

## SITE INFORMATION

Closure Report Redhills Rattlesnake Pipeline Riser Lea County, New Mexico Unit M Sec 22 T26S R33E Incident #: NAPP2217349908 32.025343°, -103.568519°

Produced Water Release Point of Release: Ruptured gasket between a poly flange and a steel valve Release Date: 06/08/2022 Volume Released: 50 barrels of Produced Water Volume Recovered: 20 barrels of Produced Water



Prepared for: EOG Resources, Inc 5509 Champions Dr. Midland, TX 79706

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

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



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July 19, 2022

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

Re: Closure Report Redhills Rattlesnake Pipeline Riser EOG Resources, Inc Site Location: Unit M, S22, T26S, R33E (Lat 32.025343°, Long -103.568519°) 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 site assessment activities for the Redhills Rattlesnake Pipeline Riser. The site is located at 32.025343, -103.568519 within Unit M, S22, T26S, R33E, and 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 8, 2022, caused by a ruptured gasket between a poly flange and steel valve. It resulted in releasing approximately fifty (50) barrels of produced water. A vacuum truck was dispatched to remove all freestanding fluids, recovering twenty (20) barrels of produced water. The impacted area measured is 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 medium karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, one known monitoring well is within a 0.50-mile radius of the location. The nearest identified well is located approximately 0.47 miles East of the site in S22, T26S, R33E and was drilled in 2012. The well has a reported depth to groundwater of 110' feet below ground surface (ft bgs). A copy of the associated Summary Report is attached in Appendix D.

### 3.0 NMAC Regulatory Criteria

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

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

## **4.0 Site Assessment Activities**

## Initial Assessment

On June 08, 2022, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of nine (9) samples points (S-1 through S-9) and eight



(8) horizontal points (H-1 through H-8) were installed to total depths ranging from surface to 2.0 ft below the surface. Soil samples were collected and submitted to the laboratory 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 sample locations are shown in Figure 3.

Vertical delineation was not achieved due to a dense rock formation, but horizontal delineation was achieved in all samples. Refer to Table 1.

### **5.0 Remediation Activities**

Carmona Resources personnel was onsite on July 11, 2022, to collect confirmation samples. Before collecting composite confirmation samples, the NMOCD division office was notified via email on July 6, 2022, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The areas of S-1 through S-9 were excavated to a depth of 4.0' below the surface. A total of eighty-nine (89) confirmation floor samples were collected (CS-1 through CS-89), and thirty-two (32) sidewall samples (SW-1 through SW-32) were collected every 200 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 4500. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figure 4.

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

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 3,680 cubic yards of material were excavated and transported offsite for proper disposal.

#### **6.0 Conclusions**

Based on the assessment results and the analytical data, no further actions are required at the site. The final C-141 is attached, and EOG formally requests closure of the spill. If you have any questions regarding this report or need additional information, please contact us at 432-813-1992.

Sincerely, Carmona Resources, LLC

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Conner Moehring Environmental Manager

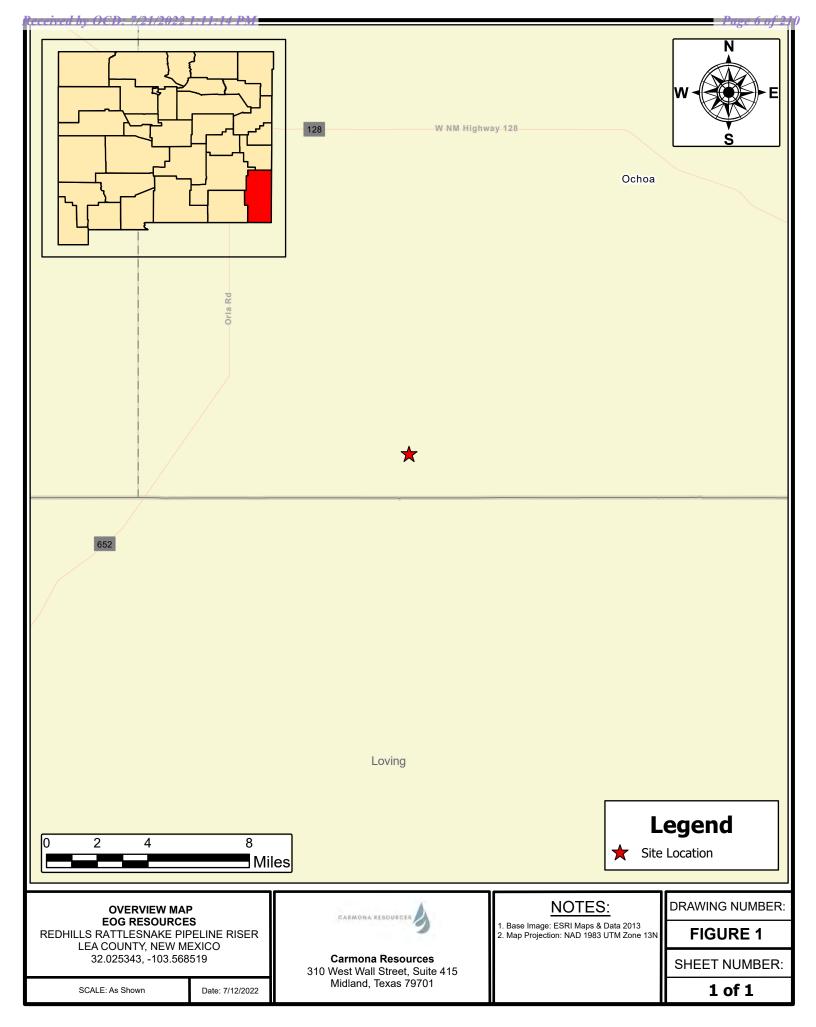
A

Ashton Thielke Sr. Project Manager

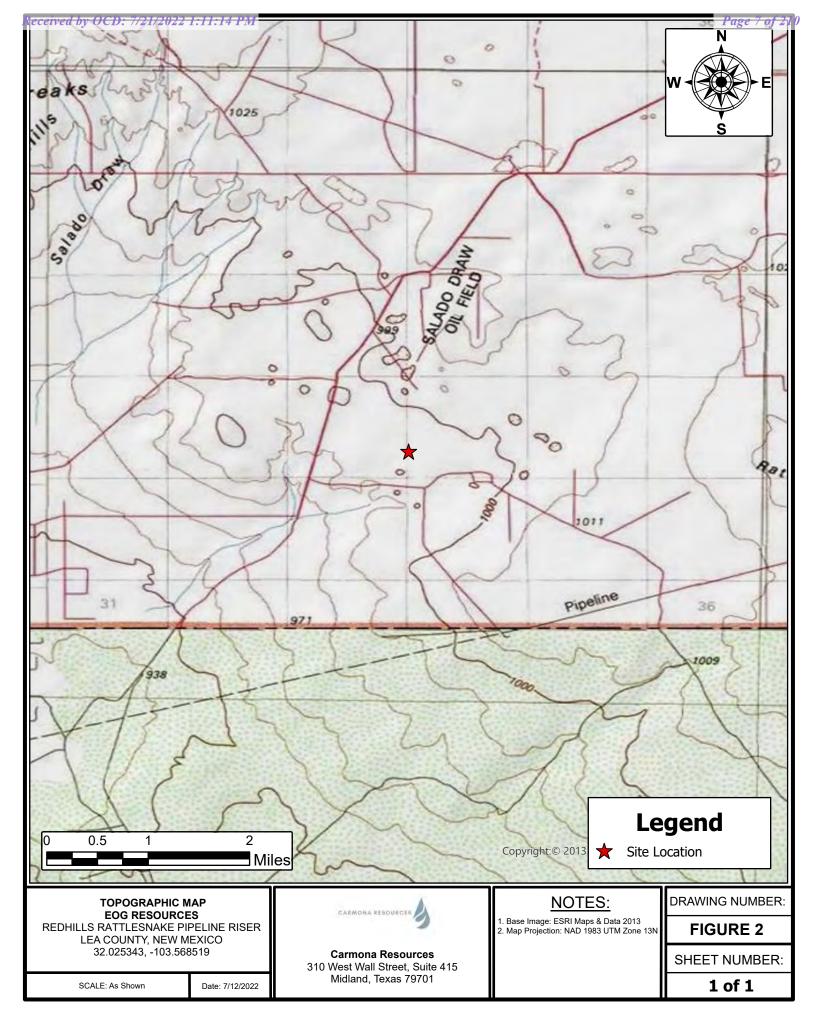
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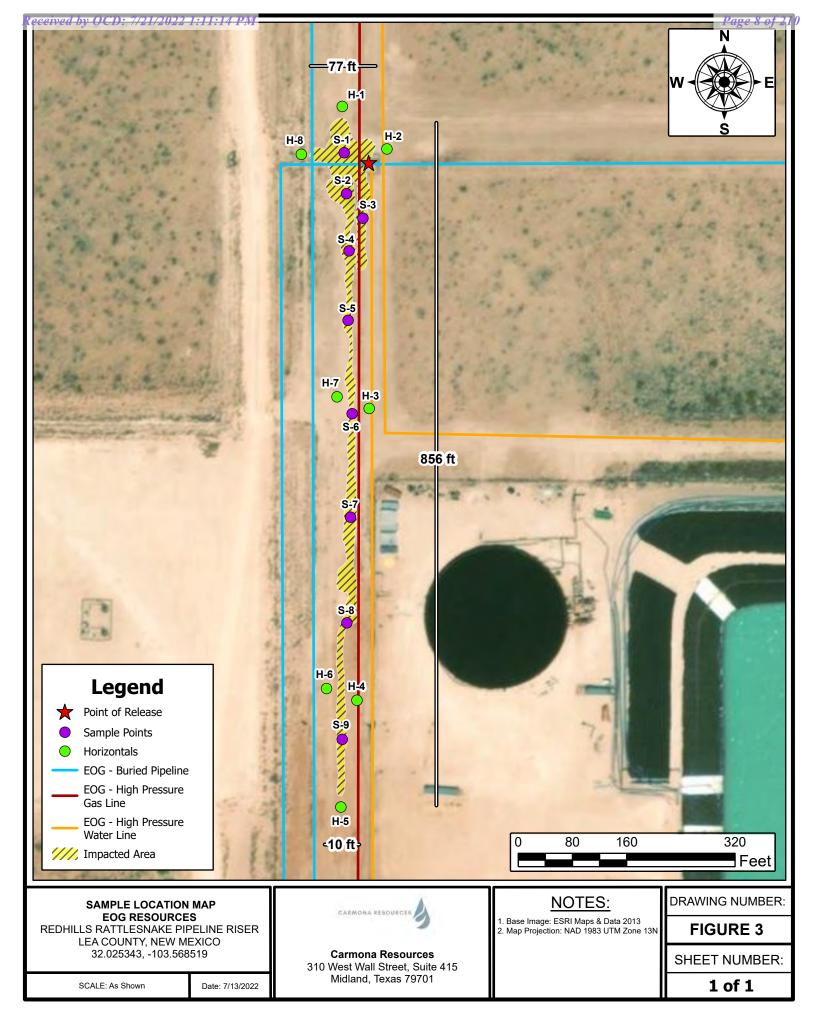




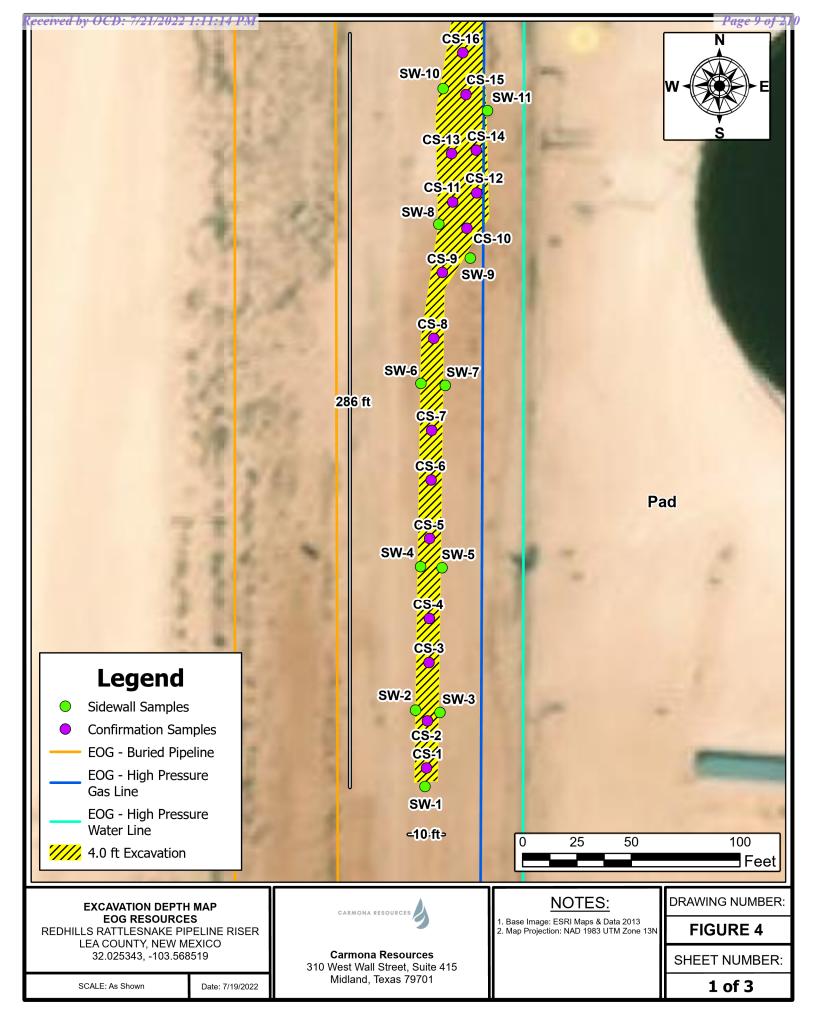
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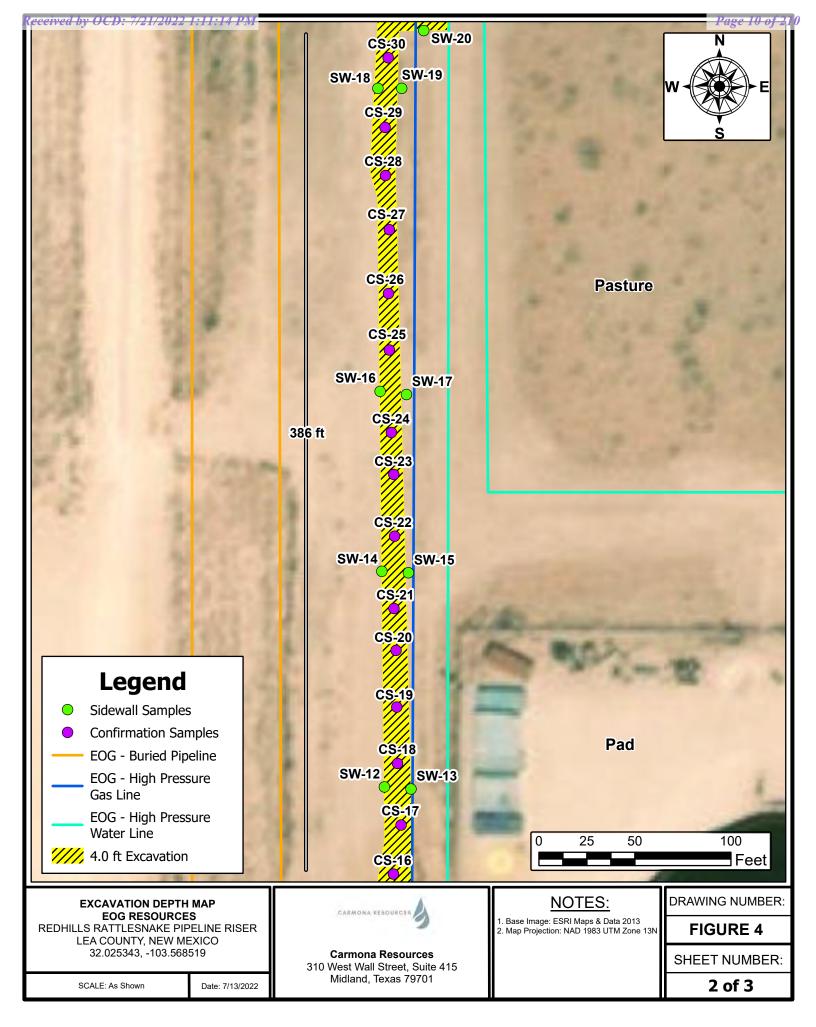
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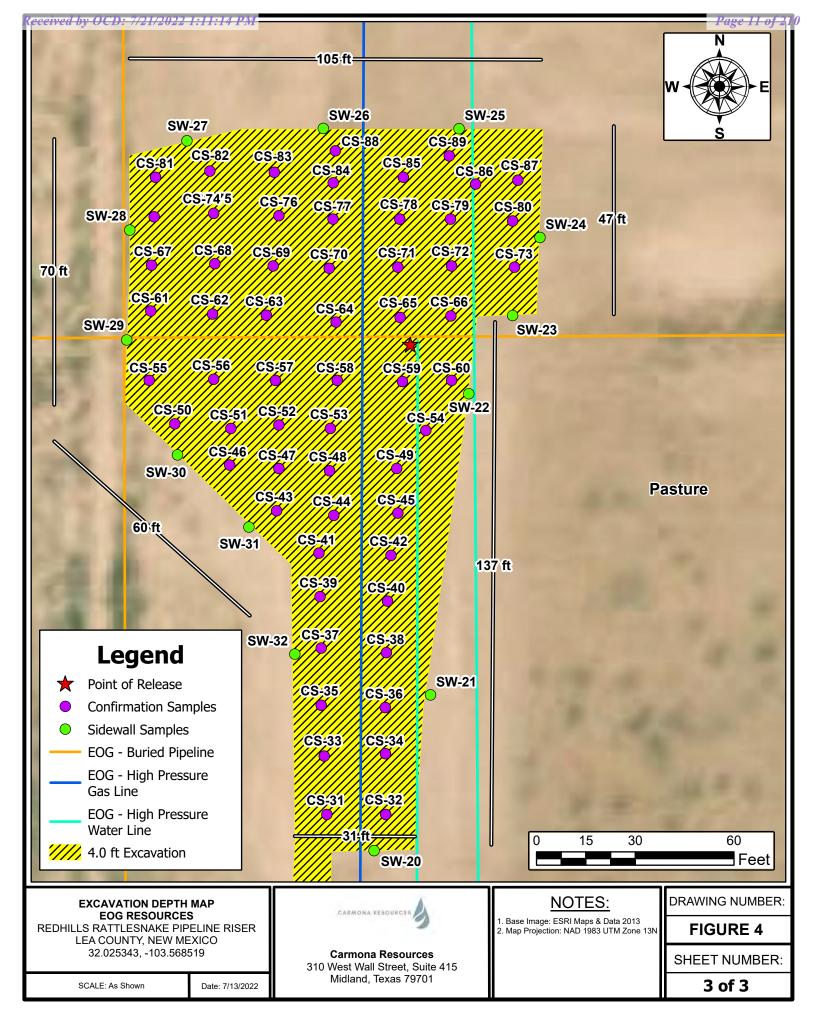
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# **APPENDIX** A



#### Table 1 EOG Redhills Rattlesnake Pipeline Riser Lea County, New Mexico

Sample ID Da 6/9/2 S-1	, ,	GRO <10.0 <10.0	DRO <10.0	MRO	Total	Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride
S-1 "	1.5	<10.0						(		(	(mg/kg)
		<10.0		<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	< 0.300	1,170
	2.0		<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	384
"		<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	688
S-2 6/9/2	022 0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,000
3-2	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,020
S-3 6/9/2	022 0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	10,400
S-4 6/9/2	022 0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,240
5-4 "	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
S-5 6/9/2	022 0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	7,200
3-3	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	928
S-6 6/9/2	022 0-1	<10.0	45.1	<10.0	45.1	<0.050	<0.050	<0.050	<0.150	<0.300	7,330
3-0 "	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	9,460
S-7 6/9/2	022 0-1	<10.0	652	147	799	<0.050	<0.050	<0.050	<0.150	<0.300	2,400
"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
S-8 6/9/2	022 0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	5,040
	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,080
S-9 6/9/2	022 0-1	<10.0	22.3	<10.0	22.3	<0.050	<0.050	<0.050	<0.150	<0.300	3,200
"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
H-1 6/9/2	022 0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-2 6/9/2	022 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 6/9/2	022 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 6/9/2	022 0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-5 6/9/2	022 0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-6 6/9/2	022 0-0.5	<10.0	45.1	25.7	70.8	<0.050	<0.050	<0.050	<0.150	<0.300	224
H-7 6/9/2	022 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 6/9/2	022 0-0.5	<10.0	21.1	<10.0	21.1	<0.050	<0.050	<0.050	<0.150	<0.300	160
Regulatory Crite		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

(S) Soil Sample

Removed

Sample ID	Date	Depth (ft)	GRO	TPI DRO	H (mg/kg) MRO	Total	Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
CS-1	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	944
CS-2	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,120
CS-3	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-4	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-5	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-6	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-7	7/12/2022	4.0	<10.0	11.3	<10.0	11.3	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-8	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-9	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-10	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-11	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-12	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-13	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-14	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	352
CS-15	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-16	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-17	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-18	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,380
CS-19	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
CS-20	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	384
CS-21	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	656
CS-22	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	800
CS-23	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	736
CS-24	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-25	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	384
CS-26	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	480
CS-27	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
CS-28	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-29	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	800
CS-30	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
Regulato	ory 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 *Released to Imaging: 7/26/2022 11:40:54 AM* 

#### Table 2 EOG Redhills Rattlenake Pipeline Riser Lea County, New Mexico

Sample ID	Date	Depth (ft)		TPI	H (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
		(,	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
CS-31	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-32	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-33	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
CS-34	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-35	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
CS-36	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	768
CS-37	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	560
CS-38	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-39	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-40	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-41	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-42	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	592
CS-43	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-44	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	960
CS-45	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,010
CS-46	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	432
CS-47	7/12/2022	4.0	<10.0	377	49.8	427	<0.050	<0.050	<0.050	<0.150	<0.300	1,780
CS-48	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-49	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-50	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	352
CS-51	7/12/2022	4.0	<10.0	64.2	<10.0	64.2	<0.050	<0.050	<0.050	<0.150	<0.300	288
CS-52	7/12/2022	4.0	<10.0	398	54.8	453	<0.050	<0.050	<0.050	<0.150	<0.300	1,700
CS-53	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
CS-54	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	592
CS-55	7/12/2022	4.0	<10.0	15.6	<10.0	15.6	<0.050	<0.050	<0.050	<0.150	<0.300	1,310
CS-56	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-57	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-58	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-59	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-60	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	384
	ory Criteria <sup>A</sup>		1,000	mg/kg	-	2,500 mg/kg	10 mg/kg	-	-	-	50 mg/kg	20,000 mg/kg
	Anglumgal											

(-) 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 *Released to Imaging: 7/26/2022 11:40:54 AM* 

#### Table 2 EOG Redhills Rattlenake Pipeline Riser Lea County, New Mexico

Sample ID	Date	Depth (ft)		TPI	H (mg/kg)		Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride
CS-61	7/12/2022	4.0	GRO <10.0	DRO <10.0	MRO <10.0	Total <10.0	<0.050	<0.050	<0.050	<0.150	<0.300	(mg/kg) 384
CS-62	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	< 0.050	<0.050	<0.050	<0.150	<0.300	128
CS-63	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	< 0.050	< 0.050	<0.050	<0.150	<0.300	128
CS-64	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
CS-65	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-66	7/12/2022	4.0	<10.0	23.1	<10.0	23.1	<0.050	<0.050	<0.050	<0.150	<0.300	1,220
CS-67	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-68	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	480
CS-69	7/12/2022	4.0	12.3	809	208	1,029	<0.050	<0.050	<0.050	<0.150	<0.300	1,330
CS-70	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
CS-71	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	992
CS-72	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	352
CS-73	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	768
CS-74	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	384
CS-75	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	640
CS-76	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	416
CS-77	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
CS-78	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	896
CS-79	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-80	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-81	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-82	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-83	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-84	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-85	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	288
CS-86	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-87	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
CS-88	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
CS-89	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
	ory Criteria		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 Redhills Rattlenake Pipeline Riser Lea County, New Mexico

Sample ID	Date	Depth (ft)	000		H (mg/kg)	<b>T</b> -4-1	Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
SW-1	7/12/2022	4.0	GRO <10.0	DRO <10.0	MRO <10.0	Total <10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-2	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-3	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-4	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-5	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-6	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-7	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-8	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-9	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	352
SW-10	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304
SW-11	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	416
SW-12	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	528
SW-13	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	384
SW-14	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	528
SW-15	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	528
SW-16	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	384
SW-17	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	448
SW-18	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
SW-19	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	480
SW-20	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	496
SW-21	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
SW-22	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	432
SW-23	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
SW-24	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	400
SW-25	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	384
SW-26	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	368
SW-27	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	416
SW-28	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	416
SW-29	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	448
SW-30	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
SW-31	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
SW-32	7/12/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	ry 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

(SW) Sidewall Sample

# **APPENDIX B**



# PHOTOGRAPHIC LOG

### **EOG Resources**

		NW <b>N</b> NE <b>E</b> S
Photograph N	0. 1	NW N I I I I I I I I I I I I I I I I I I
Facility:	Redhills Rattlesnake Pipeline Riser	© 40°NE (T)
County:	Lea County, New Mexico	
<b>Description:</b> View Northeast,	area of Confirmation samples (1-16).	11 Jul 2022. 07.47:01
Photograph N	o. 2	NW NE E
Facility:	Redhills Rattlesnake Pipeline Riser	© 8°N (T) © 32.023704°N, 103.568390°W ±9ft ▲ 3252ft
County:	Lea County, New Mexico	
<b>Description:</b> View North, area	a of Confirmation samples (16-28).	L Jul 2022- 07/48.37
Photograph N	o. 3	W         NW         N         NE           270         300         330         0         30         60           1 <td< th=""></td<>
Facility:	Redhills Rattlesnake Pipeline Riser	© 354°N (T)
County:	Lea County, New Mexico	
<b>Description:</b> View North, area	a of Confirmation samples (16-28)	Li Jul 2022, 07:49:31

# PHOTOGRAPHIC LOG

### **EOG Resources**

Photograph N	0.4	W         NW         N         NE           .1
Facility:	Redhills Rattlesnake Pipeline Riser	© 349°N (T)
County:	Lea County, New Mexico	
<b>Description:</b> View North, area	of Confirmation samples (28-30).	L1 Jul 2022. 07:51:13
Photograph N		NW         N         NE         E           300         330         1 </td
Facility:	Redhills Rattlesnake Pipeline Riser	© 16°N (T)
County:	Lea County, New Mexico	
Description: View North, area	of Confirmation samples (30-60).	
Photograph N	0. 6	NE E SE S
Facility:	Redhills Rattlesnake Pipeline Riser	© 111°E (T)
County:	Lea County, New Mexico	
Description: View North, area	of Confirmation samples (31-89).	Li dui 2022: 09:37:03

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# **APPENDIX C**



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	nAPP2217349908
District RP	
Facility ID	
Application ID	

# **Release Notification**

# **Responsible Party**

Responsible Party EOG Resources	OGRID 7377
Contact Name James Kennedy	Contact Telephone (432) 258-4346
Contact email James_Kennedy@eogresources.com	Incident # (assigned by OCD) nAPP2217349908
Contact mailing address 5509 Champions Drive Midland, TX 79706	

# **Location of Release Source**

Latitude 32.025375°

Longitude <u>-103.568533°</u> (NAD 83 in decimal degrees to 5 decimal places)

Site Name Redhills Rattlesnake Pipeline Riser	Site Type Produced Water Pipeline
Date Release Discovered 6/8/22	API# (if applicable)

Unit Letter	Section	Township	Range	County
М	22	26S	33E	Lea

Surface Owner: State Federal Tribal Private (Name: Oliver Kiehne )

# Nature and Volume of Release

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

Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
Produced Water	Volume Released (bbls) 50	Volume Recovered (bbls) 20
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No
Condensate	Volume Released (bbls)	Volume Recovered (bbls)
Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
Cause of Release: Gasl was recovered.	ket between poly flange and steel valve ruptured. Appr	roximately 50 bbls of produced water released and 20 bbls

## Oil Conservation Division

Incident ID	nAPP2217349908
District RP	
Facility ID	
Application ID	

Was this a major release as defined by	If YES, for what reason(s) does the responsible party consider this a major release? Quantity above 25 bbls
19.15.29.7(A) NMAC?	
Yes 🗌 No	
If YES, was immediate r	notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? yes, James
Kennedy, to ocd.enviro@	<u>state.nm.us</u> , via email.

# **Initial Response**

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

 $\square$  The source of the release has been stopped.

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

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

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

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

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 Kennedy</u>	Title: <u>Environmental Specialist</u>
Signature:	Date: <u>6-22-22</u> Telephone: <u>(432) 258-4346</u>
OCD Only Received by: Jocelyn Harimon	Date:06/22/2022

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Received by OCD: 7/21/2022 1:11:14 PM State of New Mexico

Oil Conservation Division

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Incident ID	
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Facility ID	
Application ID	

# Site Assessment/Characterization

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

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

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

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

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

Laboratory data including chain of custody

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

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Received by OCD: 7/21/	2022 1:11:14 PM State of New Mexico			Page 25 of 210
			Incident ID	
Page 4	Oil Conservation Division		District RP	
			Facility ID	
			Application ID	
regulations all operators a public health or the envir failed to adequately inves addition, OCD acceptanc and/or regulations. Printed Name: Signature: email:	nformation given above is true and complete to the are required to report and/or file certain release no onment. The acceptance of a C-141 report by the stigate and remediate contamination that pose a the e of a C-141 report does not relieve the operator o	tifications and perform c OCD does not relieve th reat to groundwater, surfa f responsibility for comp	orrective actions for rele e operator of liability sh ace water, human health liance with any other fe	eases which may endanger ould their operations have or the environment. In deral, state, or local laws
OCD Only				
Received by:		Date:		

Received by OCD: 7/21/2022 1:11:14 PM Form C-141 State of New Mexico

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Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

# Closure

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

<b><u>Closure Report Attachment Checklist</u></b> : Each of the following it	tems must be included in the closure report.		
A scaled site and sampling diagram as described in 19.15.29.1	1 NMAC		
Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)			
Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)			
Description of remediation activities			
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and rer human health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regula restore, reclaim, and re-vegetate the impacted surface area to the co- accordance with 19.15.29.13 NMAC including notification to the O	ations. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in CD when reclamation and re-vegetation are complete.		
Printed Name:			
Signature: <u>James Kennedy</u> email:	Date: <u>7/19/22</u>		
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: <u>Jennifer Nobui</u>	Date:07/26/2022		
Printed Name: Jennifer Nobui	Title: Environmental Specialist A		

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

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

District III

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

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

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

CONDITIONS

Operator:	OGRID:
EOG RESOURCES INC	7377
P.O. Box 2267	Action Number:
Midland, TX 79702	119635
	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	6/22/2022

Action 119635

## **Ashton Thielke**

From:	Mike Carmona
Sent:	Wednesday, July 6, 2022 8:56 AM
То:	OCD.Enviro@state.nm.us
Cc:	James Kennedy; Conner Moehring
Subject:	EOG Rattlesnake Riser Spill Sampling Notification

Good Morning,

On behalf of EOG, Carmona Resources will be collecting confirmation samples at the below-referenced site for the atrisk remediation <u>on 07/11/22 around 8:00 a.m. Mountain Time</u>. Please let me know if you have any questions.

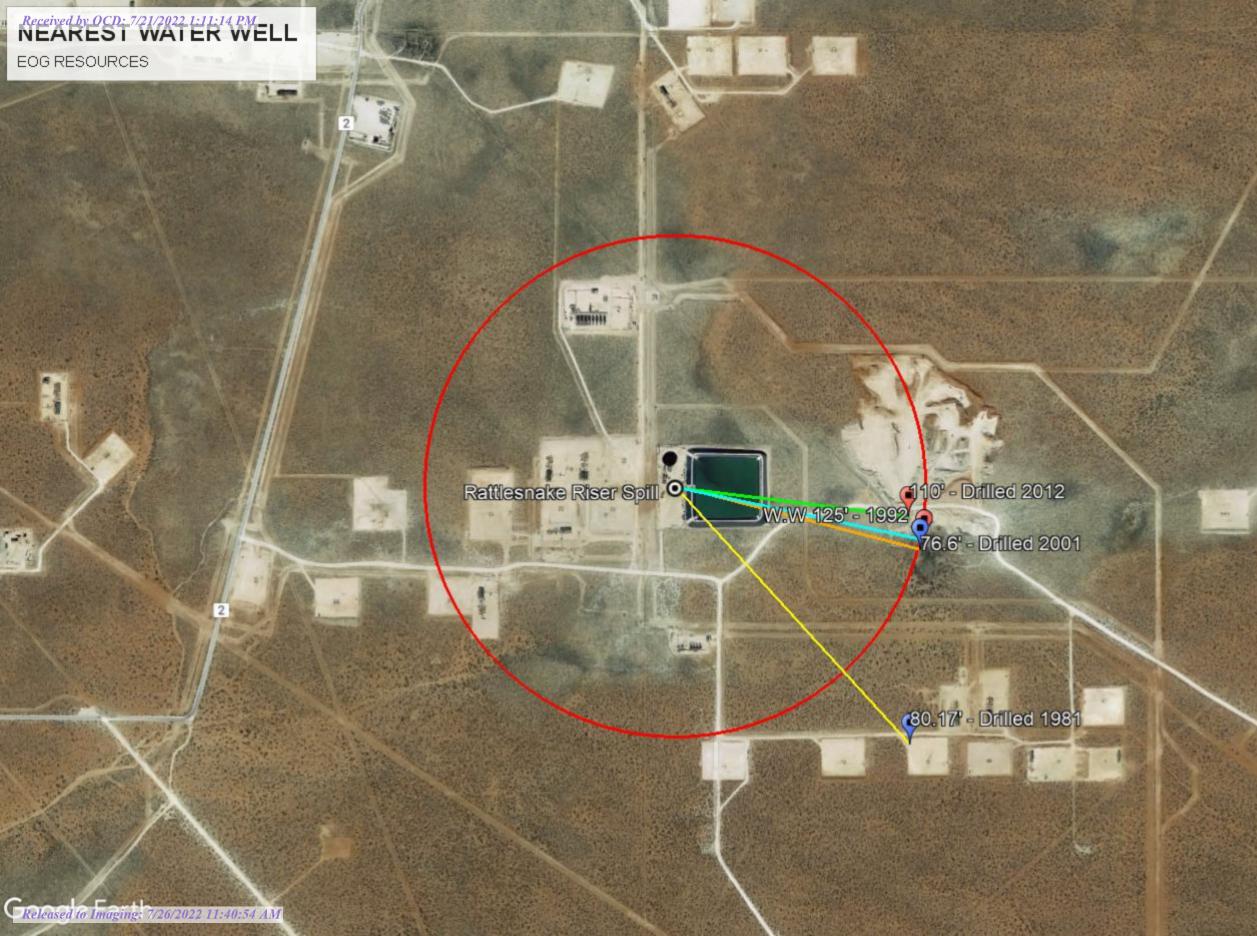
EOG Rattlesnake Riser Spill Sec 22 T26S R33E Unit M 32.025343°, -103.568519° Lea County, New Mexico

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



# **APPENDIX D**





# Page 30 of 210

A N

3000 ft

## Legend

- 🍰 0.47 Miles
- 🕹 0.50 Mile Radius
- 🚴 0.51 Miles
- 🍰 0.51 Miles
- 🍰 0.70 Miles
- NMSEO Water Well
- Rattlesnake Riser Spill
- USGS Water Well

Received by OCD: 7/21/2022 1:11:14 PM MEDIUM KARSI

2

EOG RESOURCES

Rattlesnake Riser Spill O

GReleased to Imaging: 7/26/2022 11:40:54 AM

2

# Page 31 of 210

# Legend

🥒 Low

🯉 Medium

Rattlesnake Riser Spill



----

# 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)	(	••					2=NE 3: st to larg	=SW 4=SE jest) (NA	) AD83 UTM in me	eters)	(	In feet)	
POD Number	POD Sub- Code basin C	County		Q 16	-	Sec	Twe	Rng	Х	Y	Distance	-	Depth Water	Water Column
C 03577 POD1	CUB	LE	3				26S	-	636010	3543771 🌍	759	750	110	640
C 03596 POD1	С	LE	3	3	4	22	26S	33E	636017	3543756 🌍	768	225		
<u>C 02270</u>	CUB	LE	1	1	2	27	26S	33E	636063	3543722 🌍	819	150	125	25
<u>C 02273</u>	CUB	LE		1	2	21	26S	33E	634549	3545134* 🌍	1437	160	120	40
<u>C 02293</u>	CUB	LE	2	2	1	14	26S	33E	637501	3546975 🌍	3818	200	135	65
<u>C 02294</u>	CUB	LE	4	4	3	11	26S	33E	637465	3547003 🌍	3821	200	145	55
										Avera	ge Depth to	Water:	127	feet
											Minimum	Depth:	110	feet
											Maximum	Depth:	145 t	feet
Becard County 6														

#### Record Count: 6

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

Easting (X): 635258.7

Northing (Y): 3543883.4

Radius: 4000

Page 32 of 210

\*UTM location was derived from PLSS - see Help

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



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

			· •		re 1=NW2 are smalles				3 UTM in meters)	
Well Tag	POD	Number		-	6 Q4 Se	-			X Y	
		3577 POI		3 3		2 268	-	63601	.0 3543771 🌍	
x Driller Lic	ense:	1654	Dril	ller Co	ompany:				OR HIRESIRM	AN DRILLING
Driller Na	me:					AN	D CON	ISTRUC		
Drill Start	Date:	11/19/2	012 Dril	ll Fini	sh Date:	11	1/20/20	12	Plug Date:	
Log File D	ate:	12/11/2	012 PCV	W Rev	Date:				Source:	Shallow
Pump Typ	e:		Pipe	e Disc	harge Si	ze:			<b>Estimated Yield:</b>	35 GPM
Casing Siz	e:	6.00	Dep	oth We	ell:	7:	50 feet		Depth Water:	110 feet
x	Wate	r Bearin	g Stratifications	:	Тор	Bottom	Desc	ription		
			5		95			-	wel/Conglomerate	
					200				vel/Conglomerate	
х		Cas	ing Perforation	s:	Тор	Bottom	1			
			8		180	200				
					690	750				
X	Mata		r: 16570			Matan	Malaa		MAGTEDMETE	
		r Numbe				Meter		P	MASTERMETE	ĸ
			Number: 69853	554		Meter	-	ner:	100.0000	
		ber of Di				Meter	• -	<b>D</b>	Diversion	
		of Measu		ns				Percent:		
	Usag	e Multipl				Readin				
Meter	Readin	gs (in Ac								
Read	l Date	Year	Mtr Reading	Flag	g Rdr	Comm	ent		Mtr	Amount Online
04/0	1/2014	2014	123440	А	RPT					0
07/0	1/2014	2014	160772	А	RPT					11.457
10/0	1/2014	2014	193527	А	RPT					10.052
12/3	1/2014	2014	237836	А	RPT					13.598
02/0	1/2015	2015	247102	А	RPT					2.844
03/02	2/2015	2015	260095	А	RPT					3.987
04/0	1/2015	2015	268444	А	RPT					2.562
04/30	0/2015	2015	284991	А	RPT					5.078
05/3	1/2015	2015	296985	А	RPT					3.681
07/0	1/2015	2015	313077	А	RPT					4.938
08/0	1/2015	2015	321571	А	RPT					2.607
08/3	1/2015	2015	333738	А	RPT					3.734
10/0	1/2015	2015	340361	А	RPT					2.033
**Y	ГD Ме	ter Amoı	ints: Year		Amount	- t				
			2014		35.107	7				
			2015		31.464					



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

Well Tag	<b>POD</b> C 02	<b>Number</b> 2270	(q Q	uarters a	re smallest	=NE 3=SW to largest) <b>c Tws l</b> 26S	Rng	(NAD83 <b>X</b> 636063	_	
Driller Lice	ense:	208	Dril	ler Coi	npany:	VAN	I NOY,	W.L.		
Driller Nan	ne:	UNKNO'	WN							
Drill Start	Date:	08/28/19	92 Dril	l Finisł	n Date:	12/	/31/191	10 1	Plug Date:	
Log File Da	ate:	10/28/19	992 PCV	<b>V</b> Rev	Date:			S	Source:	Shallow
Ритр Туре	:		Pipe	Disch	arge Siz	e:		1	Estimated Yield:	15 GPM
Casing Size	e:	8.00	Dep	th Wel	l:	15	0 feet	]	Depth Water:	125 feet
	Wate	r Bearing	Stratifications	:	Top ]	Bottom	Descr	iption		
					225			-	vel/Conglomerate	
		Casi	ing Perforation	5:	Top 1	Bottom				
					205	265				
	Mete	r Numbei	r: 16561			Meter N	lake:		MASTERMETE	R
	Mete	r Serial N	umber: 81125	17		Meter N	Iultipl	ier:	100.0000	
	Num	ber of Dia	ıls: 6			Meter T	уре:		Diversion	
	Unit	of Measu	re: Gallor	ıs		Return	Flow F	Percent:		
	Usag	e Multipli	er:			Reading	-	•		
Meter F	Readin	gs (in Acı	:e-Feet)							
Read	Date	Year	Mtr Reading	Flag	Rdr	Comme	nt		Mtr	Amount Onlin
04/01	/2014	2014	132970	А	RPT					0
07/01	/2014	2014	145195	А	RPT					3.752
10/01	/2014	2014	153126	А	RPT					2.434
12/31	/2014	2014	153126	А	RPT					0
02/01	/2015	2015	153126	А	RPT					0
03/01	/2015	2015	153126	А	RPT					0
04/01	/2015	2015	153126	А	RPT					0
05/01	/2015	2015	153126	А	RPT					0
05/31	/2015	2015	153126	А	RPT					0
07/01	/2015	2015	153126	А	RPT					0
08/01	/2015	2015	153126	А	RPT					0
10/01	/2015	2015	153216	А	RPT					0.028
**YT	D Me	ter Amou	nts: Year	A	mount					
			2014		6.186					
			2015		0.028					

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**National Water Information System: Web Interface** 

**USGS** Water Resources

Data Category:		Geographic Area:		
Groundwater	~	New Mexico	~	GO

Click to hideNews Bulletins

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- Full News 🔊

Groundwater levels for New Mexico

Click to hide state-specific text

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

#### Search Results -- 1 sites found

Agency code = usgs

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

#### USGS 320059103333501 26S.33E.27.21112

Lea County, New Mexico Latitude 32°01'16.0", Longitude 103°33'33.9" NAD83 Land-surface elevation 3,252.00 feet above NGVD29 The depth of the well is 200 feet below land surface. This well is completed in the Other aquifers (N9999OTHER) national aquifer. This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

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

Date	Time	? Water- level date- time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
1954-07-26		D	62610		3172.29	NGVD29	1	Z		
1954-07-26		D	62611		3173.87	NAVD88	1	Z		
1954-07-26		D	72019	79.71			1	Z		
1976-01-08		D	62610		3175.48	NGVD29	1	Z		
1976-01-08		D	62611		3177.06	NAVD88	1	Z		
1976-01-08		D	72019	76.52			1	Z		
1986-03-04		D	62610		3174.86	NGVD29	1	Z		
1986-03-04		D	62611		3176.44	NAVD88	1	Z		
1986-03-04		D	72019	77.14			1	Z		
1990-11-27		D	62610		3175.46	NGVD29	1	Z		
1990-11-27		D	62611		3177.04	NAVD88	1	Z		
1990-11-27		D	72019	76.54			1	Z		
1996-03-05		D	62610		3174.61	NGVD29	1	S		
1996-03-05		D	62611		3176.19	NAVD88	1	S		

### Respired by QGD: 7/21/2022 1:11:14 PM

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

Page 36 of 210

Date T	ſime	? 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 measu
1996-03-05		D	72019	77.39			1	S		
2001-02-27		D	62610		3175.40	NGVD29	1	S		
2001-02-27		D	62611		3176.98	NAVD88	1	S		
2001-02-27		D	72019	76.60			1	S		
2013-01-16 18	8:30 UTC	m	62610			NGVD29	0	S	USGS	
2013-01-16 18	8:30 UTC	m	62611			NAVD88	0	S	USGS	
2013-01-16 18	8:30 UTC	m	72019				0	S	USGS	
2013-02-14 15	5:50 UTC	m	62610			NGVD29	6	S	USGS	
2013-02-14 15	5:50 UTC	m	62611			NAVD88	6	S	USGS	
2013-02-14 15	5:50 UTC	m	72019				6	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	6	Measurement unable to be obtained due to local conditions
Status	0	Obstructed
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	А	Approved for publication Processing and review completed.

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

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

Page Contact Information: <u>New Mexico Water Data Maintainer</u> Page Last Modified: 2022-06-09 17:51:31 EDT 0.28 0.23 nadww02

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**National Water Information System: Web Interface** 

**USGS** Water Resources

Data Category:		Geographic Area:		
Groundwater	~	New Mexico	~	GO

Click to hideNews Bulletins

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

Groundwater levels for New Mexico

Click to hide state-specific text

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

# Search Results -- 1 sites found

Agency code = usgs

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

# USGS 320056103333501 26S.33E.27.21132

Lea County, New Mexico Latitude 32°00'56", Longitude 103°33'35" NAD27 Land-surface elevation 3,273 feet above NAVD88 This well is completed in the Other aquifers (N9999OTHER) national aquifer. This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

Table of data

Tab-separated data

Graph of data

Reselect period

Date	Time	? Water- level date- time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
1970-12-07		D	62610		3195.49	NGVD29	1	Z		
1970-12-07		D	62611		3197.07	NAVD88	1	Z		
1970-12-07		D	72019	75.93			1	Z		
1976-01-08		D	62610		3195.65	NGVD29	1	Z		
1976-01-08		D	62611		3197.23	NAVD88	1	Z		
1976-01-08		D	72019	75.77			1	Z		
1981-03-25		D	62610		3191.25	NGVD29	1	Z		
1981-03-25		D	62611		3192.83	NAVD88	1	Z		
1981-03-25		D	72019	80.17			1	Z		

Explanation							
Section	Code	Description					
Water-level date-time accuracy	D	Date is accurate to the Day					

Rottins University water and a second s

# Resejzed 440 QGD: 7/21/2022 1:11:14 PM

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

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

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

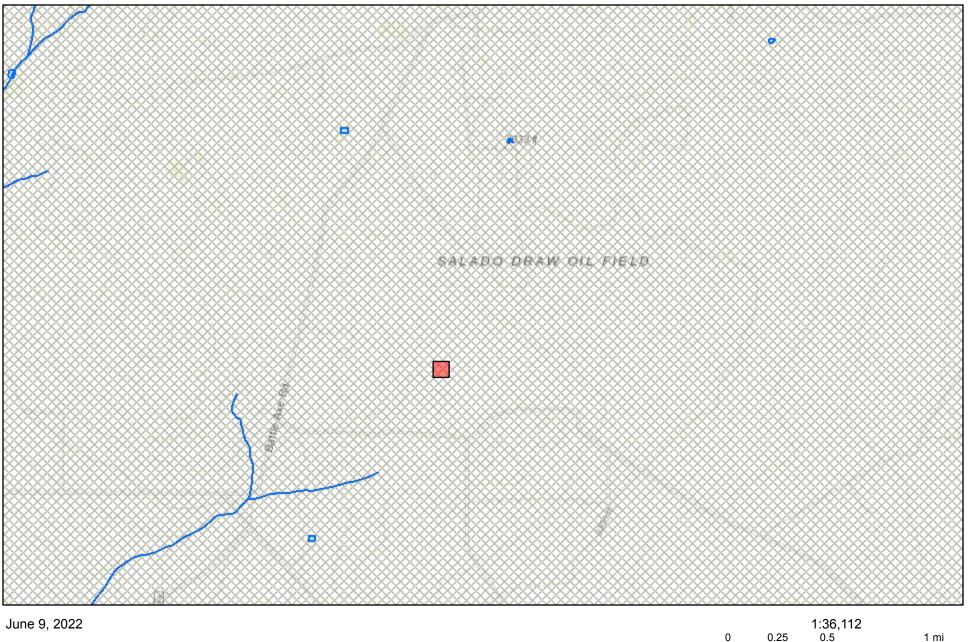
Accessibility FOIA Privacy Policies and Notices

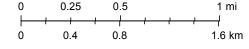
U.S. Department of the Interior | U.S. Geological Survey Title: Groundwater for New Mexico: Water Levels URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?

Page Contact Information: <u>New Mexico Water Data Maintainer</u> Page Last Modified: 2022-06-09 17:50:02 EDT 0.3 0.26 nadww02 USA.gov

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# New Mexico NFHL Data





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

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

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

# **APPENDIX E**





June 10, 2022

ASHTON THIELKE CARMONA RESOURCES 310 W WALL ST SUITE 415 MIDLAND, TX 79701

RE: RATTLESNAKE RISER RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 06/09/22 12:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



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

Received:	06/09/2022	Sampling Date:	06/09/2022
Reported:	06/10/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	** (See Notes)
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: S - 1 ( 0-1' ) (H222466-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	06/09/2022	ND	2.07	104	2.00	3.01	
Toluene*	<0.050	0.050	06/09/2022	ND	2.08	104	2.00	2.85	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.94	97.1	2.00	2.44	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.07	101	6.00	1.99	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1170	16.0	06/10/2022	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	197	98.4	200	4.35	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	208	104	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					
Surrogate: 1-Chlorooctane	69.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	74.7	% 59.5-14	<b>`</b>						

## Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/09/2022	Sampling Date:	06/09/2022
Reported:	06/10/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	** (See Notes)
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: S - 1 ( 1.5' ) (H222466-02)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	ND	2.07	104	2.00	3.01	
Toluene*	<0.050	0.050	06/09/2022	ND	2.08	104	2.00	2.85	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.94	97.1	2.00	2.44	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.07	101	6.00	1.99	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	06/10/2022	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	197	98.4	200	4.35	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	208	104	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					
Surrogate: 1-Chlorooctane	79.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	86.1	% 59.5-14	2						

## Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/09/2022	Sampling Date:	06/09/2022
Reported:	06/10/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	** (See Notes)
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: S - 1 ( 2' ) (H222466-03)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	ND	2.07	104	2.00	3.01	
Toluene*	<0.050	0.050	06/09/2022	ND	2.08	104	2.00	2.85	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.94	97.1	2.00	2.44	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.07	101	6.00	1.99	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	06/10/2022	ND	432	108	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	197	98.4	200	4.35	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	208	104	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					
Surrogate: 1-Chlorooctane	69.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	74.8	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/09/2022	Sampling Date:	06/09/2022
Reported:	06/10/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	** (See Notes)
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: S - 2 ( 0-1' ) (H222466-04)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	ND	2.07	104	2.00	3.01	
Toluene*	<0.050	0.050	06/09/2022	ND	2.08	104	2.00	2.85	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.94	97.1	2.00	2.44	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.07	101	6.00	1.99	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	06/10/2022	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	197	98.4	200	4.35	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	208	104	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					
Surrogate: 1-Chlorooctane	77.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	83.3	% 59.5-14	2						

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

Received:	06/09/2022	Sampling Date:	06/09/2022
Reported:	06/10/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	** (See Notes)
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: S - 2 ( 1.5' ) (H222466-05)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	ND	2.07	104	2.00	3.01	
Toluene*	<0.050	0.050	06/09/2022	ND	2.08	104	2.00	2.85	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.94	97.1	2.00	2.44	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.07	101	6.00	1.99	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2020	16.0	06/10/2022	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	197	98.4	200	4.35	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	208	104	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					
Surrogate: 1-Chlorooctane	73.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	80.3	% 59.5-14	2						

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

Received:	06/09/2022	Sampling Date:	06/09/2022
Reported:	06/10/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	** (See Notes)
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: S - 3 ( 0-1' ) (H222466-06)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	ND	2.07	104	2.00	3.01	
Toluene*	<0.050	0.050	06/09/2022	ND	2.08	104	2.00	2.85	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.94	97.1	2.00	2.44	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.07	101	6.00	1.99	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10400	16.0	06/10/2022	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	197	98.4	200	4.35	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	208	104	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					
Surrogate: 1-Chlorooctane	72.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	76.6	% 59.5-14	2						

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

Received:	06/09/2022	Sampling Date:	06/09/2022
Reported:	06/10/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	** (See Notes)
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: S - 4 ( 0-1' ) (H222466-07)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	ND	2.07	104	2.00	3.01	
Toluene*	<0.050	0.050	06/09/2022	ND	2.08	104	2.00	2.85	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.94	97.1	2.00	2.44	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.07	101	6.00	1.99	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4240	16.0	06/10/2022	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	197	98.4	200	4.35	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	208	104	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					
Surrogate: 1-Chlorooctane	93.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	97.6	% 59.5-14	2						

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

Received:	06/09/2022	Sampling Date:	06/09/2022
Reported:	06/10/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	** (See Notes)
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: S - 4 ( 1.5' ) (H222466-08)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	ND	2.07	104	2.00	3.01	
Toluene*	<0.050	0.050	06/09/2022	ND	2.08	104	2.00	2.85	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.94	97.1	2.00	2.44	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.07	101	6.00	1.99	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	06/10/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	197	98.4	200	4.35	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	208	104	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					
Surrogate: 1-Chlorooctane	75.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	78.2	% 59.5-14	2						

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

Received:	06/09/2022	Sampling Date:	06/09/2022
Reported:	06/10/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	** (See Notes)
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: S - 5 ( 0-1' ) (H222466-09)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	06/09/2022	ND	2.07	104	2.00	3.01	
Toluene*	<0.050	0.050	06/09/2022	ND	2.08	104	2.00	2.85	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.94	97.1	2.00	2.44	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.07	101	6.00	1.99	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7200	16.0	06/10/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	197	98.4	200	4.35	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	208	104	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					
Surrogate: 1-Chlorooctane	75.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	81.4	% 59.5-14	2						

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

Received:	06/09/2022	Sampling Date:	06/09/2022
Reported:	06/10/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	** (See Notes)
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: S - 5 ( 1.5' ) (H222466-10)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	ND	2.07	104	2.00	3.01	
Toluene*	<0.050	0.050	06/09/2022	ND	2.08	104	2.00	2.85	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.94	97.1	2.00	2.44	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.07	101	6.00	1.99	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	928	16.0	06/10/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/10/2022	ND	197	98.4	200	4.35	
DRO >C10-C28*	<10.0	10.0	06/10/2022	ND	208	104	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	06/10/2022	ND					
Surrogate: 1-Chlorooctane	81.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	85.6	% 59.5-14	2						

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

Received:	06/09/2022	Sampling Date:	06/09/2022
Reported:	06/10/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	** (See Notes)
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: S - 6 ( 0-1' ) (H222466-11)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	ND	2.07	104	2.00	3.01	
Toluene*	<0.050	0.050	06/09/2022	ND	2.08	104	2.00	2.85	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.94	97.1	2.00	2.44	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.07	101	6.00	1.99	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7330	16.0	06/10/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	197	98.4	200	4.35	
DRO >C10-C28*	45.1	10.0	06/09/2022	ND	208	104	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					
Surrogate: 1-Chlorooctane	78.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	87.2	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/09/2022	Sampling Date:	06/09/2022
Reported:	06/10/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	** (See Notes)
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: S - 6 ( 1.5' ) (H222466-12)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	ND	2.07	104	2.00	3.01	
Toluene*	<0.050	0.050	06/09/2022	ND	2.08	104	2.00	2.85	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.94	97.1	2.00	2.44	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.07	101	6.00	1.99	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9460	16.0	06/10/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	197	98.4	200	4.35	
DRO >C10-C28*	652	10.0	06/09/2022	ND	208	104	200	2.47	
EXT DRO >C28-C36	147	10.0	06/09/2022	ND					
Surrogate: 1-Chlorooctane	81.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	121	% 59.5-14	2						

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

Received:	06/09/2022	Sampling Date:	06/09/2022
Reported:	06/10/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	** (See Notes)
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: S - 7 ( 0-1' ) (H222466-13)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	ND	2.07	104	2.00	3.01	
Toluene*	<0.050	0.050	06/09/2022	ND	2.08	104	2.00	2.85	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.94	97.1	2.00	2.44	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.07	101	6.00	1.99	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2400	16.0	06/10/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	197	98.4	200	4.35	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	208	104	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					
Surrogate: 1-Chlorooctane	84.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	92.2	% 59.5-14	2						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/09/2022	Sampling Date:	06/09/2022
Reported:	06/10/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	** (See Notes)
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: S - 7 ( 1.5' ) (H222466-14)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	ND	2.07	104	2.00	3.01	
Toluene*	<0.050	0.050	06/09/2022	ND	2.08	104	2.00	2.85	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.94	97.1	2.00	2.44	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.07	101	6.00	1.99	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	06/10/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	197	98.4	200	4.35	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	208	104	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					
Surrogate: 1-Chlorooctane	76.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	82.8	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/09/2022	Sampling Date:	06/09/2022
Reported:	06/10/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	** (See Notes)
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: S - 8 ( 0-1' ) (H222466-15)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	ND	2.07	104	2.00	3.01	
Toluene*	<0.050	0.050	06/09/2022	ND	2.08	104	2.00	2.85	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.94	97.1	2.00	2.44	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.07	101	6.00	1.99	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5040	16.0	06/10/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	197	98.4	200	4.35	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	208	104	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					
Surrogate: 1-Chlorooctane	83.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	90.4	% 59.5-14	2						

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

Received:	06/09/2022	Sampling Date:	06/09/2022
Reported:	06/10/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	** (See Notes)
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: S - 8 ( 1.5' ) (H222466-16)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	ND	2.07	104	2.00	3.01	
Toluene*	<0.050	0.050	06/09/2022	ND	2.08	104	2.00	2.85	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.94	97.1	2.00	2.44	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.07	101	6.00	1.99	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4080	16.0	06/10/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	197	98.4	200	4.35	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	208	104	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					
Surrogate: 1-Chlorooctane	79.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	85.4	% 59.5-14	2						

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

Received:	06/09/2022	Sampling Date:	06/09/2022
Reported:	06/10/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	** (See Notes)
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: S - 9 ( 0-1' ) (H222466-17)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	ND	2.07	104	2.00	3.01	
Toluene*	<0.050	0.050	06/09/2022	ND	2.08	104	2.00	2.85	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.94	97.1	2.00	2.44	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.07	101	6.00	1.99	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3200	16.0	06/10/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	197	98.4	200	4.35	
DRO >C10-C28*	22.3	10.0	06/09/2022	ND	208	104	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					
Surrogate: 1-Chlorooctane	76.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	84.3	% 59.5-14	2						

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

Received:	06/09/2022	Sampling Date:	06/09/2022
Reported:	06/10/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	** (See Notes)
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: S - 9 ( 1.5' ) (H222466-18)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	ND	2.07	104	2.00	3.01	
Toluene*	<0.050	0.050	06/09/2022	ND	2.08	104	2.00	2.85	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.94	97.1	2.00	2.44	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.07	101	6.00	1.99	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	06/10/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	197	98.4	200	4.35	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	208	104	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					
Surrogate: 1-Chlorooctane	82.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	90.6	% 59.5-14	2						

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

Received:	06/09/2022	Sampling Date:	06/09/2022
Reported:	06/10/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	** (See Notes)
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: H - 1 ( 0-0.5' ) (H222466-19)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	ND	2.07	104	2.00	3.01	
Toluene*	<0.050	0.050	06/09/2022	ND	2.08	104	2.00	2.85	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.94	97.1	2.00	2.44	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.07	101	6.00	1.99	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/10/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	197	98.4	200	4.35	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	208	104	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					
Surrogate: 1-Chlorooctane	78.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	84.5	% 59.5-14	2						

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

Received:	06/09/2022	Sampling Date:	06/09/2022
Reported:	06/10/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	** (See Notes)
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: H - 2 ( 0-0.5' ) (H222466-20)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	ND	2.07	104	2.00	3.01	
Toluene*	<0.050	0.050	06/09/2022	ND	2.08	104	2.00	2.85	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	1.94	97.1	2.00	2.44	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.07	101	6.00	1.99	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/10/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	197	98.4	200	4.35	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	208	104	200	2.47	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					
Surrogate: 1-Chlorooctane	73.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	76.8	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/09/2022	Sampling Date:	06/09/2022
Reported:	06/10/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	** (See Notes)
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: H - 3 ( 0-0.5' ) (H222466-21)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	ND	2.16	108	2.00	3.02	
Toluene*	<0.050	0.050	06/09/2022	ND	2.13	107	2.00	3.56	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	2.06	103	2.00	3.30	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.40	107	6.00	3.10	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/10/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	190	94.8	200	4.81	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	194	96.9	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					
Surrogate: 1-Chlorooctane	98.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	100 \$	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/09/2022	Sampling Date:	06/09/2022
Reported:	06/10/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	** (See Notes)
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: H - 4 ( 0-0.5' ) (H222466-22)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	ND	2.16	108	2.00	3.02	
Toluene*	<0.050	0.050	06/09/2022	ND	2.13	107	2.00	3.56	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	2.06	103	2.00	3.30	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.40	107	6.00	3.10	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/10/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	190	94.8	200	4.81	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	194	96.9	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					
Surrogate: 1-Chlorooctane	101 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	102 9	% 59.5-14	2						

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

Received:	06/09/2022	Sampling Date:	06/09/2022
Reported:	06/10/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	** (See Notes)
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: H - 5 ( 0-0.5' ) (H222466-23)

BTEX 8021B	mg	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	ND	2.16	108	2.00	3.02	
Toluene*	<0.050	0.050	06/09/2022	ND	2.13	107	2.00	3.56	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	2.06	103	2.00	3.30	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.40	107	6.00	3.10	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/10/2022	ND	432	108	400	0.00	
TPH 8015M	mg	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	190	94.8	200	4.81	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	194	96.9	200	2.10	
EXT DRO >C28-C36	<10.0 10.0		06/09/2022	ND					
Surrogate: 1-Chlorooctane	96.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	99.4	% 59.5-14	2						

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

Received:	06/09/2022	Sampling Date:	06/09/2022
Reported:	06/10/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	** (See Notes)
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: H - 6 ( 0-0.5' ) (H222466-24)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	ND	2.16	108	2.00	3.02	
Toluene*	<0.050	0.050	06/09/2022	ND	2.13	107	2.00	3.56	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	2.06	103	2.00	3.30	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.40	107	6.00	3.10	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	06/10/2022	ND	ND 432		400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	190	94.8	200	4.81	
DRO >C10-C28*	45.1	10.0	06/09/2022	ND	194	96.9	200	2.10	
EXT DRO >C28-C36	25.7	10.0	06/09/2022	ND					
Surrogate: 1-Chlorooctane	97.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	104 9	% 59.5-14	2						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/09/2022	Sampling Date:	06/09/2022
Reported:	06/10/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	** (See Notes)
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: H - 7 ( 0-0.5' ) (H222466-25)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	ND	2.16	108	2.00	3.02	
Toluene*	<0.050	0.050	06/09/2022	ND	2.13	107	2.00	3.56	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	2.06	103	2.00	3.30	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.40	107	6.00	3.10	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/10/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	190	94.8	200	4.81	
DRO >C10-C28*	<10.0	10.0	06/09/2022	ND	194	96.9	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	06/09/2022	ND					
Surrogate: 1-Chlorooctane	101 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	104 9	% 59.5-14	2						

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#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/09/2022	Sampling Date:	06/09/2022
Reported:	06/10/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	** (See Notes)
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: H - 8 ( 0-0.5' ) (H222466-26)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2022	ND	2.16	108	2.00	3.02	
Toluene*	<0.050	0.050	06/09/2022	ND	2.13	107	2.00	3.56	
Ethylbenzene*	<0.050	0.050	06/09/2022	ND	2.06	103	2.00	3.30	
Total Xylenes*	<0.150	0.150	06/09/2022	ND	6.40	107	6.00	3.10	
Total BTEX	<0.300	0.300	06/09/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	06/10/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/09/2022	ND	190	94.8	200	4.81	
DRO >C10-C28*	21.1	10.0	06/09/2022	ND	194	96.9	200	2.10	
EXT DRO >C28-C36	<10.0 10.0		06/09/2022	ND					
Surrogate: 1-Chlorooctane	90.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	91.9	% 59.5-14	2						

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **Notes and Definitions**

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

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

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	Alur	N -	Comments: Email t	S-5 (1.5')	S-5 (0-1')	S-4 (1.5')	S-4 (0-1')	S-3 (0-1')	S-2 (1.5')	S-2 (0-1')	S-1 (2')	S-1 (1.5')	S-1 (0-1')	Sample Identification	Total Containers:	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO #.	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone: 4	City, State ZIP: N	Address: 3	Company Name: C	Project Manager: A			
	5	Relin	Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring /	)	")	('	.)	")	")	")		")	")	ication		Yes		Yes				Le		Rattlesna	432-813-5347	Midland, TX 79701	310 West Wall St. Suite 415	Carmona Resources	Ashton Thielke			
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		Signature	iona@ca											Time	Corrected	Temperatu	Correction Factor.	Thermometer ID:	Yes No			ł		ase			5	E.				
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			rces.com a	6	0	G	G	G	G	G	G	G	0	Water c	17.4	17.9	-0.50	1/3	Yes N			24HRS	Rush	Turn Around	James Ke	City, State ZIP:	Address:	Company Name	Bill to: (if different)			
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	9.22 1	Date/Time	Cmoehring@carmonaresources.com, Ashton Thielke Athielke@carmonaresources.com											Sample Comments	NaOH+Ascorbic Acid: SAPC	HNAUH: Zh	asu3	ABIS	5	NaOH: Na	HNO3: HN	MeOH: Me	DI Wat	Preservative Codes	Other:	RP LLevel IV		C []perfund		_1 of	Jaheec	
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		re)	Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner	×	×	×	X	Х	×	×	×	×	×	Soil	Corrected Temperature:	Temperature Reading:	in Factor:	neter ID:	Wet Ice:			Due Date:	Routine	Tur	Email:							
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		.com and C				Grab/	Grab/	Grab/	Grab/	Grab/	Grab/	Iter Grab/ Comp	17.4	17.9	0,52	13	Yes No			24HRS	Rush	und	tes Kenned	City, State ZIP:	ress:	Company Name:	Bill to; (if different)	2
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	E	Con										mer	: SI	'n				NaOH: Na	HNO3: HN	MeOH: Me	DI Water: H <sub>2</sub> O	Coc		Level IV		perfund		

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July 13, 2022

ASHTON THIELKE CARMONA RESOURCES 310 W WALL ST SUITE 415 MIDLAND, TX 79701

RE: RATTLESNAKE RISER RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 07/12/22 13:37.

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 <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: CS - 1 (4') (H222988-01)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2022	ND	1.87	93.5	2.00	3.69	
Toluene*	<0.050	0.050	07/12/2022	ND	2.04	102	2.00	3.65	
Ethylbenzene*	<0.050	0.050	07/12/2022	ND	2.15	107	2.00	2.93	
Total Xylenes*	<0.150	0.150	07/12/2022	ND	6.56	109	6.00	2.72	
Total BTEX	<0.300	0.300	07/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	944	16.0	07/13/2022	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	191	95.5	200	0.410	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	194	97.1	200	0.756	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	76.0	% 43-149	)						
Surrogate: 1-Chlorooctadecane	83.5	% 42.5-16	51						

### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: CS - 2 (4') (H222988-02)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2022	ND	1.87	93.5	2.00	3.69	
Toluene*	<0.050	0.050	07/12/2022	ND	2.04	102	2.00	3.65	
Ethylbenzene*	<0.050	0.050	07/12/2022	ND	2.15	107	2.00	2.93	
Total Xylenes*	<0.150	0.150	07/12/2022	ND	6.56	109	6.00	2.72	
Total BTEX	<0.300	0.300	07/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	07/13/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	191	95.5	200	0.410	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	194	97.1	200	0.756	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	75.4	% 43-149	)						
Surrogate: 1-Chlorooctadecane	82.6	% 42.5-16	1						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

### Sample ID: CS - 3 (4') (H222988-03)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2022	ND	1.87	93.5	2.00	3.69	
Toluene*	<0.050	0.050	07/12/2022	ND	2.04	102	2.00	3.65	
Ethylbenzene*	<0.050	0.050	07/12/2022	ND	2.15	107	2.00	2.93	
Total Xylenes*	<0.150	0.150	07/12/2022	ND	6.56	109	6.00	2.72	
Total BTEX	<0.300	0.300	07/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	07/13/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	191	95.5	200	0.410	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	194	97.1	200	0.756	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	76.1	% 43-149	)						
Surrogate: 1-Chlorooctadecane	83.0	% 42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: CS - 4 (4') (H222988-04)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2022	ND	1.87	93.5	2.00	3.69	
Toluene*	<0.050	0.050	07/12/2022	ND	2.04	102	2.00	3.65	
Ethylbenzene*	<0.050	0.050	07/12/2022	ND	2.15	107	2.00	2.93	
Total Xylenes*	<0.150	0.150	07/12/2022	ND	6.56	109	6.00	2.72	
Total BTEX	<0.300	0.300	07/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	07/13/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	191	95.5	200	0.410	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	194	97.1	200	0.756	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	70.8	% 43-149	)						
Surrogate: 1-Chlorooctadecane	76.6	% 42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

### Sample ID: CS - 5 (4') (H222988-05)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2022	ND	1.87	93.5	2.00	3.69	
Toluene*	<0.050	0.050	07/12/2022	ND	2.04	102	2.00	3.65	
Ethylbenzene*	<0.050	0.050	07/12/2022	ND	2.15	107	2.00	2.93	
Total Xylenes*	<0.150	0.150	07/12/2022	ND	6.56	109	6.00	2.72	
Total BTEX	<0.300	0.300	07/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/13/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	191	95.5	200	0.410	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	194	97.1	200	0.756	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	71.5	% 43-149	)						
Surrogate: 1-Chlorooctadecane	76.1	% 42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: CS - 6 (4') (H222988-06)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2022	ND	1.87	93.5	2.00	3.69	
Toluene*	<0.050	0.050	07/12/2022	ND	2.04	102	2.00	3.65	
Ethylbenzene*	<0.050	0.050	07/12/2022	ND	2.15	107	2.00	2.93	
Total Xylenes*	<0.150	0.150	07/12/2022	ND	6.56	109	6.00	2.72	
Total BTEX	<0.300	0.300	07/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	07/13/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	191	95.5	200	0.410	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	194	97.1	200	0.756	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	69.6	% 43-149	)						
Surrogate: 1-Chlorooctadecane	75.0	% 42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

### Sample ID: CS - 7 (4') (H222988-07)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2022	ND	1.87	93.5	2.00	3.69	
Toluene*	<0.050	0.050	07/12/2022	ND	2.04	102	2.00	3.65	
Ethylbenzene*	<0.050	0.050	07/12/2022	ND	2.15	107	2.00	2.93	
Total Xylenes*	<0.150	0.150	07/12/2022	ND	6.56	109	6.00	2.72	
Total BTEX	<0.300	0.300	07/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/13/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	191	95.5	200	0.410	
DRO >C10-C28*	11.3	10.0	07/13/2022	ND	194	97.1	200	0.756	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	73.8	% 43-149	)						
Surrogate: 1-Chlorooctadecane	81.3	% 42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

### Sample ID: CS - 8 (4') (H222988-08)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2022	ND	1.87	93.5	2.00	3.69	
Toluene*	<0.050	0.050	07/12/2022	ND	2.04	102	2.00	3.65	
Ethylbenzene*	<0.050	0.050	07/12/2022	ND	2.15	107	2.00	2.93	
Total Xylenes*	<0.150	0.150	07/12/2022	ND	6.56	109	6.00	2.72	
Total BTEX	<0.300	0.300	07/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	07/13/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	191	95.5	200	0.410	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	194	97.1	200	0.756	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	70.2	% 43-149	)						
Surrogate: 1-Chlorooctadecane	76.4	% 42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

### Sample ID: CS - 9 (4') (H222988-09)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2022	ND	1.87	93.5	2.00	3.69	
Toluene*	<0.050	0.050	07/12/2022	ND	2.04	102	2.00	3.65	
Ethylbenzene*	<0.050	0.050	07/12/2022	ND	2.15	107	2.00	2.93	
Total Xylenes*	<0.150	0.150	07/12/2022	ND	6.56	109	6.00	2.72	
Total BTEX	<0.300	0.300	07/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	07/13/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	191	95.5	200	0.410	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	194	97.1	200	0.756	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	68.6	% 43-149	)						
Surrogate: 1-Chlorooctadecane	76.3	% 42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: CS - 10 (4') (H222988-10)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2022	ND	1.87	93.5	2.00	3.69	
Toluene*	<0.050	0.050	07/12/2022	ND	2.04	102	2.00	3.65	
Ethylbenzene*	<0.050	0.050	07/12/2022	ND	2.15	107	2.00	2.93	
Total Xylenes*	<0.150	0.150	07/12/2022	ND	6.56	109	6.00	2.72	
Total BTEX	<0.300	0.300	07/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/13/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	191	95.5	200	0.410	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	194	97.1	200	0.756	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	72.4	% 43-149	)						
Surrogate: 1-Chlorooctadecane	78.3	% 42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: CS - 11 (4') (H222988-11)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2022	ND	1.87	93.5	2.00	3.69	
Toluene*	<0.050	0.050	07/12/2022	ND	2.04	102	2.00	3.65	
Ethylbenzene*	<0.050	0.050	07/12/2022	ND	2.15	107	2.00	2.93	
Total Xylenes*	<0.150	0.150	07/12/2022	ND	6.56	109	6.00	2.72	
Total BTEX	<0.300	0.300	07/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/13/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	191	95.5	200	0.410	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	194	97.1	200	0.756	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	70.6	% 43-149	)						
Surrogate: 1-Chlorooctadecane	76.9	% 42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: CS - 12 (4') (H222988-12)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2022	ND	1.87	93.5	2.00	3.69	
Toluene*	<0.050	0.050	07/12/2022	ND	2.04	102	2.00	3.65	
Ethylbenzene*	<0.050	0.050	07/12/2022	ND	2.15	107	2.00	2.93	
Total Xylenes*	<0.150	0.150	07/12/2022	ND	6.56	109	6.00	2.72	
Total BTEX	<0.300	0.300	07/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	07/13/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	191	95.5	200	0.410	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	194	97.1	200	0.756	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	75.2	% 43-149	)						
Surrogate: 1-Chlorooctadecane	81.9	% 42.5-16	1						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: CS - 13 (4') (H222988-13)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2022	ND	1.87	93.5	2.00	3.69	
Toluene*	<0.050	0.050	07/12/2022	ND	2.04	102	2.00	3.65	
Ethylbenzene*	<0.050	0.050	07/12/2022	ND	2.15	107	2.00	2.93	
Total Xylenes*	<0.150	0.150	07/12/2022	ND	6.56	109	6.00	2.72	
Total BTEX	<0.300	0.300	07/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	07/13/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	191	95.5	200	0.410	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	194	97.1	200	0.756	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	69.8	% 43-149	)						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: CS - 14 (4') (H222988-14)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2022	ND	1.87	93.5	2.00	3.69	
Toluene*	<0.050	0.050	07/12/2022	ND	2.04	102	2.00	3.65	
Ethylbenzene*	<0.050	0.050	07/12/2022	ND	2.15	107	2.00	2.93	
Total Xylenes*	<0.150	0.150	07/12/2022	ND	6.56	109	6.00	2.72	
Total BTEX	<0.300	0.300	07/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	07/13/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	191	95.5	200	0.410	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	194	97.1	200	0.756	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	68.9	% 43-149	)						
Surrogate: 1-Chlorooctadecane	74.3	% 42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: CS - 15 (4') (H222988-15)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2022	ND	1.87	93.5	2.00	3.69	
Toluene*	<0.050	0.050	07/12/2022	ND	2.04	102	2.00	3.65	
Ethylbenzene*	<0.050	0.050	07/12/2022	ND	2.15	107	2.00	2.93	
Total Xylenes*	<0.150	0.150	07/12/2022	ND	6.56	109	6.00	2.72	
Total BTEX	<0.300	0.300	07/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	07/13/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	191	95.5	200	0.410	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	194	97.1	200	0.756	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	65.9	% 43-149	)						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: CS - 16 (4') (H222988-16)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2022	ND	1.87	93.5	2.00	3.69	
Toluene*	<0.050	0.050	07/12/2022	ND	2.04	102	2.00	3.65	
Ethylbenzene*	<0.050	0.050	07/12/2022	ND	2.15	107	2.00	2.93	
Total Xylenes*	<0.150	0.150	07/12/2022	ND	6.56	109	6.00	2.72	
Total BTEX	<0.300	0.300	07/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	07/13/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	191	95.5	200	0.410	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	194	97.1	200	0.756	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	64.7	% 43-149	)						
Surrogate: 1-Chlorooctadecane	69.5	% 42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: CS - 17 (4') (H222988-17)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2022	ND	1.94	97.0	2.00	2.61	
Toluene*	<0.050	0.050	07/12/2022	ND	2.14	107	2.00	2.70	
Ethylbenzene*	<0.050	0.050	07/12/2022	ND	2.25	113	2.00	2.75	
Total Xylenes*	<0.150	0.150	07/12/2022	ND	6.91	115	6.00	1.94	
Total BTEX	<0.300	0.300	07/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	07/13/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	191	95.5	200	0.410	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	194	97.1	200	0.756	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	79.0	% 43-149	)						
Surrogate: 1-Chlorooctadecane	84.6	% 42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: CS - 18 (4') (H222988-18)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2022	ND	1.94	97.0	2.00	2.61	
Toluene*	<0.050	0.050	07/12/2022	ND	2.14	107	2.00	2.70	
Ethylbenzene*	<0.050	0.050	07/12/2022	ND	2.25	113	2.00	2.75	
Total Xylenes*	<0.150	0.150	07/12/2022	ND	6.91	115	6.00	1.94	
Total BTEX	<0.300	0.300	07/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1380	16.0	07/13/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	191	95.5	200	0.410	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	194	97.1	200	0.756	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	80.4 9	% 43-149	)						
Surrogate: 1-Chlorooctadecane	86.3 9	42.5-16	1						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: CS - 19 (4') (H222988-19)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2022	ND	1.94	97.0	2.00	2.61	
Toluene*	<0.050	0.050	07/12/2022	ND	2.14	107	2.00	2.70	
Ethylbenzene*	<0.050	0.050	07/12/2022	ND	2.25	113	2.00	2.75	
Total Xylenes*	<0.150	0.150	07/12/2022	ND	6.91	115	6.00	1.94	
Total BTEX	<0.300	0.300	07/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	07/13/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	191	95.5	200	0.410	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	194	97.1	200	0.756	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	71.3	% 43-149	)						
Surrogate: 1-Chlorooctadecane	76.8	% 42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

### Sample ID: CS - 20 (4') (H222988-20)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2022	ND	1.94	97.0	2.00	2.61	
Toluene*	<0.050	0.050	07/12/2022	ND	2.14	107	2.00	2.70	
Ethylbenzene*	<0.050	0.050	07/12/2022	ND	2.25	113	2.00	2.75	
Total Xylenes*	<0.150	0.150	07/12/2022	ND	6.91	115	6.00	1.94	
Total BTEX	<0.300	0.300	07/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	07/13/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	191	95.5	200	0.410	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	194	97.1	200	0.756	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	62.3	% 43-149	)						
Surrogate: 1-Chlorooctadecane	67.7	% 42.5-16							

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: CS - 21 (4') (H222988-21)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.94	97.0	2.00	2.61	
Toluene*	<0.050	0.050	07/13/2022	ND	2.14	107	2.00	2.70	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.25	113	2.00	2.75	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.91	115	6.00	1.94	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	07/13/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	220	110	200	3.34	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	239	119	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	88.6	% 43-149	)						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: CS - 22 (4') (H222988-22)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.94	97.0	2.00	2.61	
Toluene*	<0.050	0.050	07/13/2022	ND	2.14	107	2.00	2.70	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.25	113	2.00	2.75	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.91	115	6.00	1.94	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	07/13/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	220	110	200	3.34	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	239	119	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	84.9 9	6 43-149	)						
Surrogate: 1-Chlorooctadecane	81.9 %	42.5-16	1						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: CS - 23 (4') (H222988-23)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.94	97.0	2.00	2.61	
Toluene*	<0.050	0.050	07/13/2022	ND	2.14	107	2.00	2.70	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.25	113	2.00	2.75	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.91	115	6.00	1.94	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	736	16.0	07/13/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	220	110	200	3.34	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	239	119	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	85.1 9	% 43-149	)						
Surrogate: 1-Chlorooctadecane	81.8 9	42.5-16	1						

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\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

### Sample ID: CS - 24 (4') (H222988-24)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.94	97.0	2.00	2.61	
Toluene*	<0.050	0.050	07/13/2022	ND	2.14	107	2.00	2.70	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.25	113	2.00	2.75	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.91	115	6.00	1.94	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	07/13/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	220	110	200	3.34	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	239	119	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	76.5 9	% 43-149	)						
Surrogate: 1-Chlorooctadecane	73.1 9	42.5-16	1						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: CS - 25 (4') (H222988-25)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.94	97.0	2.00	2.61	
Toluene*	<0.050	0.050	07/13/2022	ND	2.14	107	2.00	2.70	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.25	113	2.00	2.75	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.91	115	6.00	1.94	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	07/13/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	220	110	200	3.34	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	239	119	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	83.9	% 43-149	)						
Surrogate: 1-Chlorooctadecane	81.2	42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: CS - 26 (4') (H222988-26)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.94	97.0	2.00	2.61	
Toluene*	<0.050	0.050	07/13/2022	ND	2.14	107	2.00	2.70	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.25	113	2.00	2.75	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.91	115	6.00	1.94	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	07/13/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	220	110	200	3.34	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	239	119	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	86.4	% 43-149	)						
Surrogate: 1-Chlorooctadecane	82.9	% 42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: CS - 27 (4') (H222988-27)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.94	97.0	2.00	2.61	
Toluene*	<0.050	0.050	07/13/2022	ND	2.14	107	2.00	2.70	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.25	113	2.00	2.75	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.91	115	6.00	1.94	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	07/13/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	220	110	200	3.34	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	239	119	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	85.8	% 43-149	)						
Surrogate: 1-Chlorooctadecane	81.4	% 42.5-16							

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

### Sample ID: CS - 28 (4') (H222988-28)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.94	97.0	2.00	2.61	
Toluene*	<0.050	0.050	07/13/2022	ND	2.14	107	2.00	2.70	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.25	113	2.00	2.75	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.91	115	6.00	1.94	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/13/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	220	110	200	3.34	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	239	119	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	82.7	% 43-149	)						
Surrogate: 1-Chlorooctadecane	77.9	% 42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: CS - 29 (4') (H222988-29)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.94	97.0	2.00	2.61	
Toluene*	<0.050	0.050	07/13/2022	ND	2.14	107	2.00	2.70	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.25	113	2.00	2.75	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.91	115	6.00	1.94	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	07/13/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	220	110	200	3.34	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	239	119	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	89.9 9	% 43-149	)						
Surrogate: 1-Chlorooctadecane	84.9 9	42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

### Sample ID: CS - 30 (4') (H222988-30)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.94	97.0	2.00	2.61	
Toluene*	<0.050	0.050	07/13/2022	ND	2.14	107	2.00	2.70	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.25	113	2.00	2.75	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.91	115	6.00	1.94	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/13/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	220	110	200	3.34	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	239	119	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	93.2	% 43-149	)						
Surrogate: 1-Chlorooctadecane	88.7	% 42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: CS - 31 (4') (H222988-31)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.94	97.0	2.00	2.61	
Toluene*	<0.050	0.050	07/13/2022	ND	2.14	107	2.00	2.70	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.25	113	2.00	2.75	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.91	115	6.00	1.94	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/13/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	220	110	200	3.34	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	239	119	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	89.8	% 43-149	1						
Surrogate: 1-Chlorooctadecane		% 42.5-16							

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: CS - 32 (4') (H222988-32)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.94	97.0	2.00	2.61	
Toluene*	<0.050	0.050	07/13/2022	ND	2.14	107	2.00	2.70	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.25	113	2.00	2.75	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.91	115	6.00	1.94	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	07/13/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	220	110	200	3.34	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	239	119	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	82.0	% 43-149	)						
Surrogate: 1-Chlorooctadecane	78.5	% 42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: CS - 33 (4') (H222988-33)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.94	97.0	2.00	2.61	
Toluene*	<0.050	0.050	07/13/2022	ND	2.14	107	2.00	2.70	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.25	113	2.00	2.75	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.91	115	6.00	1.94	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	07/13/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	220	110	200	3.34	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	239	119	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	78.6	% 43-149	)						
Surrogate: 1-Chlorooctadecane	73.8	% 42.5-16	1						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: CS - 34 (4') (H222988-34)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.94	97.0	2.00	2.61	
Toluene*	<0.050	0.050	07/13/2022	ND	2.14	107	2.00	2.70	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.25	113	2.00	2.75	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.91	115	6.00	1.94	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	07/13/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	220	110	200	3.34	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	239	119	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	71.0	% 43-149	)						
Surrogate: 1-Chlorooctadecane	67.2	% 42.5-16							

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\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: CS - 35 (4') (H222988-35)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.94	97.0	2.00	2.61	
Toluene*	<0.050	0.050	07/13/2022	ND	2.14	107	2.00	2.70	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.25	113	2.00	2.75	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.91	115	6.00	1.94	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	07/13/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	220	110	200	3.34	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	239	119	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	76.4 9	% 43-149							
Surrogate: 1-Chlorooctadecane	72.1 9	42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: CS - 36 (4') (H222988-36)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.94	97.0	2.00	2.61	
Toluene*	<0.050	0.050	07/13/2022	ND	2.14	107	2.00	2.70	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.25	113	2.00	2.75	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.91	115	6.00	1.94	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	768	16.0	07/13/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	220	110	200	3.34	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	239	119	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	78.2 9	% 43-149	)						
Surrogate: 1-Chlorooctadecane	73.7 9	% 42.5-16							

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: CS - 37 (4') (H222988-37)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2022	ND	1.94	97.2	2.00	12.5	QM-07
Toluene*	<0.050	0.050	07/12/2022	ND	2.12	106	2.00	12.9	
Ethylbenzene*	<0.050	0.050	07/12/2022	ND	2.23	111	2.00	13.6	
Total Xylenes*	<0.150	0.150	07/12/2022	ND	6.85	114	6.00	14.4	
Total BTEX	<0.300	0.300	07/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	07/13/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	220	110	200	3.34	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	239	119	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	91.5	% 43-149	1						
Surrogate: 1-Chlorooctadecane	85.5	% 42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: CS - 38 (4') (H222988-38)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.94	97.2	2.00	12.5	
Toluene*	<0.050	0.050	07/13/2022	ND	2.12	106	2.00	12.9	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.23	111	2.00	13.6	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.85	114	6.00	14.4	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	07/13/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	220	110	200	3.34	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	239	119	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	96.5	% 43-149	)						
Surrogate: 1-Chlorooctadecane	91.3	% 42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: CS - 39 (4') (H222988-39)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.94	97.2	2.00	12.5	
Toluene*	<0.050	0.050	07/13/2022	ND	2.12	106	2.00	12.9	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.23	111	2.00	13.6	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.85	114	6.00	14.4	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	07/13/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	220	110	200	3.34	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	239	119	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	93.8	% 43-149	)						
Surrogate: 1-Chlorooctadecane	86.7	% 42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: CS - 40 (4') (H222988-40)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.94	97.2	2.00	12.5	
Toluene*	<0.050	0.050	07/13/2022	ND	2.12	106	2.00	12.9	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.23	111	2.00	13.6	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.85	114	6.00	14.4	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	07/13/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	220	110	200	3.34	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	239	119	200	3.52	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	96.2 9	% 43-149	)						
Surrogate: 1-Chlorooctadecane	90.2 9	42.5-16	•						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: CS - 41 (4') (H222988-41)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.94	97.2	2.00	12.5	
Toluene*	<0.050	0.050	07/13/2022	ND	2.12	106	2.00	12.9	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.23	111	2.00	13.6	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.85	114	6.00	14.4	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	07/13/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2022	ND	214	107	200	3.15	
DRO >C10-C28*	<10.0	10.0	07/12/2022	ND	223	112	200	2.70	
EXT DRO >C28-C36	<10.0	10.0	07/12/2022	ND					
Surrogate: 1-Chlorooctane	84.2	% 43-149	1						
Surrogate: 1-Chlorooctadecane	100 9	6 42.5-16	1						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: CS - 42 (4') (H222988-42)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.94	97.2	2.00	12.5	
Toluene*	<0.050	0.050	07/13/2022	ND	2.12	106	2.00	12.9	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.23	111	2.00	13.6	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.85	114	6.00	14.4	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	07/13/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2022	ND	214	107	200	3.15	
DRO >C10-C28*	<10.0	10.0	07/12/2022	ND	223	112	200	2.70	
EXT DRO >C28-C36	<10.0	10.0	07/12/2022	ND					
Surrogate: 1-Chlorooctane	68.5	% 43-149	)						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: CS - 43 (4') (H222988-43)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.94	97.2	2.00	12.5	
Toluene*	<0.050	0.050	07/13/2022	ND	2.12	106	2.00	12.9	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.23	111	2.00	13.6	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.85	114	6.00	14.4	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/13/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2022	ND	214	107	200	3.15	
DRO >C10-C28*	<10.0	10.0	07/12/2022	ND	223	112	200	2.70	
EXT DRO >C28-C36	<10.0	10.0	07/12/2022	ND					
Surrogate: 1-Chlorooctane	75.9	% 43-149	)						
Surrogate: 1-Chlorooctadecane	92.8	% 42.5-16	1						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: CS - 44 (4') (H222988-44)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.94	97.2	2.00	12.5	
Toluene*	<0.050	0.050	07/13/2022	ND	2.12	106	2.00	12.9	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.23	111	2.00	13.6	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.85	114	6.00	14.4	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	07/13/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2022	ND	214	107	200	3.15	
DRO >C10-C28*	<10.0	10.0	07/12/2022	ND	223	112	200	2.70	
EXT DRO >C28-C36	<10.0	10.0	07/12/2022	ND					
Surrogate: 1-Chlorooctane	89.2 9	% 43-149	)						
Surrogate: 1-Chlorooctadecane	107 %	6 42.5-16							

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#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: CS - 45 (4') (H222988-45)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.94	97.2	2.00	12.5	
Toluene*	<0.050	0.050	07/13/2022	ND	2.12	106	2.00	12.9	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.23	111	2.00	13.6	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.85	114	6.00	14.4	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1010	16.0	07/13/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2022	ND	214	107	200	3.15	
DRO >C10-C28*	<10.0	10.0	07/12/2022	ND	223	112	200	2.70	
EXT DRO >C28-C36	<10.0	10.0	07/12/2022	ND					
Surrogate: 1-Chlorooctane	68.8	% 43-149	)						
Surrogate: 1-Chlorooctadecane	84.4	% 42.5-16	1						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: CS - 46 (4') (H222988-46)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.94	97.2	2.00	12.5	
Toluene*	<0.050	0.050	07/13/2022	ND	2.12	106	2.00	12.9	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.23	111	2.00	13.6	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.85	114	6.00	14.4	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	07/13/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2022	ND	214	107	200	3.15	
DRO >C10-C28*	<10.0	10.0	07/12/2022	ND	223	112	200	2.70	
EXT DRO >C28-C36	<10.0	10.0	07/12/2022	ND					
Surrogate: 1-Chlorooctane	68.1	% 43-149	)						
Surrogate: 1-Chlorooctadecane	82.0	% 42.5-16	1						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: CS - 47 (4') (H222988-47)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.94	97.2	2.00	12.5	
Toluene*	<0.050	0.050	07/13/2022	ND	2.12	106	2.00	12.9	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.23	111	2.00	13.6	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.85	114	6.00	14.4	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1780	16.0	07/13/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2022	ND	214	107	200	3.15	
DRO >C10-C28*	377	10.0	07/12/2022	ND	223	112	200	2.70	
EXT DRO >C28-C36	49.8	10.0	07/12/2022	ND					
Surrogate: 1-Chlorooctane	76.4	% 43-149	)						
Surrogate: 1-Chlorooctadecane	91.1	% 42.5-16							

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: CS - 48 (4') (H222988-48)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.94	97.2	2.00	12.5	
Toluene*	<0.050	0.050	07/13/2022	ND	2.12	106	2.00	12.9	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.23	111	2.00	13.6	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.85	114	6.00	14.4	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	07/13/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2022	ND	214	107	200	3.15	
DRO >C10-C28*	<10.0	10.0	07/12/2022	ND	223	112	200	2.70	
EXT DRO >C28-C36	<10.0	10.0	07/12/2022	ND					
Surrogate: 1-Chlorooctane	74.0 9	% 43-149	)						
Surrogate: 1-Chlorooctadecane									

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: CS - 49 (4') (H222988-49)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.94	97.2	2.00	12.5	
Toluene*	<0.050	0.050	07/13/2022	ND	2.12	106	2.00	12.9	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.23	111	2.00	13.6	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.85	114	6.00	14.4	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/13/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2022	ND	214	107	200	3.15	
DRO >C10-C28*	<10.0	10.0	07/12/2022	ND	223	112	200	2.70	
EXT DRO >C28-C36	<10.0	10.0	07/12/2022	ND					
Surrogate: 1-Chlorooctane	70.6 9	% 43-149	)						
Surrogate: 1-Chlorooctadecane	85.0 9	42.5-16							

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: CS - 50 (4') (H222988-50)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.94	97.2	2.00	12.5	
Toluene*	<0.050	0.050	07/13/2022	ND	2.12	106	2.00	12.9	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.23	111	2.00	13.6	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.85	114	6.00	14.4	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	07/13/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2022	ND	214	107	200	3.15	
DRO >C10-C28*	<10.0	10.0	07/12/2022	ND	223	112	200	2.70	
EXT DRO >C28-C36	<10.0	10.0	07/12/2022	ND					
Surrogate: 1-Chlorooctane	79.4	% 43-149	)						
Surrogate: 1-Chlorooctadecane	95.4	% 42.5-16	1						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: CS - 51 (4') (H222988-51)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.94	97.2	2.00	12.5	
Toluene*	<0.050	0.050	07/13/2022	ND	2.12	106	2.00	12.9	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.23	111	2.00	13.6	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.85	114	6.00	14.4	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	07/13/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2022	ND	214	107	200	3.15	
DRO >C10-C28*	64.2	10.0	07/12/2022	ND	223	112	200	2.70	
EXT DRO >C28-C36	<10.0	10.0	07/12/2022	ND					
Surrogate: 1-Chlorooctane	82.1	% 43-149	)						
Surrogate: 1-Chlorooctadecane	101 9	% 42.5-16	1						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: CS - 52 (4') (H222988-52)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.94	97.2	2.00	12.5	
Toluene*	<0.050	0.050	07/13/2022	ND	2.12	106	2.00	12.9	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.23	111	2.00	13.6	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.85	114	6.00	14.4	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1700	16.0	07/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2022	ND	214	107	200	3.15	
DRO >C10-C28*	398	10.0	07/12/2022	ND	223	112	200	2.70	
EXT DRO >C28-C36	54.8	10.0	07/12/2022	ND					
Surrogate: 1-Chlorooctane	74.7	% 43-149	)						
Surrogate: 1-Chlorooctadecane	85.2	% 42.5-16	1						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: CS - 53 (4') (H222988-53)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.94	97.2	2.00	12.5	
Toluene*	<0.050	0.050	07/13/2022	ND	2.12	106	2.00	12.9	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.23	111	2.00	13.6	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.85	114	6.00	14.4	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	07/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2022	ND	214	107	200	3.15	
DRO >C10-C28*	<10.0	10.0	07/12/2022	ND	223	112	200	2.70	
EXT DRO >C28-C36	<10.0	10.0	07/12/2022	ND					
Surrogate: 1-Chlorooctane	81.7	% 43-149	)						
Surrogate: 1-Chlorooctadecane	95.8	% 42.5-16	1						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: CS - 54 (4') (H222988-54)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.94	97.2	2.00	12.5	
Toluene*	<0.050	0.050	07/13/2022	ND	2.12	106	2.00	12.9	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.23	111	2.00	13.6	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.85	114	6.00	14.4	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	07/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2022	ND	214	107	200	3.15	
DRO >C10-C28*	<10.0	10.0	07/12/2022	ND	223	112	200	2.70	
EXT DRO >C28-C36	<10.0	10.0	07/12/2022	ND					
Surrogate: 1-Chlorooctane	75.3	% 43-149	)						
Surrogate: 1-Chlorooctadecane	91.4	42.5-16	1						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: CS - 55 (4') (H222988-55)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.94	97.2	2.00	12.5	
Toluene*	<0.050	0.050	07/13/2022	ND	2.12	106	2.00	12.9	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.23	111	2.00	13.6	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.85	114	6.00	14.4	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1310	16.0	07/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2022	ND	214	107	200	3.15	
DRO >C10-C28*	15.6	10.0	07/12/2022	ND	223	112	200	2.70	
EXT DRO >C28-C36	<10.0	10.0	07/12/2022	ND					
Surrogate: 1-Chlorooctane	77.3	% 43-149	)						
Surrogate: 1-Chlorooctadecane	92.6	% 42.5-16	1						

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\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: CS - 56 (4') (H222988-56)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.94	97.2	2.00	12.5	
Toluene*	<0.050	0.050	07/13/2022	ND	2.12	106	2.00	12.9	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.23	111	2.00	13.6	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.85	114	6.00	14.4	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2022	ND	214	107	200	3.15	
DRO >C10-C28*	<10.0	10.0	07/12/2022	ND	223	112	200	2.70	
EXT DRO >C28-C36	<10.0	10.0	07/12/2022	ND					
Surrogate: 1-Chlorooctane	69.2	% 43-149	)						
Surrogate: 1-Chlorooctadecane	82.2	% 42.5-16	1						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: CS - 57 (4') (H222988-57)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.95	97.3	2.00	0.782	
Toluene*	<0.050	0.050	07/13/2022	ND	2.15	107	2.00	0.779	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.26	113	2.00	0.763	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.98	116	6.00	0.371	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	07/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2022	ND	214	107	200	3.15	
DRO >C10-C28*	<10.0	10.0	07/12/2022	ND	223	112	200	2.70	
EXT DRO >C28-C36	<10.0	10.0	07/12/2022	ND					
Surrogate: 1-Chlorooctane	64.8 \$	% 43-149	)						
Surrogate: 1-Chlorooctadecane	77.2 9	42.5-16	1						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: CS - 58 (4') (H222988-58)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.95	97.3	2.00	0.782	
Toluene*	<0.050	0.050	07/13/2022	ND	2.15	107	2.00	0.779	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.26	113	2.00	0.763	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.98	116	6.00	0.371	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2022	ND	214	107	200	3.15	
DRO >C10-C28*	<10.0	10.0	07/12/2022	ND	223	112	200	2.70	
EXT DRO >C28-C36	<10.0	10.0	07/12/2022	ND					
Surrogate: 1-Chlorooctane	69.9 9	% 43-149	)						
Surrogate: 1-Chlorooctadecane	78.69	42.5-16	1						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: CS - 59 (4') (H222988-59)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.95	97.3	2.00	0.782	
Toluene*	<0.050	0.050	07/13/2022	ND	2.15	107	2.00	0.779	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.26	113	2.00	0.763	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.98	116	6.00	0.371	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	07/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	214	107	200	3.15	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	223	112	200	2.70	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	57.6 9	% 43-149	)						
Surrogate: 1-Chlorooctadecane	66.3 9	42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: CS - 60 (4') (H222988-60)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.95	97.3	2.00	0.782	
Toluene*	<0.050	0.050	07/13/2022	ND	2.15	107	2.00	0.779	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.26	113	2.00	0.763	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.98	116	6.00	0.371	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	07/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	214	107	200	3.15	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	223	112	200	2.70	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	72.1 9	% 43-149	)						
Surrogate: 1-Chlorooctadecane	83.9	% 42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: CS - 61 (4') (H222988-61)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.95	97.3	2.00	0.782	
Toluene*	<0.050	0.050	07/13/2022	ND	2.15	107	2.00	0.779	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.26	113	2.00	0.763	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.98	116	6.00	0.371	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	07/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	205	102	200	2.87	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	209	105	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	75.8	% 43-149	1						
Surrogate: 1-Chlorooctadecane	86.6	42.5-16	1						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: CS - 62 (4') (H222988-62)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.95	97.3	2.00	0.782	
Toluene*	<0.050	0.050	07/13/2022	ND	2.15	107	2.00	0.779	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.26	113	2.00	0.763	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.98	116	6.00	0.371	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	205	102	200	2.87	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	209	105	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	81.8	% 43-149	)						
Surrogate: 1-Chlorooctadecane	91.5	% 42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: CS - 63 (4') (H222988-63)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.95	97.3	2.00	0.782	
Toluene*	<0.050	0.050	07/13/2022	ND	2.15	107	2.00	0.779	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.26	113	2.00	0.763	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.98	116	6.00	0.371	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	205	102	200	2.87	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	209	105	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	83.9 9	6 43-149							
Surrogate: 1-Chlorooctadecane	96.1 %	6 42.5-16	1						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: CS - 64 (4') (H222988-64)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.95	97.3	2.00	0.782	
Toluene*	<0.050	0.050	07/13/2022	ND	2.15	107	2.00	0.779	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.26	113	2.00	0.763	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.98	116	6.00	0.371	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	07/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	205	102	200	2.87	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	209	105	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	83.4	% 43-149	)						
Surrogate: 1-Chlorooctadecane	95.0	% 42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: CS - 65 (4') (H222988-65)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.95	97.3	2.00	0.782	
Toluene*	<0.050	0.050	07/13/2022	ND	2.15	107	2.00	0.779	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.26	113	2.00	0.763	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.98	116	6.00	0.371	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	205	102	200	2.87	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	209	105	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	83.1 9	6 43-149	)						
Surrogate: 1-Chlorooctadecane	94.2 9	42.5-16	1						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: CS - 66 (4') (H222988-66)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.95	97.3	2.00	0.782	
Toluene*	<0.050	0.050	07/13/2022	ND	2.15	107	2.00	0.779	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.26	113	2.00	0.763	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.98	116	6.00	0.371	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1220	16.0	07/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	205	102	200	2.87	
DRO >C10-C28*	23.1	10.0	07/13/2022	ND	209	105	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	83.2 9	% 43-149	)						
Surrogate: 1-Chlorooctadecane	95.2 9	42.5-16	1						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: CS - 67 (4') (H222988-67)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.95	97.3	2.00	0.782	
Toluene*	<0.050	0.050	07/13/2022	ND	2.15	107	2.00	0.779	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.26	113	2.00	0.763	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.98	116	6.00	0.371	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	07/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	205	102	200	2.87	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	209	105	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	77.0 9	% 43-149	)						
Surrogate: 1-Chlorooctadecane	87.7 9	42.5-16	1						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: CS - 68 (4') (H222988-68)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.95	97.3	2.00	0.782	
Toluene*	<0.050	0.050	07/13/2022	ND	2.15	107	2.00	0.779	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.26	113	2.00	0.763	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.98	116	6.00	0.371	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	07/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	205	102	200	2.87	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	209	105	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	78.19	% 43-149	)						
Surrogate: 1-Chlorooctadecane	88.9 9	42.5-16							

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Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

### Sample ID: CS - 69 (4') (H222988-69)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.95	97.3	2.00	0.782	
Toluene*	<0.050	0.050	07/13/2022	ND	2.15	107	2.00	0.779	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.26	113	2.00	0.763	GC-NC
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.98	116	6.00	0.371	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	126 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1330	16.0	07/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	12.3	10.0	07/13/2022	ND	205	102	200	2.87	
DRO >C10-C28*	809	10.0	07/13/2022	ND	209	105	200	5.32	
EXT DRO >C28-C36	208	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	87.0	% 43-149	)						
Surrogate: 1-Chlorooctadecane	120 9	6 42.5-16	•						

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Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

### Sample ID: CS - 70 (4') (H222988-70)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.95	97.3	2.00	0.782	
Toluene*	<0.050	0.050	07/13/2022	ND	2.15	107	2.00	0.779	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.26	113	2.00	0.763	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.98	116	6.00	0.371	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	07/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	205	102	200	2.87	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	209	105	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	83.3	% 43-149	)						
Surrogate: 1-Chlorooctadecane	95.3	% 42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: CS - 81 (4') (H222988-71)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.95	97.3	2.00	0.782	
Toluene*	<0.050	0.050	07/13/2022	ND	2.15	107	2.00	0.779	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.26	113	2.00	0.763	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.98	116	6.00	0.371	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	07/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	205	102	200	2.87	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	209	105	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	81.5	% 43-149	)						
Surrogate: 1-Chlorooctadecane	93.1	% 42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

## Sample ID: CS - 82 (4') (H222988-72)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.95	97.3	2.00	0.782	
Toluene*	<0.050	0.050	07/13/2022	ND	2.15	107	2.00	0.779	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.26	113	2.00	0.763	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.98	116	6.00	0.371	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	07/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	205	102	200	2.87	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	209	105	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	80.8	% 43-149	)						
Surrogate: 1-Chlorooctadecane	92.0	% 42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: CS - 83 (4') (H222988-73)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.95	97.3	2.00	0.782	
Toluene*	<0.050	0.050	07/13/2022	ND	2.15	107	2.00	0.779	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.26	113	2.00	0.763	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.98	116	6.00	0.371	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	07/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	205	102	200	2.87	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	209	105	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	82.6	% 43-149	)						
Surrogate: 1-Chlorooctadecane	93.9	% 42.5-16	•						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: CS - 84 (4') (H222988-74)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.95	97.3	2.00	0.782	
Toluene*	<0.050	0.050	07/13/2022	ND	2.15	107	2.00	0.779	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.26	113	2.00	0.763	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.98	116	6.00	0.371	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	07/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	205	102	200	2.87	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	209	105	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	81.1 %	6 43-149	)						
Surrogate: 1-Chlorooctadecane	94.2 %	6 42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: CS - 85 (4') (H222988-75)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.95	97.3	2.00	0.782	
Toluene*	<0.050	0.050	07/13/2022	ND	2.15	107	2.00	0.779	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.26	113	2.00	0.763	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.98	116	6.00	0.371	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	07/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	205	102	200	2.87	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	209	105	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	75.7 9	% 43-149	)						
Surrogate: 1-Chlorooctadecane	86.5 %	42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: CS - 86 (4') (H222988-76)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.95	97.3	2.00	0.782	
Toluene*	<0.050	0.050	07/13/2022	ND	2.15	107	2.00	0.779	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.26	113	2.00	0.763	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.98	116	6.00	0.371	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	07/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	205	102	200	2.87	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	209	105	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	80.3 9	6 43-149	)						
Surrogate: 1-Chlorooctadecane	91.2 9	42.5-16	1						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: CS - 87 (4') (H222988-77)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.91	95.3	2.00	11.9	
Toluene*	<0.050	0.050	07/13/2022	ND	2.09	105	2.00	12.6	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.18	109	2.00	12.4	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.65	111	6.00	12.6	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	07/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	205	102	200	2.87	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	209	105	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	81.2	% 43-149	1						
Surrogate: 1-Chlorooctadecane	91.7	% 42.5-16	1						

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Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: CS - 88 (4') (H222988-78)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.91	95.3	2.00	11.9	
Toluene*	<0.050	0.050	07/13/2022	ND	2.09	105	2.00	12.6	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.18	109	2.00	12.4	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.65	111	6.00	12.6	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	07/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	205	102	200	2.87	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	209	105	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	77.8	% 43-149							
Surrogate: 1-Chlorooctadecane	89.0	% 42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: CS - 89 (4') (H222988-79)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.91	95.3	2.00	11.9	
Toluene*	<0.050	0.050	07/13/2022	ND	2.09	105	2.00	12.6	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.18	109	2.00	12.4	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.65	111	6.00	12.6	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	205	102	200	2.87	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	209	105	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	76.9	% 43-149							
Surrogate: 1-Chlorooctadecane	87.0	% 42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: SW - 1 (4') (H222988-80)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.91	95.3	2.00	11.9	
Toluene*	<0.050	0.050	07/13/2022	ND	2.09	105	2.00	12.6	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.18	109	2.00	12.4	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.65	111	6.00	12.6	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	205	102	200	2.87	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	209	105	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	72.0	% 43-149	)						

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Celey D. Keene, Lab Director/Quality Manager



# **Notes and Definitions**

QR-04	The RPD for the BS/BSD was outside of historical limits.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as 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

### **Cardinal Laboratories**

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

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		Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com, Ashton Thielke Athielke@carmonaresources.com	CS-10 (4')	CS-9 (4')	CS-8 (4')	CS-7 (4')	CS-6 (4')	CS-5 (4')	CS-4 (4")	CS-3 (	CS-2 (	CS-1 (	Sample Identification	Total Containers:	Sample Custody Seals	Cooler Custody Seals	Received Intact:	SAMPLE RECEIPT	PO井	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone:	City, State ZIP:	Address:	Company Name:	Project Manager:
h		to Mik	(4')	4")	4')	4")	4")	4")	4")	(4")	(4")	(4")	tificatio		IS:	- 97		T	_				R	432-813-5347	Midlan	310 W	Carmo	Ashton
tul	Relin	e Carm											2		Yes		D	Tem			Le		attlesna	3-5347	Midland, TX 79701	est Wa	Carmona Resources	Ashton Thielke
À	Relinquished by: (Signature)	ona / N	7/11/2022	7/11/2022	7/11/2022	7/11/2022	7/11/2022	7/11/2022	7/11/2022	7/11/2022	7/11/2022	7/11/2022	Date	,	NO INA		Z	Temp Blank:		CCM/AT	Lea Co, NM	1073	Rattlesnake Riser Release		9701	310 West Wall St. Suite 415	ources	CD .
1.	by: (Sig	carmo	022	022	022	022	022	022	022	022	022	022		CC				X			M		r Releas			te 415		
	ynature)	na@car											Time	prrected	mperatu	Correction Factor	Thermometer ID:	Yes No					se					
		monar	×	×	×	×	×	×	×	×	×	×	Soil	Corrected Temperature:	Temperature Reading:	Factor	ter ID:	Wet Ice			Due Date:	Routine						
		esourc													-			8			te		Turn Around	Email: Ja	0	A	0	8
		es.com											Water	1.50	0.1.0	10.6	113	Yes			24HRS	Rush 8	round	James K	City. State ZIP	Address:	Company Name	Bill to: (if different)
		and Co	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Grab/ Comp			~	•	No			Sb			(ennedy	ZIP:		Name:	fferent)
		onner N				1	1	1				1	# of Cont			P	ara	met	ers			Pres. Code		Kennedy@eogresources.com				
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0		ke Athi								-												-			Reporting:Level II Level III		PRP	Work
		elke@c														н	OLD							ADaPT	PST/UST		Brownfields	Order (
		carmon											S	NaOH+	Zn Acet	Na2S20	NaHSO	H <sub>3</sub> PO <sub>4</sub> : HP	H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	HCL: HC	Cool: Cool	None: NO	Pr				fields	Work Order Comments
7-12-22		haresou											imple (	Ascorbic	Zn Acetate+NaOH: Zn	Na2S2O3: NaSO3	NaHSO4: NABIS	ŦP	H <sub>2</sub>	0	00	10	eserva	Other:	RRP		RRC	nts
	Date/Time	Irces.c.											Sample Comments	NaOH+Ascorbic Acid: SAPC	DH: Zn	3	0)		NaOH: Na	HNO3: HN	MeOH: Me	DI Wa	Preservative Codes		Lev		Jupe	
337	ne	Sm N											nts	APC					Na	HN	Me	DI Water: H <sub>2</sub> O	des		Level IV	1	uperfund	

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Chain of Custody

Work Order No:

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10		Comments: Email	CS-20 (4')	CS-19 (4')	CS-18 (4')	CS-17 (	CS-16 (	CS-15 (	CS-14	CS-13	CS-12	CS-11 (4')	Sample Identification	Fotal Containers:	Sample Custody Seals	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO#	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone:	City, State ZIP:	Address:	Company Name:	Project Manager.
-	Relir	Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com, Ashton Thielke Athielke@carmonaresources.com	(4")	(4")	(4")	(4")	(4")	(4")	(4")	(4")	(4')	(4")	lification		ls: Yes	s: Yes	(Yes				-		Rattlesn	432-813-5347	Midland, TX 79701	310 West Wall St. Suite	Carmona Resources	Ashton Thielke
	Relinquished by: (Signature)	nona / Mcarm	7/11/2022	7/11/2022	7/11/2022	7/11/2022	7/11/2022	7/11/2022	7/11/2022	7/11/2022	7/11/2022	7/11/2022	Date	-	NO NIA	NO (NIA)	es No	Temp Blank:		CCM/AT	Lea Co, NM	1073	Rattlesnake Riser Release	7	79701	all St. Suite 415	sources	ſe
	Signature	iona@ca											Time	Corrected	Temperal	Correction Factor	Thermometer ID:	Yes No					ease			5		
	(e	armonaresou	×	×	×	×	×	×	×	X	×	X	Soil	Corrected Temperature:	Temperature Reading:	n Factor.	ieter ID:	Wet loe:			Due Date:	Routine	Tun	Email				
		rces.con											Water	1.5	2-12	-0.1	1/3	Yes			24HRS	Rush	Turn Around	Email: James Kennedy@eogresources.com	City. State ZIP	Address:	Company Name	Bill to: (if different)
•		n and Co	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Grab/ Comp	~0		60°		No			IRS			Kennedy	le ZIP:		y Name:	different)
	0	onner M	-	-	1	1	1	1	-1	-1	-	1	# of Cont			Pa	aran	nete	rs			Pres. Code		(@eogre				
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	ne	g / Cm	×	×	×	×	X	×	×	×	×	×	TP	H 801					+ N	RO)	)			s.com	Midland, Tx 79706	hampio	esource	James Kennedy
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11810	-	g@car																										
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110	R	esourc																					YSIS R					
	Received by: (Signature)	es.con										_											ANALYSIS REQUEST	De	Re	Sta	Pro	
Ì	by: (S	n, Asht																					ST	Deliverables: EDD	Reporting:Level II Level III	State of Project:	gram: l	
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		)@can							_					Nat	Zn,		Nat	Hol	H2S	HC	Coc	Nor		ADaPT	PST/UST		Program: UST/PST PRP Brownfields	er Con
1		nonare											Samp	NaOH+Ascorbic Acid: SAPC	Zn Acetate+NaOH: Zn	Na2S2O3: NaSO3	NaHSO4: NABIS	H <sub>3</sub> PO <sub>4</sub> : HP	H2S04: H2	HCL: HC	Cool: Cool	None: NO	Prese		T		lds RRC	Work Order Comments
7-17-77	Date	source											Sample Comments	orbic Ac	NaOH:	aSO3	ABIS		Z	H	M	D	Preservative Codes	Other:				
7 1227	Date/Time	is.com											Iments	id: SAP	Zn				NaOH: Na	HNO3: HN	MeOH: Me	DI Water: H <sub>2</sub> O	Codes		Level IV		uperfund	
Ľ																					(D	H <sub>2</sub> 0				1	ā	

**Chain of Custody** 

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2		Comments: Email	30 CS-30 (4')	CS-29	CS-28 (4')	CS-27	CS-26 (4')	CS-25	CS-24 (4')	CS-23 (4')	CS-22 (4')	CS-21 (4')	Sample Identification	Total Containers:	Sample Custody Seals	Cooler Custody Seals	Received Intact:	SAMPLE RECEIPT	PO #.	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone:	City, State ZIP:	Address:	Company Name:	Project Manager.
al	Relino	Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com, Ashton Thielke Athielke@carmonaresources.com	(4')	(4")	(4")	(4')	(4')	(4")	(4')	(4")	(4")	(4")	tification		Yes	Yes	(Yes			0	Le		Rattlesna	432-813-5347	Midland, TX 79701	310 West Wall St. Suite 415	Carmona Resources	Ashton Thielke
at a	Relinquished by: (Signature)	ona / Mcarm	7/11/2022	7/11/2022	7/11/2022	7/11/2022	7/11/2022	7/11/2022	7/11/2022	7/11/2022	7/11/2022	7/11/2022	Date		NO (NIA)	NO NIA	No	Temp Blank:		CCM/AT	Lea Co, NM	1073	Rattlesnake Riser Release		3701	St. Suite 41	ources	
	Signature)	iona@car											Time	Corrected	Temperatu	Correction Factor	Thermometer ID:	Yes No					ease			G		
		monaresou	×	×	×	×	Х	×	X	×	×	×	Soil	Corrected Temperature:	Temperature Reading:	Factor.	ter ID:	Wet Ice:			Due Date:	Routine	Turi	Email				
		rces.com	0	0	0	0	0	0	0	0	0	0	Water	1.52	2.12	-0.6	113	Yes			24HRS	Rush	Turn Around	Email: James Kennedy@eogresources.com	City, State ZIP	Address:	Company Name	Bill to: (if different)
		and Cor	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Grab/ Comp			60		No			S			ennedy(	ZIP:		lame:	erent)
	D	nner Mc		<b>4</b>		-1	-	-	-			1	# of Cont			Pa	aran	neter	s			Pres. Code		Deogres				
	Date/Time	behring	X	X	×	×	×	×	×	×	×	×				TEX								sources	Midland, Tx 79706	5509 Champions Dr	EOG Resources	James Kennedy
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1	(Signature)	n Thiel			_	_						_												EDD	vel II	ect:	T/PST	
		ke Ath			_				-			_													Reporting:Level II Level III		Program: UST/PST PRP	Work
		ielke@														но	LD					_		ADaPT	Sd		Brow	Order
		)carmo											(0)	NaOH	Zn Ace	Na <sub>2</sub> S <sub>2</sub>	NaHS	H <sub>3</sub> PO <sub>4</sub> : HP	H2S04: H2	HCL: HC	Cool: Cool	None: NO		T	□PST/UST		Brownfields	Work Order Comments
7-1		nares											ample	+Ascon	etate+N	Na2S2O3: NaSO3	NaHSO4: NABIS	HP	H <sub>2</sub>	S	Cool	NO	reserv	Other:	RRP		RRC	ents
7-12-22.	Date/Time	ources.											Sample Comments	NaOH+Ascorbic Acid: SAPC	Zn Acetate+NaOH: Zn	00	SIS		NaOH: Na	HNO3: HN	MeOH: Me	DI Water: H <sub>2</sub> O	Preservative Codes	er.	-		-	
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Work Order No: H222988

Figh.	Relinquished by: (Signature)		0			C.			):	• 7	7//	/21	Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner		22 40 (3) (3-40 (4) 7/11/2022 X		CS-39 (4') 7/11/2022 X	00	CS-38 (4') 7/11/2022 X	437 (3-37 (4) //11/2022 A	11/1 20 00	X Z/ CS-36 (4') 7/11/2022 X		CS-35 (A') 7/1/2022 X	34 CS-34 (4') 7/11/2022 X		22 CS-33 (4') 7/11/2022 X	Z7 CS-32 (4') 7/11/2022 X		21 CS-31 (4') 7/11/2022 X		Sample Identification Date Time Soil Water	I otal Containers: Contracted Lemperature: Contracted	- 2	Vec No M/A Temperature Reading:	Cooler Custody Seals: Yes No (N/A) Correction Factor.	Received Intact (Yes) No Thermometer ID: //	-	Town Block: Van Wint Inc.	PO 井.	Sampler's Name: CCM/AT	Project Location Lea Co, NM Due Date: 24	Project Number: 1073 C Routine Rush		Project Name Rattlesnake Riser Release Turn Around	Phone: 432-813-5347 Email: James	Ully, state zir: Milulariu, 17.73701	Midland TX 70701	Address: 310 West Wall St. Suite 415 Address	Company Name: Carmona Resources Compa	
•													om and Conf		Comp		Comp	T	Comp	COLLIP	1	Comp	T	Comp	Comp	T	Comp	Comp	T		Comp	Grab/	0 0			600	U	W	ND			24HRS			<u>م</u>	Kennedy@eogresources.com	alo cir.	tate 710:	S:	Company Name:	will to: In anteresty
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Comaka Nala	/ Rece	D											iniig@caniionaresources.																																ANALYSIS REQUEST						
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1221 1221	Date/Time	b/Time											63.COIII																			nments			Zn					NaOH: Na	HNO3: HN	MeOH: Me	DI Water: H20		Codes			Level IV	]	uperfund	

# Chain of Custody

Work Order No: H222988

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		OCD: 7/21/2022	T		T	Ť		T					To	Sa	00	Re	1S	PC	Sa	Pro	Pro	Pro	Ph	G	Ad	0	Pr
		Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner	CS-50 (4)	CS-49 (4')	CS-47 (4')	CS-46 (4')	CS-45 (4')	CS-44 (4')	CS-43 (4')	CS-42 (4")	CS-41 (4')	Sample Identification	otal Containers:	Sample Custody Seals	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO#	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone:	City, State ZIP:	Address:	Company Name:	Project Manager.
10	Rel	to Mike Car	(A)	(4 <sup>'</sup> )	( <del>4</del> ')	(4")	(4")	(4")	(4")	(4")	(4")	lification		Is: Yes	S: Yes	6						Rattles	432-813-5347	Midland, TX 79701	310 West W	Carmona Resources	Ashton Thielke
1.	Relinquished by:	mona / Mcar	714410000	7/11/2022	7/11/2022	7/11/2022	7/11/2022	7/11/2022	7/11/2022	7/11/2022	7/11/2022	Date	-	NO MIA		Yes No	Temp Blank:		CCM/AT	Lea Co, NM	1073	Rattlesnake Riser Release	47	79701	310 West Wall St. Suite 4	esources	lke
í	(Signature)	rmona@ca					2	2	2	2	2	Time	Corrected	Temperat	Correction Factor	Thermometer ID:	Yes No					elease			415		
	(e	A reso	< >	× >	××	×	×	×	×	Х	×	Soil	Corrected Temperature:	Temperature Reading:	n Factor:	leter ID:	Wet loe:			Due Date:	Routine	Tu	Ema				
		urces.com										Water	1.5:2	2.12	-0.6	1/3	Yes			24HRS	🖾 Rush	Turn Around	Email: James K	City. State ZIP	Address:	Company Name	Bill to: (if different)
		and C	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Grab/ Comp			0.0		No			RS			(enned)	ZIP:		Name:	ifferent)
	1	onner N	-		-	1	1	1	1	1	4	# of Cont			P	arar	nete	rs			Pres. Code		Kennedy@eogresources.com				
	Date/Time	Moehring	< >	××	×	×	×	×	×	×	X			B	TEX	802	1B						souro	Midlar	5509 (	EOG	James
	me	ng / C	< >	× >	×	×	×	×	×	×	×	TP	H 801	15M	(GR	20 +	DRO	+ M	RO)				es.con	Midland, Tx 79706	5509 Champions Dr	EOG Resources	James Kennedy
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		carmo											NaOH	Zn Ac	Na2S2	NaHS	H <sub>3</sub> PO <sub>4</sub> : HP	H2SO4: H2	HCL: HC	Cool: Cool	None: NO			PST/UST		Brownfields	Work Order Comments
2		monaresources.com, Ashton Thielke Athielke@carmonaresources.com										Sample Comments	+Ascor	Zn Acetate+NaOH: Zn	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> ; NaSO <sub>3</sub>	NaHSO4: NABIS	HP	H2	HC	Cool	NO	reser	Other:	RRP		RRC	ients
12-21	Date	ource										e Com	bic Aci	AOH: 2	SO3	BIS		Na	HN	Me	DI	vative	er.	-			
2133	Date/Time	s.com										ments	NaOH+Ascorbic Acid: SAPC	n				NaOH: Na	HNO3: HN	MeOH: Me	DI Water: H <sub>2</sub> O	Preservative Codes		Level IV		uperfund	
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# **Chain of Custody**

Work Order No: 1722788

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		OCD: 7/21/20	passes and a		1:1 S	7	01		T	S	12	SI		Tot	Sar	Coc	Rec	SA	PO 井	Sar	Pro	Pro	Pro	Phone:	Cit	Ad	Co	Pro
		Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carr	CS-60 (4')	CS-59 (4')	CS-58 (4')	CS-57 (4')	CS-56 (4')	CS-55 (4')	CS-54 (4')	CS-53	CS-52	CS-51	Sample Identification	Total Containers:	Sample Custody Seals	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	井	Sampler's Name:	Project Location	Project Number:	Project Name:	one:	City, State ZIP:	Address:	Company Name:	Project Manager:
())	Reli	to Mike Car	(4")	(4")	(4")	(4")	(4")	(4")	(4")	(4")	(4")	(4")	tification		als: Yes	Y	0						Rattlesr	432-813-5347	Midland, TX 79701	310 West W	Carmona Resources	Ashton Thielke
e es	Relinquished by:	mona / Mcarr	7/11/2022	7/11/2022	7/11/2022	7/11/2022	7/11/2022	7/11/2022	7/11/2022	7/11/2022	7/11/2022	7/11/2022	Date	-	NO NIA	NO NIA	Yes No	Temp Blank:		CCM/AT	Lea Co, NM	1073	Rattlesnake Riser Release	7	79701	310 West Wall St. Suite 415	sources	ke
T	(Signature)	nona@ca											Time	Corrected	Temperatu	Correction Factor	Thermometer ID:	Yes No					lease			15		
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•		irces.com		0									Water	1.5%	2.10	-0.60	1/3	Yes			24HRS	I Rush	Turn Around	Email: James Kennedy@eogresources.com	City. State ZIP	Address:	Company Name	Bill to: (if different)
		and Co	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Grab/ Comp			60		No			ŝ			ennedy(	ZIP:		Name:	ferent)
	D	nner Mo	-	-	-	1	1	-	-	-		1	# of Cont			Pa	aran	nete	rs			Pres. Code		@eogre:				
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3		monaresources.com, Ashton Thielke Athielke@carmonaresources.com											Sam	NaOH+Ascorbic Acid: SAPC	Zn Acetate+NaOH: Zn	Na2S2O3: NaSO3	NaHSO4: NABIS	H <sub>3</sub> PO <sub>4</sub> : HP	H2S04: H2	HCL: HC	Cool: Cool	None: NO	Pres					Work Order Comments
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Released to Imaging: 7/26/2022 11:40:54 AM

# Chain of Custody

Work Order No: H222988

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		Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmon	CS-70 (4')	CS-69 (4')	CS-68 (4')	CS-67 (4')	CS-66 (4')	CS-65 (4')	CS-64 (4')	CS-63 (4')	CS-62 (4')	CS-61 (4')	Sample Identification	Total Containers:	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO井	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone: 4:	City, State ZIP: M	Address: 3	Company Name: C	Project Manager: A	
6 al	Reli	Mike Car		)	)	)	)	)	)	)	)	)	cation		Yes	Yes	0						Rattlesr	432-813-5347	Midland, TX 79701	10 West W	Carmona Resources	Ashton Thielke	
apo	Relinquished by: (Signature)	mona / Mcar	7/11/2022	7/11/2022	7/11/2022	7/11/2022	7/11/2022	7/11/2022	7/11/2022	7/11/2022	7/11/2022	7/11/2022	Date		NO NIA	NO NA	Yes No	Temp Blank:		CCM/AT	Lea Co, NM	1073	Rattlesnake Riser Release	71	79701	310 West Wall St. Suite 415	sources	lke	
	(Signature	mona@ca											Time	Corrected	Tempera	Correction Factor	Thermometer ID:	Yes No					lease			15			
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		Jrces.com											Water	1.5%	2.12	-0.6	1/13	Yes			24HRS	I Rush	Turn Around	James	City, State ZIP	Address:	Company Name	Bill to: (if different)	
•		and Co	Comp	Grab/ Comp	00		00		No			RS			Kennedy@eogresources.com	E ZIP:		Name:	ifferent)										
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2		nares											ample	+Ascon	etate+N	Na2S2O3: NaSO3	NaHSO4: NABIS	HP	H <sub>2</sub>	5	Cool	NO	reserv	Other:	RRP		RRC	ents	Page
12-21	Date	aresources.com, Ashton Thielke Athielke@carmonaresources.com											Sample Comments	bic Acio	Zn Acetate+NaOH: Zn	303	SIS		Na	HN	Me	D	Preservative Codes	er.					7_0
2 3	Date/Time	.com											nents	NaOH+Ascorbic Acid: SAPC	D,				NaOH: Na	HNO3: HN	MeOH: Me	DI Water: H <sub>2</sub> O	Codes		Level IV		uperfund [		of 12
12																						420							2

Chain of Custody

Work Order No: H222988

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		Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring	SW-1 (4')			CS-87 (4')	CS-86 (4')			CS-83 (4')	CS-82 (4')		Sample Identification	Total Containers:	Sample Custody Seals	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO#	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone: 4	City, State ZIP: N	Address:	Company Name: (	Project Manager.
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	Signature	nona@car											Time	Corrected	Temperatu	Correction Factor	Thermometer ID:	Yes No					ease			5		
		monareso	×	×	×	×	×	×	×	×	×	×	Soil	Corrected Temperature:	Temperature Reading:	Factor:	ter ID:	Wet loe:	-		Due Date:	Routine	Tur	Emai				
		irces.com			0	0	0	0			0		Water	1.52	2.10	-0.6	1/3	Yes			24HRS	Rush	Turn Around	Email: James Kennedy@eogresources.com	City. State ZIP	Address:	Company Name	Bill to: (if different)
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·		ycarmo												NaOH	Zn Ac			H <sub>3</sub> PO	H2S04: H2	HCL: HC	Cool:	None: NO		ADaPT	□PST/UST		vnfields	Comn
7.17-1	Da	onaresour											Sample Comments	NaOH+Ascorbic Acid: SAPC	Zn Acetate+NaOH: Zn	Na2S2O3: NaSO3	NaHSO4: NABIS	H <sub>3</sub> PO <sub>4</sub> : HP			Cool: Cool		Preservative Codes	Other:	RRP		SRRC	nents
22-21	Date/Time	tes.com											mments	Icid: SAPC	ł: Zn	3			NaOH: Na	HNO3: HN	MeOH: Me	DI Water: H <sub>2</sub> O	ve Codes		Level IV		uperfund [	

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# Chain of Custody

Released to Imaging: 7/26/2022 11:40:54 AM

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Work Order No:

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# Received by OCD: 7/21/2022 1:11:14 PM



July 13, 2022

ASHTON THIELKE CARMONA RESOURCES 310 W WALL ST SUITE 415 MIDLAND, TX 79701

RE: RATTLESNAKE RISER RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 07/12/22 13:37.

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 <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: SW - 2 (4') (H222989-01)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.91	95.3	2.00	11.9	
Toluene*	<0.050	0.050	07/13/2022	ND	2.09	105	2.00	12.6	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.18	109	2.00	12.4	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.65	111	6.00	12.6	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2022	ND	217	108	200	2.72	
DRO >C10-C28*	<10.0	10.0	07/12/2022	ND	203	102	200	7.74	
EXT DRO >C28-C36	<10.0	10.0	07/12/2022	ND					
Surrogate: 1-Chlorooctane	76.9	% 43-149	)						
Surrogate: 1-Chlorooctadecane	83.3	% 42.5-16	1						

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# \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: SW - 3 (4') (H222989-02)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.91	95.3	2.00	11.9	
Toluene*	<0.050	0.050	07/13/2022	ND	2.09	105	2.00	12.6	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.18	109	2.00	12.4	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.65	111	6.00	12.6	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2022	ND	217	108	200	2.72	
DRO >C10-C28*	<10.0	10.0	07/12/2022	ND	203	102	200	7.74	
EXT DRO >C28-C36	<10.0	10.0	07/12/2022	ND					
Surrogate: 1-Chlorooctane	77.2	% 43-149	)						
Surrogate: 1-Chlorooctadecane	83.1	% 42.5-16	1						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: SW - 4 (4') (H222989-03)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.91	95.3	2.00	11.9	
Toluene*	<0.050	0.050	07/13/2022	ND	2.09	105	2.00	12.6	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.18	109	2.00	12.4	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.65	111	6.00	12.6	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	217	108	200	2.72	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	203	102	200	7.74	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	77.4	% 43-149	)						
Surrogate: 1-Chlorooctadecane	81.8	% 42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: SW - 5 (4') (H222989-04)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.91	95.3	2.00	11.9	
Toluene*	<0.050	0.050	07/13/2022	ND	2.09	105	2.00	12.6	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.18	109	2.00	12.4	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.65	111	6.00	12.6	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	217	108	200	2.72	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	203	102	200	7.74	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	75.5	% 43-149	)						
Surrogate: 1-Chlorooctadecane	82.1	% 42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: SW - 6 (4') (H222989-05)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.91	95.3	2.00	11.9	
Toluene*	<0.050	0.050	07/13/2022	ND	2.09	105	2.00	12.6	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.18	109	2.00	12.4	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.65	111	6.00	12.6	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	217	108	200	2.72	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	203	102	200	7.74	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	82.7	% 43-149	)						
Surrogate: 1-Chlorooctadecane	90.6	% 42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: SW - 7 (4') (H222989-06)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.91	95.3	2.00	11.9	
Toluene*	<0.050	0.050	07/13/2022	ND	2.09	105	2.00	12.6	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.18	109	2.00	12.4	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.65	111	6.00	12.6	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	217	108	200	2.72	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	203	102	200	7.74	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	82.1	% 43-149	)						
Surrogate: 1-Chlorooctadecane	88.7	% 42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: SW - 8 (4') (H222989-07)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.91	95.3	2.00	11.9	
Toluene*	<0.050	0.050	07/13/2022	ND	2.09	105	2.00	12.6	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.18	109	2.00	12.4	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.65	111	6.00	12.6	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	217	108	200	2.72	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	203	102	200	7.74	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	82.4	% 43-149	)						
Surrogate: 1-Chlorooctadecane	91.0	% 42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: SW - 9 (4') (H222989-08)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.91	95.3	2.00	11.9	
Toluene*	<0.050	0.050	07/13/2022	ND	2.09	105	2.00	12.6	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.18	109	2.00	12.4	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.65	111	6.00	12.6	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	07/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	217	108	200	2.72	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	203	102	200	7.74	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	86.7	% 43-149	)						
Surrogate: 1-Chlorooctadecane	91.4	% 42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: SW - 10 (4') (H222989-09)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.91	95.3	2.00	11.9	
Toluene*	<0.050	0.050	07/13/2022	ND	2.09	105	2.00	12.6	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.18	109	2.00	12.4	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.65	111	6.00	12.6	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	07/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	217	108	200	2.72	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	203	102	200	7.74	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	83.7 9	% 43-149	1						
Surrogate: 1-Chlorooctadecane	93.4 9	42.5-16	1						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: SW - 11 (4') (H222989-10)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.91	95.3	2.00	11.9	
Toluene*	<0.050	0.050	07/13/2022	ND	2.09	105	2.00	12.6	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.18	109	2.00	12.4	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.65	111	6.00	12.6	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	07/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	217	108	200	2.72	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	203	102	200	7.74	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	83.4	% 43-149	)						
Surrogate: 1-Chlorooctadecane	93.6	% 42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: SW - 12 (4') (H222989-11)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.91	95.3	2.00	11.9	
Toluene*	<0.050	0.050	07/13/2022	ND	2.09	105	2.00	12.6	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.18	109	2.00	12.4	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.65	111	6.00	12.6	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	07/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	217	108	200	2.72	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	203	102	200	7.74	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	96.1	% 43-149	)						
Surrogate: 1-Chlorooctadecane	107 9	% 42.5-16							

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: SW - 13 (4') (H222989-12)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.91	95.3	2.00	11.9	
Toluene*	<0.050	0.050	07/13/2022	ND	2.09	105	2.00	12.6	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.18	109	2.00	12.4	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.65	111	6.00	12.6	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	07/13/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	217	108	200	2.72	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	203	102	200	7.74	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	92.2	% 43-149	)						
Surrogate: 1-Chlorooctadecane	103	% 42.5-16	1						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: SW - 14 (4') (H222989-13)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.91	95.3	2.00	11.9	
Toluene*	<0.050	0.050	07/13/2022	ND	2.09	105	2.00	12.6	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.18	109	2.00	12.4	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.65	111	6.00	12.6	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	07/13/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	217	108	200	2.72	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	203	102	200	7.74	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	101 9	% 43-149	)						
Surrogate: 1-Chlorooctadecane	110 9	42.5-16	1						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: SW - 15 (4') (H222989-14)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.91	95.3	2.00	11.9	
Toluene*	<0.050	0.050	07/13/2022	ND	2.09	105	2.00	12.6	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.18	109	2.00	12.4	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.65	111	6.00	12.6	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	07/13/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	217	108	200	2.72	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	203	102	200	7.74	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	91.4	% 43-149	)						
Surrogate: 1-Chlorooctadecane	100 9	42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: SW - 16 (4') (H222989-15)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.91	95.3	2.00	11.9	
Toluene*	<0.050	0.050	07/13/2022	ND	2.09	105	2.00	12.6	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.18	109	2.00	12.4	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.65	111	6.00	12.6	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	07/13/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	217	108	200	2.72	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	203	102	200	7.74	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	93.8	% 43-149	)						
Surrogate: 1-Chlorooctadecane	105 9	% 42.5-16	1						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: SW - 17 (4') (H222989-16)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2022	ND	1.78	89.0	2.00	8.03	QM-07
Toluene*	<0.050	0.050	07/12/2022	ND	2.07	104	2.00	5.45	
Ethylbenzene*	<0.050	0.050	07/12/2022	ND	2.09	105	2.00	6.85	
Total Xylenes*	<0.150	0.150	07/12/2022	ND	6.63	111	6.00	7.30	
Total BTEX	<0.300	0.300	07/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	07/13/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	217	108	200	2.72	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	203	102	200	7.74	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	90.6	% 43-149	)						
Surrogate: 1-Chlorooctadecane	102 9	% 42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: SW - 18 (4') (H222989-17)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2022	ND	1.78	89.0	2.00	8.03	
Toluene*	<0.050	0.050	07/12/2022	ND	2.07	104	2.00	5.45	
Ethylbenzene*	<0.050	0.050	07/12/2022	ND	2.09	105	2.00	6.85	
Total Xylenes*	<0.150	0.150	07/12/2022	ND	6.63	111	6.00	7.30	
Total BTEX	<0.300	0.300	07/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	07/13/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	217	108	200	2.72	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	203	102	200	7.74	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	82.5	% 43-149	)						
Surrogate: 1-Chlorooctadecane	89.6	% 42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

# Sample ID: SW - 19 (4') (H222989-18)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2022	ND	1.78	89.0	2.00	8.03	
Toluene*	<0.050	0.050	07/12/2022	ND	2.07	104	2.00	5.45	
Ethylbenzene*	<0.050	0.050	07/12/2022	ND	2.09	105	2.00	6.85	
Total Xylenes*	<0.150	0.150	07/12/2022	ND	6.63	111	6.00	7.30	
Total BTEX	<0.300	0.300	07/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	07/13/2022	ND	416	104	400	3.77	
TPH 8015M	015M mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	217	108	200	2.72	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	203	102	200	7.74	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	88.8	% 43-149	)						
Surrogate: 1-Chlorooctadecane	95.7	% 42.5-16	1						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

### Sample ID: SW - 20 (4') (H222989-19)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2022	ND	1.78	89.0	2.00	8.03	
Toluene*	<0.050	0.050	07/12/2022	ND	2.07	104	2.00	5.45	
Ethylbenzene*	<0.050	0.050	07/12/2022	ND	2.09	105	2.00	6.85	
Total Xylenes*	<0.150	0.150	07/12/2022	ND	6.63	111	6.00	7.30	
Total BTEX	<0.300	0.300	07/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	07/13/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	217	108	200	2.72	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	203	102	200	7.74	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	100	% 43-149	)						
Surrogate: 1-Chlorooctadecane	108	% 42.5-16	1						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

### Sample ID: SW - 21 (4') (H222989-20)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2022	ND	1.78	89.0	2.00	8.03	
Toluene*	<0.050	0.050	07/12/2022	ND	2.07	104	2.00	5.45	
Ethylbenzene*	<0.050	0.050	07/12/2022	ND	2.09	105	2.00	6.85	
Total Xylenes*	<0.150	0.150	07/12/2022	ND	6.63	111	6.00	7.30	
Total BTEX	<0.300	0.300	07/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	07/13/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	217	108	200	2.72	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	203	102	200	7.74	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	110 9	% 43-149	)						
Surrogate: 1-Chlorooctadecane	122	% 42.5-16	1						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

### Sample ID: SW - 22 (4') (H222989-21)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2022	ND	1.78	89.0	2.00	8.03	
Toluene*	<0.050	0.050	07/12/2022	ND	2.07	104	2.00	5.45	
Ethylbenzene*	<0.050	0.050	07/12/2022	ND	2.09	105	2.00	6.85	
Total Xylenes*	<0.150	0.150	07/12/2022	ND	6.63	111	6.00	7.30	
Total BTEX	<0.300	0.300	07/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	07/13/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2022	ND	208	104	200	3.38	
DRO >C10-C28*	<10.0	10.0	07/12/2022	ND	199	99.6	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	07/12/2022	ND					
Surrogate: 1-Chlorooctane	99.1	% 43-149	)						
Surrogate: 1-Chlorooctadecane	111 9	% 42.5-16							

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

### Sample ID: SW - 23 (4') (H222989-22)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2022	ND	1.78	89.0	2.00	8.03	
Toluene*	<0.050	0.050	07/12/2022	ND	2.07	104	2.00	5.45	
Ethylbenzene*	<0.050	0.050	07/12/2022	ND	2.09	105	2.00	6.85	
Total Xylenes*	<0.150	0.150	07/12/2022	ND	6.63	111	6.00	7.30	
Total BTEX	<0.300	0.300	07/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	07/13/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2022	ND	208	104	200	3.38	
DRO >C10-C28*	<10.0	10.0	07/12/2022	ND	199	99.6	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	07/12/2022	ND					
Surrogate: 1-Chlorooctane	97.9	% 43-149	)						
Surrogate: 1-Chlorooctadecane	106 9	% 42.5-16	1						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

### Sample ID: SW - 24 (4') (H222989-23)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2022	ND	1.78	89.0	2.00	8.03	
Toluene*	<0.050	0.050	07/12/2022	ND	2.07	104	2.00	5.45	
Ethylbenzene*	<0.050	0.050	07/12/2022	ND	2.09	105	2.00	6.85	
Total Xylenes*	<0.150	0.150	07/12/2022	ND	6.63	111	6.00	7.30	
Total BTEX	<0.300	0.300	07/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	07/13/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	208	104	200	3.38	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	199	99.6	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	99.6	% 43-149	)						
Surrogate: 1-Chlorooctadecane	110 9	% 42.5-16	1						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

### Sample ID: SW - 25 (4') (H222989-24)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.78	89.0	2.00	8.03	
Toluene*	<0.050	0.050	07/13/2022	ND	2.07	104	2.00	5.45	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.09	105	2.00	6.85	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.63	111	6.00	7.30	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	07/13/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	208	104	200	3.38	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	199	99.6	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	108 9	% 43-149							
Surrogate: 1-Chlorooctadecane	120 9	42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

### Sample ID: SW - 26 (4') (H222989-25)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.78	89.0	2.00	8.03	
Toluene*	<0.050	0.050	07/13/2022	ND	2.07	104	2.00	5.45	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.09	105	2.00	6.85	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.63	111	6.00	7.30	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	07/13/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	208	104	200	3.38	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	199	99.6	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	84.6	% 43-149	)						
Surrogate: 1-Chlorooctadecane	92.6	% 42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

### Sample ID: SW - 27 (4') (H222989-26)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.78	89.0	2.00	8.03	
Toluene*	<0.050	0.050	07/13/2022	ND	2.07	104	2.00	5.45	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.09	105	2.00	6.85	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.63	111	6.00	7.30	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	07/13/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	208	104	200	3.38	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	199	99.6	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	100 \$	% 43-149	)						
Surrogate: 1-Chlorooctadecane	110 9	% 42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

### Sample ID: SW - 28 (4') (H222989-27)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.78	89.0	2.00	8.03	
Toluene*	<0.050	0.050	07/13/2022	ND	2.07	104	2.00	5.45	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.09	105	2.00	6.85	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.63	111	6.00	7.30	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	07/13/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	208	104	200	3.38	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	199	99.6	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	95.5	% 43-149							
Surrogate: 1-Chlorooctadecane	104 9	42.5-16	1						

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Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

### Sample ID: SW - 29 (4') (H222989-28)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.78	89.0	2.00	8.03	
Toluene*	<0.050	0.050	07/13/2022	ND	2.07	104	2.00	5.45	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.09	105	2.00	6.85	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.63	111	6.00	7.30	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	07/13/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	208	104	200	3.38	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	199	99.6	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	90.9	% 43-149	)						
Surrogate: 1-Chlorooctadecane	100 9	% 42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

### Sample ID: SW - 30 (4') (H222989-29)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.78	89.0	2.00	8.03	
Toluene*	<0.050	0.050	07/13/2022	ND	2.07	104	2.00	5.45	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.09	105	2.00	6.85	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.63	111	6.00	7.30	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	07/13/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	208	104	200	3.38	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	199	99.6	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	90.1	% 43-149	1						
Surrogate: 1-Chlorooctadecane	99.1	42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

### Sample ID: SW - 31 (4') (H222989-30)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.78	89.0	2.00	8.03	
Toluene*	<0.050	0.050	07/13/2022	ND	2.07	104	2.00	5.45	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.09	105	2.00	6.85	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.63	111	6.00	7.30	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/13/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	208	104	200	3.38	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	199	99.6	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	85.4	% 43-149	)						
Surrogate: 1-Chlorooctadecane	95.5	% 42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

### Sample ID: SW - 32 (4') (H222989-31)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.91	95.3	2.00	11.9	
Toluene*	<0.050	0.050	07/13/2022	ND	2.09	105	2.00	12.6	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.18	109	2.00	12.4	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.65	111	6.00	12.6	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/13/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	208	104	200	3.38	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	199	99.6	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	82.5	% 43-149	)						
Surrogate: 1-Chlorooctadecane	89.0	% 42.5-16	1						

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Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

### Sample ID: CS - 71 (4') (H222989-32)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.78	89.0	2.00	8.03	
Toluene*	<0.050	0.050	07/13/2022	ND	2.07	104	2.00	5.45	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.09	105	2.00	6.85	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.63	111	6.00	7.30	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	992	16.0	07/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	208	104	200	3.38	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	199	99.6	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	89.5	% 43-149	)						
Surrogate: 1-Chlorooctadecane	98.0	% 42.5-16	1						

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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

### Sample ID: CS - 72 (4') (H222989-33)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.78	89.0	2.00	8.03	
Toluene*	<0.050	0.050	07/13/2022	ND	2.07	104	2.00	5.45	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.09	105	2.00	6.85	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.63	111	6.00	7.30	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	07/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	208	104	200	3.38	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	199	99.6	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	104 9	% 43-149	)						
Surrogate: 1-Chlorooctadecane	114 9	42.5-16	1						

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

### Sample ID: CS - 73 (4') (H222989-34)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.78	89.0	2.00	8.03	
Toluene*	<0.050	0.050	07/13/2022	ND	2.07	104	2.00	5.45	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.09	105	2.00	6.85	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.63	111	6.00	7.30	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	768	16.0	07/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	208	104	200	3.38	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	199	99.6	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	87.8	% 43-149	)						
Surrogate: 1-Chlorooctadecane	95.2	% 42.5-16	1						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

### Sample ID: CS - 74 (4') (H222989-35)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.78	89.0	2.00	8.03	
Toluene*	<0.050	0.050	07/13/2022	ND	2.07	104	2.00	5.45	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.09	105	2.00	6.85	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.63	111	6.00	7.30	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	07/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	208	104	200	3.38	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	199	99.6	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	88.2	% 43-149	)						
Surrogate: 1-Chlorooctadecane	96.2	% 42.5-16	1						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

### Sample ID: CS - 75 (4') (H222989-36)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/13/2022	ND	1.78	89.0	2.00	8.03	
Toluene*	<0.050	0.050	07/13/2022	ND	2.07	104	2.00	5.45	
Ethylbenzene*	<0.050	0.050	07/13/2022	ND	2.09	105	2.00	6.85	
Total Xylenes*	<0.150	0.150	07/13/2022	ND	6.63	111	6.00	7.30	
Total BTEX	<0.300	0.300	07/13/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	07/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	208	104	200	3.38	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	199	99.6	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	106 %	6 43-149							
Surrogate: 1-Chlorooctadecane	117 %	6 42.5-16	1						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

### Sample ID: CS - 76 (4') (H222989-37)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2022	ND	1.79	89.3	2.00	5.65	
Toluene*	<0.050	0.050	07/12/2022	ND	2.14	107	2.00	8.25	
Ethylbenzene*	<0.050	0.050	07/12/2022	ND	2.13	106	2.00	8.02	
Total Xylenes*	<0.150	0.150	07/12/2022	ND	6.83	114	6.00	10.2	
Total BTEX	<0.300	0.300	07/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	07/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	208	104	200	3.38	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	199	99.6	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	89.6	% 43-149	)						
Surrogate: 1-Chlorooctadecane	97.3 9	42.5-16	1						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

### Sample ID: CS - 77 (4') (H222989-38)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2022	ND	1.79	89.3	2.00	5.65	
Toluene*	<0.050	0.050	07/12/2022	ND	2.14	107	2.00	8.25	
Ethylbenzene*	<0.050	0.050	07/12/2022	ND	2.13	106	2.00	8.02	
Total Xylenes*	<0.150	0.150	07/12/2022	ND	6.83	114	6.00	10.2	
Total BTEX	<0.300	0.300	07/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	07/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	208	104	200	3.38	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	199	99.6	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	93.3	% 43-149	1						
Surrogate: 1-Chlorooctadecane	102 9	42.5-16	1						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

### Sample ID: CS - 78 (4') (H222989-39)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2022	ND	1.79	89.3	2.00	5.65	
Toluene*	<0.050	0.050	07/12/2022	ND	2.14	107	2.00	8.25	
Ethylbenzene*	<0.050	0.050	07/12/2022	ND	2.13	106	2.00	8.02	
Total Xylenes*	<0.150	0.150	07/12/2022	ND	6.83	114	6.00	10.2	
Total BTEX	<0.300	0.300	07/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	896	16.0	07/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	208	104	200	3.38	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	199	99.6	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	95.3	% 43-149	)						
Surrogate: 1-Chlorooctadecane	105 9	% 42.5-16	1						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

### Sample ID: CS - 79 (4') (H222989-40)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2022	ND	1.79	89.3	2.00	5.65	
Toluene*	<0.050	0.050	07/12/2022	ND	2.14	107	2.00	8.25	
Ethylbenzene*	<0.050	0.050	07/12/2022	ND	2.13	106	2.00	8.02	
Total Xylenes*	<0.150	0.150	07/12/2022	ND	6.83	114	6.00	10.2	
Total BTEX	<0.300	0.300	07/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	07/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/13/2022	ND	208	104	200	3.38	
DRO >C10-C28*	<10.0	10.0	07/13/2022	ND	199	99.6	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	07/13/2022	ND					
Surrogate: 1-Chlorooctane	91.4	% 43-149	)						
Surrogate: 1-Chlorooctadecane	101 9	% 42.5-16	1						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	07/12/2022	Sampling Date:	07/11/2022
Reported:	07/13/2022	Sampling Type:	Soil
Project Name:	RATTLESNAKE RISER RELEASE	Sampling Condition:	Cool & Intact
Project Number:	1073	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

### Sample ID: CS - 80 (4') (H222989-41)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/12/2022	ND	1.79	89.3	2.00	5.65	
Toluene*	<0.050	0.050	07/12/2022	ND	2.14	107	2.00	8.25	
Ethylbenzene*	<0.050	0.050	07/12/2022	ND	2.13	106	2.00	8.02	
Total Xylenes*	<0.150	0.150	07/12/2022	ND	6.83	114	6.00	10.2	
Total BTEX	<0.300	0.300	07/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	07/13/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2022	ND	197	98.4	200	5.81	
DRO >C10-C28*	<10.0	10.0	07/12/2022	ND	175	87.6	200	16.0	
EXT DRO >C28-C36	<10.0	10.0	07/12/2022	ND					
Surrogate: 1-Chlorooctane	84.1	% 43-149	)						
Surrogate: 1-Chlorooctadecane	98.6	42.5-16	1						

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



### **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.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

### **Cardinal Laboratories**

### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

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Page 44 of 48

## Received by OCD: 7/21/2022 1:11:14 PM

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Bit by seawed         Junes Kennedy         Work Order Comments         Work Order Comments           5         Company Name         EGG Resources         Sea Company Name         Sea Company Name <td></td> <td>mona / Mcar</td> <td></td> <td>7/11/2022</td> <td>Date</td> <td>~</td> <td>(</td> <td></td> <td></td> <td>-</td> <td>tp Blank:</td> <td></td> <td>CCM/AT</td> <td>a Co, NM</td> <td>1073</td> <td>ke Riser Rele</td> <td></td> <td></td> <td>9701</td> <td>I St. Suite 41:</td> <td>ources</td> <td></td>		mona / Mcar		7/11/2022	7/11/2022	7/11/2022	7/11/2022	7/11/2022	7/11/2022	7/11/2022	7/11/2022	7/11/2022	7/11/2022	Date	~	(			-	tp Blank:		CCM/AT	a Co, NM	1073	ke Riser Rele			9701	I St. Suite 41:	ources	
Bill to, indexed         James Kannedy         James Kannedy         Company Name         ECG Resources Gold Champion         Company Name         ECG Resources Gold Champion         Company Name         ECG Resources Gold Champion         Company Name		mona@c	-											TIBLE		Corrected	Temperati	Correction	Thermome	Yes No					ease				5		
Bit to: undervery Company Name         James Komedy ECG Resources         Work Order Comments           Address:         ECG Resources         Figure 100         State of Project: Reporting Level 11         Figure 100         State of Project: Reporting Level 10         State of Project: Report 10         State of Project: Reporting Level 10         State		armonareso		×	×	×	×	×	×	×	×	×	×	OUI	Coil	Temperature:	ure Reading:	Factor:	eter ID:	Wet Ice:			Due Date:	Routine	Turr		Email:				
mm       Lames Kenney       Work Order Comments         nme       EOG Resources       Solo Champions Dr         solo Champions Dr       Solo Champions Dr       Solo Champions Dr         net/viceogresources.com       AMAL YSIS RECUEST       Persource III       Exercising Level IIII       Exercising Level IIII       Exercising Level IIII       Exercising Level IIIIII       Exerci		urces.com		0	0			0	0	0	0	0	0	-		1.850	11.	-0.60	113	-			24HRS	I Rush	Around		James Ken	City, State ZI	Address:	Company Na	Bill to: (if differe
James Kannedy       Work Order Comments         EOG Resources       Forgram: USTPST       Program: UST		and Co		omp	1.11	36. I				9	°				-			inedv@	P		me:	ant)									
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BRC       Luperfund         BRC       Luperfund         RRP       Level IV         Other:       DiWater: H2C         O       DI Water: H2C         O       NeOH: Me         HNO3: HN       NaOH: Na         Ite+NaOH: Zn       NaOH: SAPC         Iscorbic Acid: SAPC       SAPC         mple Comments       Melter			armon												Sa		aOH+A	n Aceta	a, S, O,	aHSO	POLE	2S04: H	CL: HC		nne. Ní	Pro				ins [	Ide T
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	Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and come	SVV-21(4)	CIVI D	SW-20 (4")	SW-19	SW-18 (4")	SW-17 (4')	SW-16 (4')	SW-15	SW-14 (4')	SW-13 (4')	SW-12 (4')	Sample Identification		Total Containers:	Sample Custody Seals	Cooler Custody Seals	Received Intact:	SAMPLE RECEIPT	PO#	Sampler's Name:	Project Location	Project Number:	Project Name:	tione.	Phone:	City, State ZIP:	Address:	Company Name:	Project Manager.	
	iil to Mike Ca	1 (4)	4 / / / /	0 (4')	9 (4')	8 (4")	7 (4")	6 (4")	5 (4°)	4 (4")	3 (4")	2 (4')	ntification			als: Yes	ls: Yes							Rattlesn		432-813-5347	Midland, TX 79701	310 West Wall St. Suite	Carmona Resources	Ashton Thielke	
	irmona / Mica	770711111	CUC/11/12	7/11/2022	7/11/2022	7/11/2022	7/11/2022	7/11/2022	7/11/2022	7/11/2022	7/11/2022	7/11/2022	Date	2		NO (NIA)	NO NIA	Yes No	Temp Blank:		CCM/AT	Lea Co, NM	1073	Rattlesnake Riser Release		7	79701	all St. Suite 415	sources	ke	
	rmona@c	-			2				10	10			IIme	1	Corrected	Temperatu	Correction Factor	Thermometer ID:	Yes No					ease				51			
	armonares	;	×	×	×	×	×	×	×	×	×	×	line	000	Corrected Temperature	Temperature Reading:	Factor.	eter ID:	Wet loe:			Due Date:	Routine	IUT	1	Email:					
													AAGIEI		1.42	2-10	- 0.6 c	1/3	Yes		2	24HRS	Rush	Turn Around		James	City. State ZIP	Address:	Company Name	Bill to: (if different)	
			Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	1220	Grab/	~	0	0		No			S.				Kennedy@eogresources.com	ZIP:		lame:	erent)	
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	-	nonare												Sampl		H+Ascol	cetate+N	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>	NaHSO4: NABIS	H.PO. HP	H	HC	Cool	ON	Preserv		Other	RRP		000	ients
Date	2	sources												Sample Comments		NaOH+Ascorbic Acid: SAPC	Zn Acetate+NaOH: Zn	SO	SIS		NaC	HNO	Mel	DIV	<b>Preservative Codes</b>					_	
Date/Time	1	s.com												nents		SAPC	1				NaOH: Na	HNO3: HN	MeOH- Me	DI Water: H <sub>2</sub> O	odes			Level IV		Inorfund	
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Project Manager: As	Ashton I nieike				Diff (O. (is unserviny	and	7					Program: UST/PST PRP Brownfields RRC	Brownfields RRC	uperfund
Company Name: Ca	Carmona Resources	rces			Company Name	ame.	ŗ	EUG Nesudives	ioni ces			State of Project:		
Address: 31	310 West Wall St. Suite 415	t. Suite 41	0		Address:		55	09 Cha	5509 Champions Dr	Dr			DST/UST TRRP	
te ZIP:	Midland, TX 79701	01			City. State ZIP	IP.	M	idland,	Midland, Tx 79706	0				· .
	432-813-5347			Email:	James Ker	Kennedy@eogresources.com	eogresc	ources.	com					
Namo.	Rattlesnake Riser Release	Riser Rele	ASK	Turn	Turn Around						ANALYSIS REQUEST	EQUEST	Preserv	Preservative Codes
Prior Number	1 Williams	1073		Routine	🖾 Rush		Pres. Code						None: NO	DI Water: H <sub>2</sub> O
Project I ocation	Lea	Lea Co. NM		Due Date:	24HRS				,	-			Cool: Cool	MeOH: Me
Sampler's Name:	CC	CCMIAT							VIRO				H.SO. H	NaOH- Na
PO#				3			ers	2+1					112004.112	
SAMPLE RECEIPT		Temp Blank:	Yes No	Wet loe:	Yes No	0	mete		+ DR				D NaHSO, NABIS	0
Received Intact:		No	Thermometer ID:	eter ID:	113			X 80					HOL Na,S,O; NaSO;	0
Cooler Custody Seals:	Yes No	o NIA	Correction Factor	Factor:	-0.60									aOH: Zn
Sample Custody Seals:	Yes	NO NIA	Temperati	Temperature Reading:	2.10	•	10.5						NaOH+Ascorbic Acid: SAPC	hic Acid: SA
Total Containers:			Corrected	Corrected Temperature:	1.140	C	idu		'H 80					
Sample Identification	fication	Date	Time	Soil	Water	Grab/ Comp	# of Cont						Sample	Sample Comments
SW-22 (4")	4")	7/11/2022		×	0	Comp	-	+	-	-				
SW-23 (4")	4")	7/11/2022		×	0	Comp		-	-					
SW-24 (4')	4°)	7/11/2022		×	0	Comp		-	-	-				
SW-25 (4")	4°)	7/11/2022		×	0	Comp		-	-	+				
SW-26 (4')	4")	7/11/2022		X	0	Comp		×	××					
	4")	7/11/2022		×	0	Comp	-	-	××					
27 SW-28 (4")	4°)	7/11/2022		×		Comp		-	-	-				
SW-29 (4')	(4")	7/11/2022		×	0	Comp		×	-					
SW-30 (4')	(4")	7/11/2022		×	0	Comp		×	-					
SW-31 (4')	(4')	7/11/2022		×		Comp		×	XXX	-				
Comments: Email t	Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmo	ona / Mcan	mona@c	armonareso	urces.com	and Co	nner M	oehrin	g / Cm	oehrin	g@carmonaresour	naresources.com, Ashton Thielke Athielke@carmonaresources.com	thielke@carmonares	ources.co
						-				the second se		Received by: (Signature)		

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Work Order No: H22

**Chain of Custody** 

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Page 207 of 210

Comments: Email to	ns- 19	24-24 02	12-17	20 00 100	(25-7	(12-7	CS-72	32 CS-71 (	SW-32 (4')	Sample Identification	Total Containers:	Sample Custody Seals	Cooler Custody Seals	Received Intact:	SAMPLE RECEIPT	PO#	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone: 4	City, State ZIP: 1	Address: 3	Company Name: 0	Project Manager.
Mike	(4) 4	14/ 4/	3	141 (41)		(4) []	(4) (+)	4) 11		tification	-	Is: Yes No	S: Yes No	(Yes) N	Temp Blank:		CCMIAT	Lea Co, NM	1073	Rattlesnake Riser Release	432-813-5347	Midland, TX 79701	310 West Wall St. Suite 415	Carmona Resources	Ashton Thielke
hed	1/202	1/2022	1/ horz		11000	11/2024	11/2022	1/11/2022	7/11/2022	Date Time	Corre	WA Tem	NIA Corre	No Then	Yes	-	/AT	, NM	3 J	iser Release			Suite 415	S.	
a@carmonare nature)	X	X	~	~	XX	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		×	. ×	60	Corrected Temperature	Temperature Reading:	Correction Factor	Thermometer ID:	No Wet Ice:			Due Date:	C Routine	1	Ema				
carmona@carmonaresources.com and by: (Signature)	1	2	50	2	der la	200	may and	200	> 0	Water Co	cent 1	e.	-0.60	c//	Yes No		7	24HRS	I Rush	Turn Around	Email: James Ken	City. State ZIP	Address:	Company Name	Bill to: (if different)
	mag 1	mp 1	nul 1	mo 1	1 Chines	1 Unic	- No	Comp 1	Comp 1			10	F	Para	met	ers			Code	Drac	Kennedy@eogresources.com			ne:	11)
Date/Time	V	7	7	7	7.	7	7	7	>	<			BTE						•	-	Iresources	Midiand	5509 Ch	EOG Resources	James Kennedy
me Comoen	HH	4	1	1	T	1	17	1	>		PH 8				+ DR 4500		MRC	)			5. COM	Midland, IX /9/06	5509 Champions Ur	sources	lennedy
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Received													-							ALYSIS REQUEST		Deliv	Repo	State	
Received by; (Signature)																	·	1		_		Deliverables: EDD	Reporting:Level II Level III	State of Project:	107
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										Samp	,	NaOH+Asc	Zn Acetate+NaOH: Zn	Na,S,O3: NaSO3	NaHSOA: NABIS		H-SO4: H-	HCI - HC	NOIR. NO	Nono- NO	10020		UST RRP		Work Urder Comments
Conner Moehring / Cmoehring@carmonaresources.com, Assiver mission and a contract of the Date/Time Date/Time Received by; (Signature) Date/Time 1/1/2/22 12										Sample Comments		NaOH+Ascorbic Acid: SAPC	NaOH: Zn	aSO3	ABIS		NaOH: Na	HNO HN		N Water H_O	Procervative Codes		RP Level IV		PC Dinerfund

# **Chain of Custody**

Work Order No: H222989

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Sample: Project Phone a City: Project Compar Project Project Addres

Laboratorie	oratories		CHAIN-OF-CUSTODY AND ANALYSIS REQUEST
101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	bbs, NM 88240 ( (575) 393-2476		
ny Name: Armonc	Kilsources	BILL TO	ANALYSIS REQUEST
Ash-	Thie	P.O. #:	
		Company:	
	State: Zip:	Attn:	
<b>#</b>	Fax #:	Address:	
6701	Project Owner:	City:	
ime: Battlesu	athe Riser Kelense	State: Zip:	
Location: Rua Co	un	Phone #:	
r Name: (ICW2)	14th	Fax #:	
USE ONLY	MATRIX	PRESERV. SAMPLING	
I.D. Sample I.D.	G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER : ACID/BASE: ICE / COOL OTHER :	TIME BTEX
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I claims including those for negligence and any other can o event shall Cardinal be liable for incidental or consequencessors arising out of or related to the performance of	I claims including those for negligence and any other cause whatsoever shall be centred warve universe in universe in universe or your or other the stabilitaries, no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or it loss of profits incurred by client, its subsidiaries, successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	in a recovery of constant incurred by client, its subsi- s, loss of use, or loss of profits incurred by client, its subsi- im is based upon any of the above stated reasons of othe	
uished By:	Date: Received By:	laffor	Verbal Result: U Yes U NO Add Fritoire #: All Results are emailed. Please provide Email address: REMARKS:
	Time:	(	
	Observed Temp. °C <i>A,1</i> Sample Condition	1 CHECKED BY: (Initials)	Standard Bacteria (only) S Rush Cool Intact
er - UPS - Bus - Other: Cor	Corrected Temp. °C / S S Yes S	4	Correction Factor -0.6°C 34MPC INCI No Corrected Temp. °C

No No

# Page 209 of 210

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

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

District III

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

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

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

CONDITIONS

Operator:	OGRID:
EOG RESOURCES INC	7377
P.O. Box 2267	Action Number:
Midland, TX 79702	127812
	Action Type:
	[C-141] Release Corrective Action (C-141)
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### CONDITIONS

Created By		Condition Date
jnobui	Closure Report Approved.	7/26/2022

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Action 127812

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