GP/JJR							
PO #:								
<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"/>				
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	140					
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	2.12					
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:						
Total Containers:		Corrected Temperature:						
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	
CS-350 (2.0')	8/17/2023		X		C	1	X	X
CS-351 (2.0')	8/17/2023		X		C	1	X	X
CS-352 (2.0')	8/17/2023		X		C	1	X	X
CS-353 (2.0')	8/17/2023		X		C	1	X	X
CS-354 (2.0')	8/17/2023		X		C	1	X	X
CS-355 (2.0')	8/17/2023		X		C	1	X	X
CS-356 (2.0')	8/17/2023		X		C	1	X	X
CS-357 (2.0')	8/17/2023		X		C	1	X	X
CS-358 (2.0')	8/17/2023		X		C	1	X	X
CS-359 (2.0')	8/17/2023		X		C	1	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
		8-18-23 0920		

Chain of Custody

Work Order No:

112345

Page 5 of 14

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

Program:	UST/PST	<input type="checkbox"/> Prp	<input type="checkbox"/> Rowfields	<input type="checkbox"/> RC	<input type="checkbox"/> Perfund
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"/> Other:		

Project Name:	Sidewinder Riser Release	Turn Around	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush	Pres. Code	
Project Number:	2049	Due Date:	24 Hours			
Project Location:	Lea County, New Mexico					
Sampler's Name:	GPJ/JR					
PO #:						
<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	
Received Inact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	140		BTEX 8021B	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	N/A		TPH 8015M ( GRO + DRO + MRO)	
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	8.12		Chloride 4500	
Total Containers:		Corrected Temperature:				

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST										Preservative Codes	
CS-360 (2.0')	8/17/2023		X		C	1	X	X	X									None: NO
CS-361 (2.0')	8/17/2023		X		C	1	X	X	X									DI Water: H <sub>2</sub> O
CS-362 (2.0')	8/17/2023		X		C	1	X	X	X									Cool: Cool
CS-363 (2.0')	8/17/2023		X		C	1	X	X	X									HCL: HC
CS-364 (2.0')	8/17/2023		X		C	1	X	X	X									H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>
CS-365 (2.0')	8/17/2023		X		C	1	X	X	X									H <sub>3</sub> PO <sub>4</sub> : HP
CS-366 (2.0')	8/17/2023		X		C	1	X	X	X									NaHSO <sub>4</sub> : NABIS
CS-367 (2.0')	8/17/2023		X		C	1	X	X	X									Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub>
CS-368 (2.0')	8/17/2023		X		C	1	X	X	X									Zn Acetate+NaOH: Zn
CS-369 (2.0')	8/17/2023		X		C	1	X	X	X									NaOH+Ascorbic Acid: SAPC

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	8-18-23 0920		







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

---

August 21, 2023

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

RE: SIDEWINDER RISER RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 08/18/23 9:20.

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:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 390 (2.0') (H234486-01)**

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	08/18/2023	ND	2.16	108	2.00	3.87	
Toluene*	<0.050	0.050	08/18/2023	ND	2.11	106	2.00	3.55	
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	2.06	103	2.00	3.87	
Total Xylenes*	<0.150	0.150	08/18/2023	ND	6.21	104	6.00	3.26	
Total BTEX	<0.300	0.300	08/18/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/18/2023	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2023	ND	202	101	200	0.649	
DRO >C10-C28*	<10.0	10.0	08/19/2023	ND	186	92.9	200	3.36	
EXT DRO >C28-C36	<10.0	10.0	08/19/2023	ND					

Surrogate: 1-Chlorooctane 70.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.7 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 391 (2.0') (H234486-02)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	2.16	108	2.00	3.87		
Toluene*	<0.050	0.050	08/18/2023	ND	2.11	106	2.00	3.55		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	2.06	103	2.00	3.87		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	6.21	104	6.00	3.26		
Total BTEX	<0.300	0.300	08/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/18/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/19/2023	ND	202	101	200	0.649		
DRO >C10-C28*	<10.0	10.0	08/19/2023	ND	186	92.9	200	3.36		
EXT DRO >C28-C36	<10.0	10.0	08/19/2023	ND						

Surrogate: 1-Chlorooctane 68.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.5 % 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: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 392 (2.0') (H234486-03)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	2.16	108	2.00	3.87		
Toluene*	<0.050	0.050	08/18/2023	ND	2.11	106	2.00	3.55		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	2.06	103	2.00	3.87		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	6.21	104	6.00	3.26		
Total BTEX	<0.300	0.300	08/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 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	08/18/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/19/2023	ND	202	101	200	0.649		
DRO >C10-C28*	<10.0	10.0	08/19/2023	ND	186	92.9	200	3.36		
EXT DRO >C28-C36	<10.0	10.0	08/19/2023	ND						

Surrogate: 1-Chlorooctane 69.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.1 % 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:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 393 (2.0') (H234486-04)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	2.16	108	2.00	3.87		
Toluene*	<0.050	0.050	08/18/2023	ND	2.11	106	2.00	3.55		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	2.06	103	2.00	3.87		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	6.21	104	6.00	3.26		
Total BTEX	<0.300	0.300	08/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/18/2023	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	08/19/2023	ND	202	101	200	0.649		
DRO >C10-C28*	<10.0	10.0	08/19/2023	ND	186	92.9	200	3.36		
EXT DRO >C28-C36	<10.0	10.0	08/19/2023	ND						

Surrogate: 1-Chlorooctane 74.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.0 % 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: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 394 (2.0') (H234486-05)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	2.16	108	2.00	3.87		
Toluene*	<0.050	0.050	08/18/2023	ND	2.11	106	2.00	3.55		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	2.06	103	2.00	3.87		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	6.21	104	6.00	3.26		
Total BTEX	<0.300	0.300	08/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 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	08/18/2023	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	08/19/2023	ND	202	101	200	0.649		
DRO >C10-C28*	<10.0	10.0	08/19/2023	ND	186	92.9	200	3.36		
EXT DRO >C28-C36	<10.0	10.0	08/19/2023	ND						

Surrogate: 1-Chlorooctane 72.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.3 % 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:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 395 (2.0') (H234486-06)**

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	08/18/2023	ND	2.16	108	2.00	3.87		
Toluene*	<0.050	0.050	08/18/2023	ND	2.11	106	2.00	3.55		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	2.06	103	2.00	3.87		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	6.21	104	6.00	3.26		
Total BTEX	<0.300	0.300	08/18/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/18/2023	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	08/19/2023	ND	202	101	200	0.649		
DRO >C10-C28*	<10.0	10.0	08/19/2023	ND	186	92.9	200	3.36		
EXT DRO >C28-C36	<10.0	10.0	08/19/2023	ND						

Surrogate: 1-Chlorooctane 86.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.8 % 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:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 396 (2.0') (H234486-07)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2023	ND	2.16	108	2.00	3.87		
Toluene*	<0.050	0.050	08/19/2023	ND	2.11	106	2.00	3.55		
Ethylbenzene*	<0.050	0.050	08/19/2023	ND	2.06	103	2.00	3.87		
Total Xylenes*	<0.150	0.150	08/19/2023	ND	6.21	104	6.00	3.26		
Total BTEX	<0.300	0.300	08/19/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/18/2023	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	08/19/2023	ND	202	101	200	0.649		
DRO >C10-C28*	<10.0	10.0	08/19/2023	ND	186	92.9	200	3.36		
EXT DRO >C28-C36	<10.0	10.0	08/19/2023	ND						

Surrogate: 1-Chlorooctane 74.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 397 (2.0') (H234486-08)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2023	ND	2.16	108	2.00	3.87		
Toluene*	<0.050	0.050	08/19/2023	ND	2.11	106	2.00	3.55		
Ethylbenzene*	<0.050	0.050	08/19/2023	ND	2.06	103	2.00	3.87		
Total Xylenes*	<0.150	0.150	08/19/2023	ND	6.21	104	6.00	3.26		
Total BTEX	<0.300	0.300	08/19/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/18/2023	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	08/19/2023	ND	202	101	200	0.649		
DRO >C10-C28*	<10.0	10.0	08/19/2023	ND	186	92.9	200	3.36		
EXT DRO >C28-C36	<10.0	10.0	08/19/2023	ND						

Surrogate: 1-Chlorooctane 70.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.2 % 49.1-148

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**Analytical Results For:**

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

Received:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 398 (2.0') (H234486-09)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2023	ND	2.16	108	2.00	3.87		
Toluene*	<0.050	0.050	08/19/2023	ND	2.11	106	2.00	3.55		
Ethylbenzene*	<0.050	0.050	08/19/2023	ND	2.06	103	2.00	3.87		
Total Xylenes*	<0.150	0.150	08/19/2023	ND	6.21	104	6.00	3.26		
Total BTEX	<0.300	0.300	08/19/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/18/2023	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	08/19/2023	ND	202	101	200	0.649		
DRO >C10-C28*	<10.0	10.0	08/19/2023	ND	186	92.9	200	3.36		
EXT DRO >C28-C36	<10.0	10.0	08/19/2023	ND						

Surrogate: 1-Chlorooctane 59.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 60.7 % 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:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 399 (2.0') (H234486-10)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2023	ND	2.16	108	2.00	3.87		
Toluene*	<0.050	0.050	08/19/2023	ND	2.11	106	2.00	3.55		
Ethylbenzene*	<0.050	0.050	08/19/2023	ND	2.06	103	2.00	3.87		
Total Xylenes*	<0.150	0.150	08/19/2023	ND	6.21	104	6.00	3.26		
Total BTEX	<0.300	0.300	08/19/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 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	<16.0	16.0	08/18/2023	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	08/19/2023	ND	202	101	200	0.649		
DRO >C10-C28*	<10.0	10.0	08/19/2023	ND	186	92.9	200	3.36		
EXT DRO >C28-C36	<10.0	10.0	08/19/2023	ND						

Surrogate: 1-Chlorooctane 66.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.9 % 49.1-148

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**Analytical Results For:**

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

Received:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 400 (2.0') (H234486-11)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	2.09	104	2.00	0.242		
Toluene*	<0.050	0.050	08/18/2023	ND	2.02	101	2.00	0.557		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	2.09	104	2.00	3.21		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	6.27	104	6.00	2.82		
Total BTEX	<0.300	0.300	08/18/2023	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	08/18/2023	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	08/18/2023	ND	228	114	200	8.12		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	231	115	200	0.846		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 81.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.7 % 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: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 401 (2.0') (H234486-12)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	2.09	104	2.00	0.242		
Toluene*	<0.050	0.050	08/18/2023	ND	2.02	101	2.00	0.557		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	2.09	104	2.00	3.21		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	6.27	104	6.00	2.82		
Total BTEX	<0.300	0.300	08/18/2023	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	08/18/2023	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	08/18/2023	ND	228	114	200	8.12		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	231	115	200	0.846		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 76.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.2 % 49.1-148

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**Analytical Results For:**

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

Received:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 402 (2.0') (H234486-13)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	2.09	104	2.00	0.242		
Toluene*	<0.050	0.050	08/18/2023	ND	2.02	101	2.00	0.557		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	2.09	104	2.00	3.21		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	6.27	104	6.00	2.82		
Total BTEX	<0.300	0.300	08/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/18/2023	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	08/18/2023	ND	228	114	200	8.12		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	231	115	200	0.846		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 75.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.6 % 49.1-148

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**Analytical Results For:**

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

Received:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 403 (2.0') (H234486-14)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	2.09	104	2.00	0.242		
Toluene*	<0.050	0.050	08/18/2023	ND	2.02	101	2.00	0.557		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	2.09	104	2.00	3.21		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	6.27	104	6.00	2.82		
Total BTEX	<0.300	0.300	08/18/2023	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	08/18/2023	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	08/18/2023	ND	228	114	200	8.12		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	231	115	200	0.846		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 82.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.3 % 49.1-148

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**Analytical Results For:**

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

Received:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 404 (2.0') (H234486-15)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	2.09	104	2.00	0.242		
Toluene*	<0.050	0.050	08/18/2023	ND	2.02	101	2.00	0.557		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	2.09	104	2.00	3.21		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	6.27	104	6.00	2.82		
Total BTEX	<0.300	0.300	08/18/2023	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	08/18/2023	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	08/18/2023	ND	228	114	200	8.12		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	231	115	200	0.846		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 79.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 405 (2.0') (H234486-16)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	2.09	104	2.00	0.242		
Toluene*	<0.050	0.050	08/18/2023	ND	2.02	101	2.00	0.557		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	2.09	104	2.00	3.21		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	6.27	104	6.00	2.82		
Total BTEX	<0.300	0.300	08/18/2023	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	<16.0	16.0	08/18/2023	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	08/18/2023	ND	228	114	200	8.12		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	231	115	200	0.846		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 79.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.7 % 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: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 406 (2.0') (H234486-17)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	2.09	104	2.00	0.242		
Toluene*	<0.050	0.050	08/18/2023	ND	2.02	101	2.00	0.557		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	2.09	104	2.00	3.21		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	6.27	104	6.00	2.82		
Total BTEX	<0.300	0.300	08/18/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/18/2023	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	08/19/2023	ND	228	114	200	8.12		
DRO >C10-C28*	<10.0	10.0	08/19/2023	ND	231	115	200	0.846		
EXT DRO >C28-C36	<10.0	10.0	08/19/2023	ND						

Surrogate: 1-Chlorooctane 86.4 % 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:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 407 (2.0') (H234486-18)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	2.09	104	2.00	0.242		
Toluene*	<0.050	0.050	08/18/2023	ND	2.02	101	2.00	0.557		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	2.09	104	2.00	3.21		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	6.27	104	6.00	2.82		
Total BTEX	<0.300	0.300	08/18/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/18/2023	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	08/19/2023	ND	228	114	200	8.12		
DRO >C10-C28*	<10.0	10.0	08/19/2023	ND	231	115	200	0.846		
EXT DRO >C28-C36	<10.0	10.0	08/19/2023	ND						

Surrogate: 1-Chlorooctane 77.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.2 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 408 (2.0') (H234486-19)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	2.09	104	2.00	0.242		
Toluene*	<0.050	0.050	08/18/2023	ND	2.02	101	2.00	0.557		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	2.09	104	2.00	3.21		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	6.27	104	6.00	2.82		
Total BTEX	<0.300	0.300	08/18/2023	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	08/18/2023	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	08/19/2023	ND	228	114	200	8.12		
DRO >C10-C28*	<10.0	10.0	08/19/2023	ND	231	115	200	0.846		
EXT DRO >C28-C36	<10.0	10.0	08/19/2023	ND						

Surrogate: 1-Chlorooctane 77.9 % 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: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 409 (2.0') (H234486-20)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	2.09	104	2.00	0.242		
Toluene*	<0.050	0.050	08/18/2023	ND	2.02	101	2.00	0.557		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	2.09	104	2.00	3.21		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	6.27	104	6.00	2.82		
Total BTEX	<0.300	0.300	08/18/2023	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	<16.0	16.0	08/18/2023	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	08/19/2023	ND	228	114	200	8.12		
DRO >C10-C28*	<10.0	10.0	08/19/2023	ND	231	115	200	0.846		
EXT DRO >C28-C36	<10.0	10.0	08/19/2023	ND						

Surrogate: 1-Chlorooctane 81.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.0 % 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: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 410 (2.0') (H234486-21)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	2.09	104	2.00	0.242		
Toluene*	<0.050	0.050	08/18/2023	ND	2.02	101	2.00	0.557		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	2.09	104	2.00	3.21		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	6.27	104	6.00	2.82		
Total BTEX	<0.300	0.300	08/18/2023	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	08/18/2023	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	08/19/2023	ND	228	114	200	8.12		
DRO >C10-C28*	<10.0	10.0	08/19/2023	ND	231	115	200	0.846		
EXT DRO >C28-C36	<10.0	10.0	08/19/2023	ND						

Surrogate: 1-Chlorooctane 68.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.5 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 411 (2.0') (H234486-22)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	2.09	104	2.00	0.242		
Toluene*	<0.050	0.050	08/18/2023	ND	2.02	101	2.00	0.557		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	2.09	104	2.00	3.21		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	6.27	104	6.00	2.82		
Total BTEX	<0.300	0.300	08/18/2023	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	08/18/2023	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	08/19/2023	ND	228	114	200	8.12		
DRO >C10-C28*	<10.0	10.0	08/19/2023	ND	231	115	200	0.846		
EXT DRO >C28-C36	<10.0	10.0	08/19/2023	ND						

Surrogate: 1-Chlorooctane 73.7 % 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: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 412 (2.0') (H234486-23)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	2.09	104	2.00	0.242		
Toluene*	<0.050	0.050	08/18/2023	ND	2.02	101	2.00	0.557		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	2.09	104	2.00	3.21		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	6.27	104	6.00	2.82		
Total BTEX	<0.300	0.300	08/18/2023	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	08/18/2023	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	08/19/2023	ND	228	114	200	8.12		
DRO >C10-C28*	<10.0	10.0	08/19/2023	ND	231	115	200	0.846		
EXT DRO >C28-C36	<10.0	10.0	08/19/2023	ND						

Surrogate: 1-Chlorooctane 83.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.5 % 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: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 413 (2.0') (H234486-24)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2023	ND	2.09	104	2.00	0.242		
Toluene*	<0.050	0.050	08/19/2023	ND	2.02	101	2.00	0.557		
Ethylbenzene*	<0.050	0.050	08/19/2023	ND	2.09	104	2.00	3.21		
Total Xylenes*	<0.150	0.150	08/19/2023	ND	6.27	104	6.00	2.82		
Total BTEX	<0.300	0.300	08/19/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/18/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/19/2023	ND	228	114	200	8.12		
DRO >C10-C28*	<10.0	10.0	08/19/2023	ND	231	115	200	0.846		
EXT DRO >C28-C36	<10.0	10.0	08/19/2023	ND						

Surrogate: 1-Chlorooctane 80.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 414 (2.0') (H234486-25)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2023	ND	2.09	104	2.00	0.242		
Toluene*	<0.050	0.050	08/19/2023	ND	2.02	101	2.00	0.557		
Ethylbenzene*	<0.050	0.050	08/19/2023	ND	2.09	104	2.00	3.21		
Total Xylenes*	<0.150	0.150	08/19/2023	ND	6.27	104	6.00	2.82		
Total BTEX	<0.300	0.300	08/19/2023	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	08/18/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/19/2023	ND	228	114	200	8.12		
DRO >C10-C28*	<10.0	10.0	08/19/2023	ND	231	115	200	0.846		
EXT DRO >C28-C36	<10.0	10.0	08/19/2023	ND						

Surrogate: 1-Chlorooctane 80.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.6 % 49.1-148

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**Analytical Results For:**

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

Received:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 415 (2.0') (H234486-26)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2023	ND	2.09	104	2.00	0.242		
Toluene*	<0.050	0.050	08/19/2023	ND	2.02	101	2.00	0.557		
Ethylbenzene*	<0.050	0.050	08/19/2023	ND	2.09	104	2.00	3.21		
Total Xylenes*	<0.150	0.150	08/19/2023	ND	6.27	104	6.00	2.82		
Total BTEX	<0.300	0.300	08/19/2023	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	32.0	16.0	08/18/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/19/2023	ND	228	114	200	8.12		
DRO >C10-C28*	<10.0	10.0	08/19/2023	ND	231	115	200	0.846		
EXT DRO >C28-C36	<10.0	10.0	08/19/2023	ND						

Surrogate: 1-Chlorooctane 80.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.8 % 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: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 416 (2.0') (H234486-27)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2023	ND	2.09	104	2.00	0.242		
Toluene*	<0.050	0.050	08/19/2023	ND	2.02	101	2.00	0.557		
Ethylbenzene*	<0.050	0.050	08/19/2023	ND	2.09	104	2.00	3.21		
Total Xylenes*	<0.150	0.150	08/19/2023	ND	6.27	104	6.00	2.82		
Total BTEX	<0.300	0.300	08/19/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/18/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/19/2023	ND	228	114	200	8.12		
DRO >C10-C28*	<10.0	10.0	08/19/2023	ND	231	115	200	0.846		
EXT DRO >C28-C36	<10.0	10.0	08/19/2023	ND						

Surrogate: 1-Chlorooctane 78.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.0 % 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: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 417 (2.0') (H234486-28)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2023	ND	2.09	104	2.00	0.242		
Toluene*	<0.050	0.050	08/19/2023	ND	2.02	101	2.00	0.557		
Ethylbenzene*	<0.050	0.050	08/19/2023	ND	2.09	104	2.00	3.21		
Total Xylenes*	<0.150	0.150	08/19/2023	ND	6.27	104	6.00	2.82		
Total BTEX	<0.300	0.300	08/19/2023	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	08/18/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/19/2023	ND	228	114	200	8.12		
DRO >C10-C28*	<10.0	10.0	08/19/2023	ND	231	115	200	0.846		
EXT DRO >C28-C36	<10.0	10.0	08/19/2023	ND						

Surrogate: 1-Chlorooctane 80.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.2 % 49.1-148

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**Analytical Results For:**

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

Received:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 418 (2.0') (H234486-29)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2023	ND	2.09	104	2.00	0.242		
Toluene*	<0.050	0.050	08/19/2023	ND	2.02	101	2.00	0.557		
Ethylbenzene*	<0.050	0.050	08/19/2023	ND	2.09	104	2.00	3.21		
Total Xylenes*	<0.150	0.150	08/19/2023	ND	6.27	104	6.00	2.82		
Total BTEX	<0.300	0.300	08/19/2023	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	<16.0	16.0	08/18/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/19/2023	ND	228	114	200	8.12		
DRO >C10-C28*	<10.0	10.0	08/19/2023	ND	231	115	200	0.846		
EXT DRO >C28-C36	<10.0	10.0	08/19/2023	ND						

Surrogate: 1-Chlorooctane 76.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 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: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 419 (2.0') (H234486-30)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2023	ND	2.09	104	2.00	0.242		
Toluene*	<0.050	0.050	08/19/2023	ND	2.02	101	2.00	0.557		
Ethylbenzene*	<0.050	0.050	08/19/2023	ND	2.09	104	2.00	3.21		
Total Xylenes*	<0.150	0.150	08/19/2023	ND	6.27	104	6.00	2.82		
Total BTEX	<0.300	0.300	08/19/2023	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	08/18/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/19/2023	ND	228	114	200	8.12		
DRO >C10-C28*	<10.0	10.0	08/19/2023	ND	231	115	200	0.846		
EXT DRO >C28-C36	<10.0	10.0	08/19/2023	ND						

Surrogate: 1-Chlorooctane 76.3 % 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:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 420 (2.0') (H234486-31)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	1.94	96.8	2.00	3.29		
Toluene*	<0.050	0.050	08/18/2023	ND	1.87	93.5	2.00	8.41		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.92	96.0	2.00	2.62		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.66	94.4	6.00	3.61		
Total BTEX	<0.300	0.300	08/18/2023	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	
Chloride	16.0	16.0	08/18/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	185	92.7	200	8.99		
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	191	95.5	200	12.4		
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND						

Surrogate: 1-Chlorooctane 82.6 % 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:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 421 (2.0') (H234486-32)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	1.94	96.8	2.00	3.29		
Toluene*	<0.050	0.050	08/18/2023	ND	1.87	93.5	2.00	8.41		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.92	96.0	2.00	2.62		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.66	94.4	6.00	3.61		
Total BTEX	<0.300	0.300	08/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/18/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	185	92.7	200	8.99		
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	191	95.5	200	12.4		
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND						

Surrogate: 1-Chlorooctane 82.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 422 (2.0') (H234486-33)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	1.94	96.8	2.00	3.29		
Toluene*	<0.050	0.050	08/18/2023	ND	1.87	93.5	2.00	8.41		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.92	96.0	2.00	2.62		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.66	94.4	6.00	3.61		
Total BTEX	<0.300	0.300	08/18/2023	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	
<b>Chloride</b>	<b>48.0</b>	16.0	08/18/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	185	92.7	200	8.99		
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	191	95.5	200	12.4		
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND						

Surrogate: 1-Chlorooctane 79.2 % 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:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 423 (2.0') (H234486-34)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	1.94	96.8	2.00	3.29		
Toluene*	<0.050	0.050	08/18/2023	ND	1.87	93.5	2.00	8.41		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.92	96.0	2.00	2.62		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.66	94.4	6.00	3.61		
Total BTEX	<0.300	0.300	08/18/2023	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	32.0	16.0	08/18/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	185	92.7	200	8.99		
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	191	95.5	200	12.4		
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND						

Surrogate: 1-Chlorooctane 95.0 % 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:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 424 (2.0') (H234486-35)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	1.94	96.8	2.00	3.29		
Toluene*	<0.050	0.050	08/18/2023	ND	1.87	93.5	2.00	8.41		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.92	96.0	2.00	2.62		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.66	94.4	6.00	3.61		
Total BTEX	<0.300	0.300	08/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/18/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	185	92.7	200	8.99		
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	191	95.5	200	12.4		
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND						

Surrogate: 1-Chlorooctane 90.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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**Analytical Results For:**

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

Received:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 425 (2.0') (H234486-36)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	1.94	96.8	2.00	3.29		
Toluene*	<0.050	0.050	08/18/2023	ND	1.87	93.5	2.00	8.41		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.92	96.0	2.00	2.62		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.66	94.4	6.00	3.61		
Total BTEX	<0.300	0.300	08/18/2023	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	08/18/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	185	92.7	200	8.99		
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	191	95.5	200	12.4		
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND						

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 426 (2.0') (H234486-37)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	1.94	96.8	2.00	3.29		
Toluene*	<0.050	0.050	08/18/2023	ND	1.87	93.5	2.00	8.41		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.92	96.0	2.00	2.62		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.66	94.4	6.00	3.61		
Total BTEX	<0.300	0.300	08/18/2023	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	
Chloride	16.0	16.0	08/18/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	185	92.7	200	8.99		
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	191	95.5	200	12.4		
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND						

Surrogate: 1-Chlorooctane 105 % 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:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 427 (2.0') (H234486-38)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	1.94	96.8	2.00	3.29		
Toluene*	<0.050	0.050	08/18/2023	ND	1.87	93.5	2.00	8.41		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.92	96.0	2.00	2.62		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.66	94.4	6.00	3.61		
Total BTEX	<0.300	0.300	08/18/2023	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	32.0	16.0	08/18/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	185	92.7	200	8.99		
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	191	95.5	200	12.4		
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND						

Surrogate: 1-Chlorooctane 80.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.9 % 49.1-148

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**Analytical Results For:**

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

Received:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 428 (2.0') (H234486-39)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	1.94	96.8	2.00	3.29		
Toluene*	<0.050	0.050	08/18/2023	ND	1.87	93.5	2.00	8.41		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.92	96.0	2.00	2.62		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.66	94.4	6.00	3.61		
Total BTEX	<0.300	0.300	08/18/2023	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	
Chloride	48.0	16.0	08/18/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	185	92.7	200	8.99		
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	191	95.5	200	12.4		
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND						

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.4 % 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:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 429 (2.0') (H234486-40)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	1.94	96.8	2.00	3.29		
Toluene*	<0.050	0.050	08/18/2023	ND	1.87	93.5	2.00	8.41		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.92	96.0	2.00	2.62		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.66	94.4	6.00	3.61		
Total BTEX	<0.300	0.300	08/18/2023	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	08/18/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	185	92.7	200	8.99		
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	191	95.5	200	12.4		
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND						

Surrogate: 1-Chlorooctane 88.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.3 % 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:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 430 (2.0') (H234486-41)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	1.94	96.8	2.00	3.29		
Toluene*	<0.050	0.050	08/18/2023	ND	1.87	93.5	2.00	8.41		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.92	96.0	2.00	2.62		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.66	94.4	6.00	3.61		
Total BTEX	<0.300	0.300	08/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	08/18/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	185	92.7	200	8.99		
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	191	95.5	200	12.4		
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND						

Surrogate: 1-Chlorooctane 91.6 % 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:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 431 (2.0') (H234486-42)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/18/2023	ND	1.94	96.8	2.00	3.29		
Toluene*	<0.050	0.050	08/18/2023	ND	1.87	93.5	2.00	8.41		
Ethylbenzene*	<0.050	0.050	08/18/2023	ND	1.92	96.0	2.00	2.62		
Total Xylenes*	<0.150	0.150	08/18/2023	ND	5.66	94.4	6.00	3.61		
Total BTEX	<0.300	0.300	08/18/2023	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	16.0	16.0	08/18/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	185	92.7	200	8.99		
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	191	95.5	200	12.4		
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND						

Surrogate: 1-Chlorooctane 72.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.0 % 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:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 432 (2.0') (H234486-43)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2023	ND	1.94	96.8	2.00	3.29		
Toluene*	<0.050	0.050	08/19/2023	ND	1.87	93.5	2.00	8.41		
Ethylbenzene*	<0.050	0.050	08/19/2023	ND	1.92	96.0	2.00	2.62		
Total Xylenes*	<0.150	0.150	08/19/2023	ND	5.66	94.4	6.00	3.61		
Total BTEX	<0.300	0.300	08/19/2023	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	
Chloride	<16.0	16.0	08/18/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	185	92.7	200	8.99		
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	191	95.5	200	12.4		
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND						

Surrogate: 1-Chlorooctane 82.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.8 % 49.1-148

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**Analytical Results For:**

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

Received:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 433 (2.0') (H234486-44)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2023	ND	1.94	96.8	2.00	3.29		
Toluene*	<0.050	0.050	08/19/2023	ND	1.87	93.5	2.00	8.41		
Ethylbenzene*	<0.050	0.050	08/19/2023	ND	1.92	96.0	2.00	2.62		
Total Xylenes*	<0.150	0.150	08/19/2023	ND	5.66	94.4	6.00	3.61		
Total BTEX	<0.300	0.300	08/19/2023	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	08/18/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	185	92.7	200	8.99		
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	191	95.5	200	12.4		
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND						

Surrogate: 1-Chlorooctane 89.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 434 (2.0') (H234486-45)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2023	ND	1.94	96.8	2.00	3.29		
Toluene*	<0.050	0.050	08/19/2023	ND	1.87	93.5	2.00	8.41		
Ethylbenzene*	<0.050	0.050	08/19/2023	ND	1.92	96.0	2.00	2.62		
Total Xylenes*	<0.150	0.150	08/19/2023	ND	5.66	94.4	6.00	3.61		
Total BTEX	<0.300	0.300	08/19/2023	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	<16.0	16.0	08/18/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	185	92.7	200	8.99		
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	191	95.5	200	12.4		
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND						

Surrogate: 1-Chlorooctane 97.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 435 (2.0') (H234486-46)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2023	ND	1.94	96.8	2.00	3.29		
Toluene*	<0.050	0.050	08/19/2023	ND	1.87	93.5	2.00	8.41		
Ethylbenzene*	<0.050	0.050	08/19/2023	ND	1.92	96.0	2.00	2.62		
Total Xylenes*	<0.150	0.150	08/19/2023	ND	5.66	94.4	6.00	3.61		
Total BTEX	<0.300	0.300	08/19/2023	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	
Chloride	<16.0	16.0	08/18/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	185	92.7	200	8.99		
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	191	95.5	200	12.4		
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND						

Surrogate: 1-Chlorooctane 91.3 % 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:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 436 (2.0') (H234486-47)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2023	ND	1.94	96.8	2.00	3.29	
Toluene*	<0.050	0.050	08/19/2023	ND	1.87	93.5	2.00	8.41	
Ethylbenzene*	<0.050	0.050	08/19/2023	ND	1.92	96.0	2.00	2.62	
Total Xylenes*	<0.150	0.150	08/19/2023	ND	5.66	94.4	6.00	3.61	
Total BTEX	<0.300	0.300	08/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/18/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	185	92.7	200	8.99	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	191	95.5	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 89.2 % 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:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 437 (2.0') (H234486-48)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2023	ND	1.94	96.8	2.00	3.29		
Toluene*	<0.050	0.050	08/19/2023	ND	1.87	93.5	2.00	8.41		
Ethylbenzene*	<0.050	0.050	08/19/2023	ND	1.92	96.0	2.00	2.62		
Total Xylenes*	<0.150	0.150	08/19/2023	ND	5.66	94.4	6.00	3.61		
Total BTEX	<0.300	0.300	08/19/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/18/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	185	92.7	200	8.99		
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	191	95.5	200	12.4		
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND						

Surrogate: 1-Chlorooctane 79.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.2 % 49.1-148

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**Analytical Results For:**

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

Received:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 438 (2.0') (H234486-49)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2023	ND	1.94	96.8	2.00	3.29	
Toluene*	<0.050	0.050	08/19/2023	ND	1.87	93.5	2.00	8.41	
Ethylbenzene*	<0.050	0.050	08/19/2023	ND	1.92	96.0	2.00	2.62	
Total Xylenes*	<0.150	0.150	08/19/2023	ND	5.66	94.4	6.00	3.61	
Total BTEX	<0.300	0.300	08/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/18/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	185	92.7	200	8.99	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	191	95.5	200	12.4	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane 84.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.0 % 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: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 439 (2.0') (H234486-50)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2023	ND	1.94	96.8	2.00	3.29		
Toluene*	<0.050	0.050	08/19/2023	ND	1.87	93.5	2.00	8.41		
Ethylbenzene*	<0.050	0.050	08/19/2023	ND	1.92	96.0	2.00	2.62		
Total Xylenes*	<0.150	0.150	08/19/2023	ND	5.66	94.4	6.00	3.61		
Total BTEX	<0.300	0.300	08/19/2023	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	08/18/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	185	92.7	200	8.99		
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	191	95.5	200	12.4		
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND						

Surrogate: 1-Chlorooctane 97.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 440 (2.0') (H234486-51)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2023	ND	2.14	107	2.00	1.31	
Toluene*	<0.050	0.050	08/19/2023	ND	2.08	104	2.00	1.29	
Ethylbenzene*	<0.050	0.050	08/19/2023	ND	2.00	100	2.00	0.402	
Total Xylenes*	<0.150	0.150	08/19/2023	ND	6.03	100	6.00	0.171	
Total BTEX	<0.300	0.300	08/19/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/18/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/18/2023	ND	201	101	200	6.20	
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	209	104	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND					

Surrogate: 1-Chlorooctane 79.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.1 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 441 (2.0') (H234486-52)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2023	ND	2.14	107	2.00	1.31	
Toluene*	<0.050	0.050	08/19/2023	ND	2.08	104	2.00	1.29	
Ethylbenzene*	<0.050	0.050	08/19/2023	ND	2.00	100	2.00	0.402	
Total Xylenes*	<0.150	0.150	08/19/2023	ND	6.03	100	6.00	0.171	
Total BTEX	<0.300	0.300	08/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/18/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/18/2023	ND	201	101	200	6.20	
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	209	104	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND					

Surrogate: 1-Chlorooctane 74.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.5 % 49.1-148

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**Analytical Results For:**

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

Received:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 442 (2.0') (H234486-53)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2023	ND	2.14	107	2.00	1.31		
Toluene*	<0.050	0.050	08/19/2023	ND	2.08	104	2.00	1.29		
Ethylbenzene*	<0.050	0.050	08/19/2023	ND	2.00	100	2.00	0.402		
Total Xylenes*	<0.150	0.150	08/19/2023	ND	6.03	100	6.00	0.171		
Total BTEX	<0.300	0.300	08/19/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 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	<16.0	16.0	08/18/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2023	ND	201	101	200	6.20		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	209	104	200	5.38		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 76.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.9 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 443 (2.0') (H234486-54)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2023	ND	2.14	107	2.00	1.31		
Toluene*	<0.050	0.050	08/19/2023	ND	2.08	104	2.00	1.29		
Ethylbenzene*	<0.050	0.050	08/19/2023	ND	2.00	100	2.00	0.402		
Total Xylenes*	<0.150	0.150	08/19/2023	ND	6.03	100	6.00	0.171		
Total BTEX	<0.300	0.300	08/19/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/18/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2023	ND	201	101	200	6.20		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	209	104	200	5.38		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 80.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.0 % 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:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 444 (2.0') (H234486-55)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2023	ND	2.14	107	2.00	1.31		
Toluene*	<0.050	0.050	08/19/2023	ND	2.08	104	2.00	1.29		
Ethylbenzene*	<0.050	0.050	08/19/2023	ND	2.00	100	2.00	0.402		
Total Xylenes*	<0.150	0.150	08/19/2023	ND	6.03	100	6.00	0.171		
Total BTEX	<0.300	0.300	08/19/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 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	32.0	16.0	08/18/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2023	ND	201	101	200	6.20		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	209	104	200	5.38		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 80.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.1 % 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:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 445 (2.0') (H234486-56)**

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	08/19/2023	ND	2.14	107	2.00	1.31	
Toluene*	<0.050	0.050	08/19/2023	ND	2.08	104	2.00	1.29	
Ethylbenzene*	<0.050	0.050	08/19/2023	ND	2.00	100	2.00	0.402	
Total Xylenes*	<0.150	0.150	08/19/2023	ND	6.03	100	6.00	0.171	
Total BTEX	<0.300	0.300	08/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 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	08/18/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/18/2023	ND	201	101	200	6.20	
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	209	104	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND					

Surrogate: 1-Chlorooctane 77.0 % 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: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 446 (2.0') (H234486-57)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2023	ND	2.14	107	2.00	1.31		
Toluene*	<0.050	0.050	08/19/2023	ND	2.08	104	2.00	1.29		
Ethylbenzene*	<0.050	0.050	08/19/2023	ND	2.00	100	2.00	0.402		
Total Xylenes*	<0.150	0.150	08/19/2023	ND	6.03	100	6.00	0.171		
Total BTEX	<0.300	0.300	08/19/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 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	08/18/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2023	ND	201	101	200	6.20		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	209	104	200	5.38		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 82.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 447 (2.0') (H234486-58)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/19/2023	ND	2.14	107	2.00	1.31	
Toluene*	<0.050	0.050	08/19/2023	ND	2.08	104	2.00	1.29	
Ethylbenzene*	<0.050	0.050	08/19/2023	ND	2.00	100	2.00	0.402	
Total Xylenes*	<0.150	0.150	08/19/2023	ND	6.03	100	6.00	0.171	
Total BTEX	<0.300	0.300	08/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/18/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/18/2023	ND	201	101	200	6.20	
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	209	104	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND					

Surrogate: 1-Chlorooctane 73.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.2 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 448 (2.0') (H234486-59)**

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	08/19/2023	ND	2.14	107	2.00	1.31	
Toluene*	<0.050	0.050	08/19/2023	ND	2.08	104	2.00	1.29	
Ethylbenzene*	<0.050	0.050	08/19/2023	ND	2.00	100	2.00	0.402	
Total Xylenes*	<0.150	0.150	08/19/2023	ND	6.03	100	6.00	0.171	
Total BTEX	<0.300	0.300	08/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 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	48.0	16.0	08/18/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/18/2023	ND	201	101	200	6.20	
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	209	104	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND					

Surrogate: 1-Chlorooctane 76.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.8 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 449 (2.0') (H234486-60)**

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	08/19/2023	ND	2.14	107	2.00	1.31		
Toluene*	<0.050	0.050	08/19/2023	ND	2.08	104	2.00	1.29		
Ethylbenzene*	<0.050	0.050	08/19/2023	ND	2.00	100	2.00	0.402		
Total Xylenes*	<0.150	0.150	08/19/2023	ND	6.03	100	6.00	0.171		
Total BTEX	<0.300	0.300	08/19/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/18/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2023	ND	201	101	200	6.20		
DRO >C10-C28*	<10.0	10.0	08/18/2023	ND	209	104	200	5.38		
EXT DRO >C28-C36	<10.0	10.0	08/18/2023	ND						

Surrogate: 1-Chlorooctane 74.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.9 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 77 (2.0') (H234486-61)**

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	08/19/2023	ND	2.14	107	2.00	1.31		
Toluene*	<0.050	0.050	08/19/2023	ND	2.08	104	2.00	1.29		
Ethylbenzene*	<0.050	0.050	08/19/2023	ND	2.00	100	2.00	0.402		
Total Xylenes*	<0.150	0.150	08/19/2023	ND	6.03	100	6.00	0.171		
Total BTEX	<0.300	0.300	08/19/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/18/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/19/2023	ND	201	101	200	6.20		
DRO >C10-C28*	<10.0	10.0	08/19/2023	ND	209	104	200	5.38		
EXT DRO >C28-C36	<10.0	10.0	08/19/2023	ND						

Surrogate: 1-Chlorooctane 83.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.3 % 49.1-148

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**Analytical Results For:**

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

Received:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: SW - 78 (2.0') (H234486-62)**

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	08/19/2023	ND	2.14	107	2.00	1.31		
Toluene*	<0.050	0.050	08/19/2023	ND	2.08	104	2.00	1.29		
Ethylbenzene*	<0.050	0.050	08/19/2023	ND	2.00	100	2.00	0.402		
Total Xylenes*	<0.150	0.150	08/19/2023	ND	6.03	100	6.00	0.171		
Total BTEX	<0.300	0.300	08/19/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/18/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/19/2023	ND	201	101	200	6.20		
DRO >C10-C28*	<10.0	10.0	08/19/2023	ND	209	104	200	5.38		
EXT DRO >C28-C36	<10.0	10.0	08/19/2023	ND						

Surrogate: 1-Chlorooctane 72.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.6 % 49.1-148

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**Analytical Results For:**

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

Received:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: SW - 79 (2.0') (H234486-63)**

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	08/19/2023	ND	2.14	107	2.00	1.31	
Toluene*	<0.050	0.050	08/19/2023	ND	2.08	104	2.00	1.29	
Ethylbenzene*	<0.050	0.050	08/19/2023	ND	2.00	100	2.00	0.402	
Total Xylenes*	<0.150	0.150	08/19/2023	ND	6.03	100	6.00	0.171	
Total BTEX	<0.300	0.300	08/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 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	32.0	16.0	08/18/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2023	ND	201	101	200	6.20	
DRO >C10-C28*	<10.0	10.0	08/19/2023	ND	209	104	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	08/19/2023	ND					

Surrogate: 1-Chlorooctane 76.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.2 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 80 (2.0') (H234486-64)**

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	08/19/2023	ND	2.14	107	2.00	1.31	
Toluene*	<0.050	0.050	08/19/2023	ND	2.08	104	2.00	1.29	
Ethylbenzene*	<0.050	0.050	08/19/2023	ND	2.00	100	2.00	0.402	
Total Xylenes*	<0.150	0.150	08/19/2023	ND	6.03	100	6.00	0.171	
Total BTEX	<0.300	0.300	08/19/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/18/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2023	ND	201	101	200	6.20	
DRO >C10-C28*	<10.0	10.0	08/19/2023	ND	209	104	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	08/19/2023	ND					

Surrogate: 1-Chlorooctane 78.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.6 % 49.1-148

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**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 81 (2.0') (H234486-65)**

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	08/19/2023	ND	2.14	107	2.00	1.31	
Toluene*	<0.050	0.050	08/19/2023	ND	2.08	104	2.00	1.29	
Ethylbenzene*	<0.050	0.050	08/19/2023	ND	2.00	100	2.00	0.402	
Total Xylenes*	<0.150	0.150	08/19/2023	ND	6.03	100	6.00	0.171	
Total BTEX	<0.300	0.300	08/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/18/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2023	ND	201	101	200	6.20	
DRO >C10-C28*	<10.0	10.0	08/19/2023	ND	209	104	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	08/19/2023	ND					

Surrogate: 1-Chlorooctane 78.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 82 (2.0') (H234486-66)**

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	08/19/2023	ND	2.14	107	2.00	1.31		
Toluene*	<0.050	0.050	08/19/2023	ND	2.08	104	2.00	1.29		
Ethylbenzene*	<0.050	0.050	08/19/2023	ND	2.00	100	2.00	0.402		
Total Xylenes*	<0.150	0.150	08/19/2023	ND	6.03	100	6.00	0.171		
Total BTEX	<0.300	0.300	08/19/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/18/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/19/2023	ND	201	101	200	6.20		
DRO >C10-C28*	<10.0	10.0	08/19/2023	ND	209	104	200	5.38		
EXT DRO >C28-C36	<10.0	10.0	08/19/2023	ND						

Surrogate: 1-Chlorooctane 79.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	08/18/2023	Sampling Date:	08/17/2023
Reported:	08/21/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: SW - 83 (2.0') (H234486-67)**

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	08/19/2023	ND	2.14	107	2.00	1.31		
Toluene*	<0.050	0.050	08/19/2023	ND	2.08	104	2.00	1.29		
Ethylbenzene*	<0.050	0.050	08/19/2023	ND	2.00	100	2.00	0.402		
Total Xylenes*	<0.150	0.150	08/19/2023	ND	6.03	100	6.00	0.171		
Total BTEX	<0.300	0.300	08/19/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/18/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/19/2023	ND	201	101	200	6.20		
DRO >C10-C28*	<10.0	10.0	08/19/2023	ND	209	104	200	5.38		
EXT DRO >C28-C36	<10.0	10.0	08/19/2023	ND						

Surrogate: 1-Chlorooctane 74.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.7 % 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: 08/18/2023  
 Reported: 08/21/2023  
 Project Name: SIDEWINDER RISER RELEASE  
 Project Number: 2049  
 Project Location: EOG - LEA COUNTY, NEW MEXICO

Sampling Date: 08/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 84 (2.0') (H234486-68)**

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	08/19/2023	ND	2.14	107	2.00	1.31	
Toluene*	<0.050	0.050	08/19/2023	ND	2.08	104	2.00	1.29	
Ethylbenzene*	<0.050	0.050	08/19/2023	ND	2.00	100	2.00	0.402	
Total Xylenes*	<0.150	0.150	08/19/2023	ND	6.03	100	6.00	0.171	
Total BTEX	<0.300	0.300	08/19/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/18/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2023	ND	201	101	200	6.20	
DRO >C10-C28*	<10.0	10.0	08/19/2023	ND	209	104	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	08/19/2023	ND					

Surrogate: 1-Chlorooctane 76.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.1 % 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*

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: 4234486

Page 8 of 14

Page 71 of 77

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: <input type="checkbox"/> UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Spill Fund	
State of Project:	
Reporting Level: <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: <input type="checkbox"/> EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Sidewinder Riser Release	Turn Around		Parameters	ANALYSIS REQUEST												Preservative Codes					
		<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush		Due Date:	24 Hours																
Project Number:	2049																None: NO	DI Water: H <sub>2</sub> O				
Project Location:	Lea County, New Mexico																Cool: Cool	MeOH: Me				
Sampler's Name:	GPJ/JR																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"/>	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 In tact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	Correction Factor:															NaHSO <sub>4</sub> : NABIS				
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Temperature Reading:	Corrected Temperature:															Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NASO <sub>5</sub>				
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>													Zn Acetate+NaOH: Zn								
Total Containers:													NaOH+Ascorbic Acid: SAPC									
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments			
CS-390 (2.0')	8/17/2023		X		C	1	X	X	X													
CS-391 (2.0')	8/17/2023		X		C	1	X	X	X													
CS-392 (2.0')	8/17/2023		X		C	1	X	X	X													
CS-393 (2.0')	8/17/2023		X		C	1	X	X	X													
CS-394 (2.0')	8/17/2023		X		C	1	X	X	X													
CS-395 (2.0')	8/17/2023		X		C	1	X	X	X													
CS-396 (2.0')	8/17/2023		X		C	1	X	X	X													
CS-397 (2.0')	8/17/2023		X		C	1	X	X	X													
CS-398 (2.0')	8/17/2023		X		C	1	X	X	X													
CS-399 (2.0')	8/17/2023		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
	8-18-23 0920		

Chain of Custody

Work Order No:

1234486

Page 9 of 14

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

Project Name:	Sidewinder Riser Release	Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes		
		<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush		Due Date:	24 Hours													
Project Number:	2049																None: NO	DI Water: H <sub>2</sub> O	
Project Location:	Lea County, New Mexico																Cool: Cool	MeOH: Me	
Sampler's Name:	GP/JJR																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"/>													H <sub>3</sub> PO <sub>4</sub> : HP		
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	140	Correction Factor:													NaHSO <sub>4</sub> : NABIS		
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	21.2	Corrected Temperature:													Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub>		
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>														Zn Acetate+NaOH: Zn				
Total Containers:														NaOH+Ascorbic Acid: SAPC					
Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Parameters												Sample Comments
CS-400 (2.0')	8/17/2023		X		C	1	X	X	X	X	X	X	X	X	X	X	X		
CS-401 (2.0')	8/17/2023		X		C	1	X	X	X	X	X	X	X	X	X	X	X		
CS-402 (2.0')	8/17/2023		X		C	1	X	X	X	X	X	X	X	X	X	X	X		
CS-403 (2.0')	8/17/2023		X		C	1	X	X	X	X	X	X	X	X	X	X	X		
CS-404 (2.0')	8/17/2023		X		C	1	X	X	X	X	X	X	X	X	X	X	X		
CS-405 (2.0')	8/17/2023		X		C	1	X	X	X	X	X	X	X	X	X	X	X		
CS-406 (2.0')	8/17/2023		X		C	1	X	X	X	X	X	X	X	X	X	X	X		
CS-407 (2.0')	8/17/2023		X		C	1	X	X	X	X	X	X	X	X	X	X	X		
CS-408 (2.0')	8/17/2023		X		C	1	X	X	X	X	X	X	X	X	X	X	X		
CS-409 (2.0')	8/17/2023		X		C	1	X	X	X	X	X	X	X	X	X	X	X		

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	8-18-23 0920		







Chain of Custody

Work Order No:

*H234486*

Page 13 of 14

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"/> Spillfund
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
Deliverables: EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	Project Number:	Project Location	Sampler's Name:	PO #:	Turn Around		Pres. Code	ANALYSIS REQUEST			Preservative Codes	
					<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush		Due Date:	24 Hours	BTEX 8021B		TPH 8015M ( GRO + DRO + MRO)
Sidewinder Riser Release	2049	Lea County, New Mexico	GP/JJR									
<b>SAMPLE RECEIPT</b>					Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	N/A									
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	N/A									
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Corrected Temperature:	81.2									
Total Containers:												
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont				Sample Comments		
CS-440 (2.0')	8/17/2023		X		C	1	X	X	X			
CS-441 (2.0')	8/17/2023		X		C	1	X	X	X			
CS-442 (2.0')	8/17/2023		X		C	1	X	X	X			
CS-443 (2.0')	8/17/2023		X		C	1	X	X	X			
CS-444 (2.0')	8/17/2023		X		C	1	X	X	X			
CS-445 (2.0')	8/17/2023		X		C	1	X	X	X			
CS-446 (2.0')	8/17/2023		X		C	1	X	X	X			
CS-447 (2.0')	8/17/2023		X		C	1	X	X	X			
CS-448 (2.0')	8/17/2023		X		C	1	X	X	X			
CS-449 (2.0')	8/17/2023		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>[Signature]</i>	8-18-23 0920	<i>[Signature]</i>	





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

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September 05, 2023

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

RE: SIDEWINDER RISER RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 09/01/23 11:50.

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:	09/01/2023	Sampling Date:	09/01/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 450 ( 2.0' ) (H234771-01)**

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	09/01/2023	ND	2.04	102	2.00	1.42	
Toluene*	<0.050	0.050	09/01/2023	ND	1.95	97.4	2.00	1.24	
Ethylbenzene*	<0.050	0.050	09/01/2023	ND	1.99	99.7	2.00	2.58	
Total Xylenes*	<0.150	0.150	09/01/2023	ND	5.94	99.0	6.00	3.37	
Total BTEX	<0.300	0.300	09/01/2023	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	112	16.0	09/01/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2023	ND	196	97.8	200	1.49	
DRO >C10-C28*	<10.0	10.0	09/02/2023	ND	203	102	200	2.25	
EXT DRO >C28-C36	<10.0	10.0	09/02/2023	ND					

Surrogate: 1-Chlorooctane 76.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	09/01/2023	Sampling Date:	09/01/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 451 ( 2.0' ) (H234771-02)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/01/2023	ND	2.04	102	2.00	1.42	
Toluene*	<0.050	0.050	09/01/2023	ND	1.95	97.4	2.00	1.24	
Ethylbenzene*	<0.050	0.050	09/01/2023	ND	1.99	99.7	2.00	2.58	
Total Xylenes*	<0.150	0.150	09/01/2023	ND	5.94	99.0	6.00	3.37	
Total BTEX	<0.300	0.300	09/01/2023	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	09/01/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2023	ND	196	97.8	200	1.49	
DRO >C10-C28*	<10.0	10.0	09/02/2023	ND	203	102	200	2.25	
EXT DRO >C28-C36	<10.0	10.0	09/02/2023	ND					

Surrogate: 1-Chlorooctane 81.0 % 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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**Analytical Results For:**

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

Received:	09/01/2023	Sampling Date:	09/01/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 452 ( 2.0' ) (H234771-03)**

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	09/01/2023	ND	2.04	102	2.00	1.42	
Toluene*	<0.050	0.050	09/01/2023	ND	1.95	97.4	2.00	1.24	
Ethylbenzene*	<0.050	0.050	09/01/2023	ND	1.99	99.7	2.00	2.58	
Total Xylenes*	<0.150	0.150	09/01/2023	ND	5.94	99.0	6.00	3.37	
Total BTEX	<0.300	0.300	09/01/2023	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	09/01/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2023	ND	196	97.8	200	1.49	
DRO >C10-C28*	<10.0	10.0	09/02/2023	ND	203	102	200	2.25	
EXT DRO >C28-C36	<10.0	10.0	09/02/2023	ND					

Surrogate: 1-Chlorooctane 84.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.7 % 49.1-148

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**Analytical Results For:**

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

Received:	09/01/2023	Sampling Date:	09/01/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 453 ( 2.0' ) (H234771-04)**

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	09/01/2023	ND	2.04	102	2.00	1.42	
Toluene*	<0.050	0.050	09/01/2023	ND	1.95	97.4	2.00	1.24	
Ethylbenzene*	<0.050	0.050	09/01/2023	ND	1.99	99.7	2.00	2.58	
Total Xylenes*	<0.150	0.150	09/01/2023	ND	5.94	99.0	6.00	3.37	
Total BTEX	<0.300	0.300	09/01/2023	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	09/01/2023	ND	448	112	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2023	ND	196	97.8	200	1.49	
DRO >C10-C28*	<10.0	10.0	09/02/2023	ND	203	102	200	2.25	
EXT DRO >C28-C36	<10.0	10.0	09/02/2023	ND					

Surrogate: 1-Chlorooctane 76.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/01/2023	Sampling Date:	09/01/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 454 ( 2.0' ) (H234771-05)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/01/2023	ND	2.04	102	2.00	1.42	
Toluene*	<0.050	0.050	09/01/2023	ND	1.95	97.4	2.00	1.24	
Ethylbenzene*	<0.050	0.050	09/01/2023	ND	1.99	99.7	2.00	2.58	
Total Xylenes*	<0.150	0.150	09/01/2023	ND	5.94	99.0	6.00	3.37	
Total BTEX	<0.300	0.300	09/01/2023	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	160	16.0	09/01/2023	ND	448	112	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2023	ND	196	97.8	200	1.49	
DRO >C10-C28*	<10.0	10.0	09/02/2023	ND	203	102	200	2.25	
EXT DRO >C28-C36	<10.0	10.0	09/02/2023	ND					

Surrogate: 1-Chlorooctane 77.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.3 % 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:	09/01/2023	Sampling Date:	09/01/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 455 ( 2.0' ) (H234771-06)**

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	09/01/2023	ND	2.04	102	2.00	1.42	
Toluene*	<0.050	0.050	09/01/2023	ND	1.95	97.4	2.00	1.24	
Ethylbenzene*	<0.050	0.050	09/01/2023	ND	1.99	99.7	2.00	2.58	
Total Xylenes*	<0.150	0.150	09/01/2023	ND	5.94	99.0	6.00	3.37	
Total BTEX	<0.300	0.300	09/01/2023	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	09/01/2023	ND	448	112	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	215	107	200	0.192	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	210	105	200	0.636	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane 83.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.8 % 49.1-148

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**Analytical Results For:**

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

Received:	09/01/2023	Sampling Date:	09/01/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 456 ( 2.0' ) (H234771-07)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/01/2023	ND	2.04	102	2.00	1.42	
Toluene*	<0.050	0.050	09/01/2023	ND	1.95	97.4	2.00	1.24	
Ethylbenzene*	<0.050	0.050	09/01/2023	ND	1.99	99.7	2.00	2.58	
Total Xylenes*	<0.150	0.150	09/01/2023	ND	5.94	99.0	6.00	3.37	
Total BTEX	<0.300	0.300	09/01/2023	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	09/01/2023	ND	448	112	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	215	107	200	0.192	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	210	105	200	0.636	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane 86.4 % 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:	09/01/2023	Sampling Date:	09/01/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 457 ( 2.0' ) (H234771-08)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/01/2023	ND	2.04	102	2.00	1.42	
Toluene*	<0.050	0.050	09/01/2023	ND	1.95	97.4	2.00	1.24	
Ethylbenzene*	<0.050	0.050	09/01/2023	ND	1.99	99.7	2.00	2.58	
Total Xylenes*	<0.150	0.150	09/01/2023	ND	5.94	99.0	6.00	3.37	
Total BTEX	<0.300	0.300	09/01/2023	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	09/01/2023	ND	448	112	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	215	107	200	0.192	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	210	105	200	0.636	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane 86.4 % 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:	09/01/2023	Sampling Date:	09/01/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 458 ( 2.0' ) (H234771-09)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/01/2023	ND	2.04	102	2.00	1.42	
Toluene*	<0.050	0.050	09/01/2023	ND	1.95	97.4	2.00	1.24	
Ethylbenzene*	<0.050	0.050	09/01/2023	ND	1.99	99.7	2.00	2.58	
Total Xylenes*	<0.150	0.150	09/01/2023	ND	5.94	99.0	6.00	3.37	
Total BTEX	<0.300	0.300	09/01/2023	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	09/01/2023	ND	448	112	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	215	107	200	0.192	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	210	105	200	0.636	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane 113 % 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:	09/01/2023	Sampling Date:	09/01/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 459 ( 2.0' ) (H234771-10)**

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	09/01/2023	ND	2.04	102	2.00	1.42	
Toluene*	<0.050	0.050	09/01/2023	ND	1.95	97.4	2.00	1.24	
Ethylbenzene*	<0.050	0.050	09/01/2023	ND	1.99	99.7	2.00	2.58	
Total Xylenes*	<0.150	0.150	09/01/2023	ND	5.94	99.0	6.00	3.37	
Total BTEX	<0.300	0.300	09/01/2023	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	09/01/2023	ND	448	112	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	215	107	200	0.192	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	210	105	200	0.636	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane 78.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	09/01/2023	Sampling Date:	09/01/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 460 ( 2.0' ) (H234771-11)**

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	09/01/2023	ND	2.04	102	2.00	1.42	
Toluene*	<0.050	0.050	09/01/2023	ND	1.95	97.4	2.00	1.24	
Ethylbenzene*	<0.050	0.050	09/01/2023	ND	1.99	99.7	2.00	2.58	
Total Xylenes*	<0.150	0.150	09/01/2023	ND	5.94	99.0	6.00	3.37	
Total BTEX	<0.300	0.300	09/01/2023	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
Chloride	32.0	16.0	09/01/2023	ND	448	112	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	215	107	200	0.192	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	210	105	200	0.636	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane 87.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/01/2023	Sampling Date:	09/01/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 461 ( 2.0' ) (H234771-12)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/01/2023	ND	2.04	102	2.00	1.42	
Toluene*	<0.050	0.050	09/01/2023	ND	1.95	97.4	2.00	1.24	
Ethylbenzene*	<0.050	0.050	09/01/2023	ND	1.99	99.7	2.00	2.58	
Total Xylenes*	<0.150	0.150	09/01/2023	ND	5.94	99.0	6.00	3.37	
Total BTEX	<0.300	0.300	09/01/2023	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	32.0	16.0	09/01/2023	ND	448	112	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2023	ND	215	107	200	0.192	
DRO >C10-C28*	<10.0	10.0	09/02/2023	ND	210	105	200	0.636	
EXT DRO >C28-C36	<10.0	10.0	09/02/2023	ND					

Surrogate: 1-Chlorooctane 98.6 % 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:	09/01/2023	Sampling Date:	09/01/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 462 ( 2.0' ) (H234771-13)**

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	09/01/2023	ND	2.04	102	2.00	1.42	
Toluene*	<0.050	0.050	09/01/2023	ND	1.95	97.4	2.00	1.24	
Ethylbenzene*	<0.050	0.050	09/01/2023	ND	1.99	99.7	2.00	2.58	
Total Xylenes*	<0.150	0.150	09/01/2023	ND	5.94	99.0	6.00	3.37	
Total BTEX	<0.300	0.300	09/01/2023	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	<16.0	16.0	09/01/2023	ND	448	112	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2023	ND	215	107	200	0.192	
DRO >C10-C28*	<10.0	10.0	09/02/2023	ND	210	105	200	0.636	
EXT DRO >C28-C36	<10.0	10.0	09/02/2023	ND					

Surrogate: 1-Chlorooctane 100 % 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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**Analytical Results For:**

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

Received:	09/01/2023	Sampling Date:	09/01/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 463 ( 2.0' ) (H234771-14)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/01/2023	ND	2.04	102	2.00	1.42	
Toluene*	<0.050	0.050	09/01/2023	ND	1.95	97.4	2.00	1.24	
Ethylbenzene*	<0.050	0.050	09/01/2023	ND	1.99	99.7	2.00	2.58	
Total Xylenes*	<0.150	0.150	09/01/2023	ND	5.94	99.0	6.00	3.37	
Total BTEX	<0.300	0.300	09/01/2023	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	09/01/2023	ND	448	112	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2023	ND	215	107	200	0.192	
DRO >C10-C28*	<10.0	10.0	09/02/2023	ND	210	105	200	0.636	
EXT DRO >C28-C36	<10.0	10.0	09/02/2023	ND					

Surrogate: 1-Chlorooctane 79.6 % 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:	09/01/2023	Sampling Date:	09/01/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: CS - 464 ( 2.0' ) (H234771-15)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/01/2023	ND	2.04	102	2.00	1.42	
Toluene*	<0.050	0.050	09/01/2023	ND	1.95	97.4	2.00	1.24	
Ethylbenzene*	<0.050	0.050	09/01/2023	ND	1.99	99.7	2.00	2.58	
Total Xylenes*	<0.150	0.150	09/01/2023	ND	5.94	99.0	6.00	3.37	
Total BTEX	<0.300	0.300	09/01/2023	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	09/01/2023	ND	448	112	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2023	ND	215	107	200	0.192	
DRO >C10-C28*	<10.0	10.0	09/02/2023	ND	210	105	200	0.636	
EXT DRO >C28-C36	<10.0	10.0	09/02/2023	ND					

Surrogate: 1-Chlorooctane 88.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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**Analytical Results For:**

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

Received:	09/01/2023	Sampling Date:	09/01/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: SW - 85 ( 2.0' ) (H234771-16)**

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	09/01/2023	ND	2.04	102	2.00	1.42		
Toluene*	<0.050	0.050	09/01/2023	ND	1.95	97.4	2.00	1.24		
Ethylbenzene*	<0.050	0.050	09/01/2023	ND	1.99	99.7	2.00	2.58		
Total Xylenes*	<0.150	0.150	09/01/2023	ND	5.94	99.0	6.00	3.37		
Total BTEX	<0.300	0.300	09/01/2023	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	09/01/2023	ND	448	112	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/02/2023	ND	215	107	200	0.192		
DRO >C10-C28*	<10.0	10.0	09/02/2023	ND	210	105	200	0.636		
EXT DRO >C28-C36	<10.0	10.0	09/02/2023	ND						

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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**Analytical Results For:**

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

Received:	09/01/2023	Sampling Date:	09/01/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: SW - 86 ( 2.0' ) (H234771-17)**

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	09/01/2023	ND	2.04	102	2.00	1.42	
Toluene*	<0.050	0.050	09/01/2023	ND	1.95	97.4	2.00	1.24	
Ethylbenzene*	<0.050	0.050	09/01/2023	ND	1.99	99.7	2.00	2.58	
Total Xylenes*	<0.150	0.150	09/01/2023	ND	5.94	99.0	6.00	3.37	
Total BTEX	<0.300	0.300	09/01/2023	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	09/01/2023	ND	448	112	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2023	ND	215	107	200	0.192	
DRO >C10-C28*	<10.0	10.0	09/02/2023	ND	210	105	200	0.636	
EXT DRO >C28-C36	<10.0	10.0	09/02/2023	ND					

Surrogate: 1-Chlorooctane 92.2 % 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:	09/01/2023	Sampling Date:	09/01/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	SIDEWINDER RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	2049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

**Sample ID: SW - 87 ( 2.0' ) (H234771-18)**

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	09/01/2023	ND	2.04	102	2.00	1.42	
Toluene*	<0.050	0.050	09/01/2023	ND	1.95	97.4	2.00	1.24	
Ethylbenzene*	<0.050	0.050	09/01/2023	ND	1.99	99.7	2.00	2.58	
Total Xylenes*	<0.150	0.150	09/01/2023	ND	5.94	99.0	6.00	3.37	
Total BTEX	<0.300	0.300	09/01/2023	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	09/01/2023	ND	448	112	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2023	ND	215	107	200	0.192	
DRO >C10-C28*	<10.0	10.0	09/02/2023	ND	210	105	200	0.636	
EXT DRO >C28-C36	<10.0	10.0	09/02/2023	ND					

Surrogate: 1-Chlorooctane 85.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.6 % 49.1-148

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\*=Accredited Analyte

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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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**Santa Fe, NM 87505**

QUESTIONS

Action 536276

**QUESTIONS**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 536276
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2315947275
Incident Name	NAPP2315947275 SIDEWINDER RISER RELEASE @ O-10-25S-34E
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received

<b>Location of Release Source</b>	
<i>Please answer all the questions in this group.</i>	
Site Name	SIDEWINDER RISER RELEASE
Date Release Discovered	06/05/2023
Surface Owner	State

<b>Incident Details</b>	
<i>Please answer all the questions in this group.</i>	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

<b>Nature and Volume of Release</b>	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Normal Operations   Pipeline (Any)   Produced Water   Released: 1,000 BBL   Recovered: 150 BBL   Lost: 850 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 536276

**QUESTIONS (continued)**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 536276
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	<b>No, according to supplied volumes this does not appear to be a "gas only" report.</b>
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	<b>Yes</b>
Reasons why this would be considered a submission for a notification of a major release	<b>From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.</b>
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

**Initial Response**

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

*Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.*

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

I hereby agree and sign off to the above statement	Name: Todd Wells Title: Safety and Environmental Specialist Email: Todd_Wells@eogresources.com Date: 12/18/2025
--	--

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QUESTIONS, Page 3

Action 536276

**QUESTIONS (continued)**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 536276
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

**Remediation Plan**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

**Soil Contamination Sampling:** (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	5480
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	06/15/2023
On what date will (or did) the final sampling or liner inspection occur	08/17/2023
On what date will (or was) the remediation complete(d)	09/22/2023
What is the estimated surface area (in square feet) that will be reclaimed	48277
What is the estimated volume (in cubic yards) that will be reclaimed	10020
What is the estimated surface area (in square feet) that will be remediated	48277
What is the estimated volume (in cubic yards) that will be remediated	10020

*These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.*

*The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.*

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QUESTIONS, Page 4

Action 536276

**QUESTIONS (continued)**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 536276
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

**Remediation Plan (continued)**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

**This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:**

(Select all answers below that apply.)

(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	fJEG1635837366 OWL LANDFILL JAL
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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

I hereby agree and sign off to the above statement	Name: Todd Wells Title: Safety and Environmental Specialist Email: Todd_Wells@eogresources.com Date: 12/18/2025
--	--

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 536276

**QUESTIONS (continued)**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 536276
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Deferral Requests Only</b>	
<i>Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 536276

**QUESTIONS (continued)**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 536276
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Sampling Event Information</b>	
Last sampling notification (C-141N) recorded	<b>536282</b>
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	<b>08/17/2023</b>
What was the (estimated) number of samples that were to be gathered	<b>154</b>
What was the sampling surface area in square feet	<b>25000</b>

**Remediation Closure Request**

*Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.*

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	48277
What was the total volume (cubic yards) remediated	10020
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	48277
What was the total volume (in cubic yards) reclaimed	10020
Summarize any additional remediation activities not included by answers (above)	na

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

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

I hereby agree and sign off to the above statement	Name: Todd Wells Title: Safety and Environmental Specialist Email: Todd_Wells@eogresources.com Date: 12/18/2025
--	--

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Action 536276

**QUESTIONS (continued)**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 536276
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Reclamation Report</b>	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 536276

**CONDITIONS**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 536276
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**CONDITIONS**

Created By	Condition	Condition Date
nvez	None	2/18/2026