



## SITE INFORMATION

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**Closure Report**  
**Cranberry BSU State Com #005H**  
**Incident ID: nAPP2528757665**  
**Lea County, New Mexico**  
**Unit A Sec 14 T21S R33E**  
**32.486086°, -103.536739°**

### **Crude Oil & Produced Water Release**

**Point of Release: Corrosion**

**Release Date: 10/13/2025**

**Volume Released: 15 Barrels of Crude Oil & 63 Barrels of Produced Water**

**Volume Recovered: 15 Barrels of Crude Oil & 15 Barrels of Produced Water**

**CARMONA RESOURCES**



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

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

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February 6, 2026

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

**Re: Closure Report  
Cranberry BSU State Com #005H  
EOG Resources, Inc  
Incident # nAPP2528757665  
Site Location: Unit A, S14, T21S, R33E  
(Lat 32.486086°, Long -103.536739°)  
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 activities for the Cranberry BSU State Com #005H. The site is located at 32.486086°, -103.536739° within Unit A, S14, T21S, R33E, in Lea County, New Mexico (Figures 1 and 2).

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

Based on the Notification of Release obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on October 13, 2025, caused by corrosion on a flowline. It resulted in the release of fifteen (15) barrels of crude oil and sixty-three (63) barrels of produced water, with fifteen (15) barrels of crude oil and fifteen (15) barrels of produced water recovered. Refer to Figure 3. The Notice of Release and C-141 forms are attached in Appendix C.

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

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no known water sources within a 0.50-mile radius of the location. The nearest identified well is located approximately 0.52 miles West of the site in S11, T21S, R33E, and was drilled in 1991. The well has a reported depth to groundwater of 135.65' below ground surface (ft bgs). A copy of the associated Summary report is attached in Appendix D.

### **3.0 NMAC Regulatory Criteria**

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

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

### **4.0 Site Assessment Activities**

#### **Initial Assessment**

On October 31, 2025, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of six (6) sample points (S-1 through S-6) and six (6) horizontal samples (H-1 through H-6) were advanced to depths ranging from the surface to 4' bgs inside and surrounding the release area to assess the vertical and horizontal extent of the contamination. See Figure 3 for the sample locations. For

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chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Cardinal Laboratories in Hobbs, New Mexico. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 4500. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

#### Vertical Delineation

Vertical delineation was achieved for S-1 through S-6. Refer to Table 1 for the analytical results.

#### Horizontal Delineation

All areas were below the regulatory limits for benzene, total BTEX, TPH, and chloride concentrations. Refer to Table 1.

### **5.0 Remediation Activities**

Carmona Resources personnel were on site to guide the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via the NMOCD Portal between December 30, 2025 and January 15, 2026, per Subsection D of 19.15.29.12 NMAC. See Appendix C. A total of thirty-five (35) floor confirmation samples were collected (CS-1 through CS-35), and seventeen (17) sidewall samples (SW-1 through SW-17) 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 for the analytical results.

Once the remediation activities were completed the excavated area was backfilled with clean material to surface grade. The material utilized for backfill was sourced locally. The composite pit sample was analyzed for TPH analysis by EPA method 8015, modified BTEX by method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E.

Approximately 765 cubic yards of material were excavated and transported off-site for proper disposal.

### **6.0 Conclusions**

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

Sincerely,

**Carmona Resources, LLC**

Conner Moehring  
Environmental Manager

Stephen Reyes  
Environmental Engineer

**Table 2**  
**EOG Resources**  
**Cranberry BSU State Com #005H**  
**Lea County, New Mexico**

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	1/2/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-2	1/2/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-3	1/2/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-4	1/2/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-5	1/2/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
CS-6	1/2/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-7	1/2/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	288
CS-8	1/2/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	288
CS-9	1/2/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	288
CS-10	1/2/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304
CS-11	1/2/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304
CS-12	1/20/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-13	1/20/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-14	1/20/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-15	1/20/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-16	1/20/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-17	1/20/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-18	1/20/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
<i>Regulatory Criteria<sup>A</sup></i>						100 mg/kg	50 mg/kg				10 mg/kg	600 mg/kg

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

**Table 2**  
**EOG Resources**  
**Cranberry BSU State Com #005H**  
**Lea County, New Mexico**

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-19	1/20/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-20	1/20/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-21	1/20/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-22	1/20/2026	3'	<10.0	<10.0	<10.0	25.3	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-23	1/20/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-24	1/20/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-25	1/20/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-26	1/20/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-27	1/20/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-28	1/20/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-29	1/20/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-30	1/20/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-31	1/20/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-32	1/20/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-33	1/20/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-34	1/20/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-35	1/20/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
<i>Regulatory Criteria<sup>A</sup></i>						100 mg/kg	50 mg/kg				10 mg/kg	600 mg/kg

(-) Not Analyzed

A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(CS) Confirmation Sample

**Table 2**  
**EOG Resources**  
**Cranberry BSU State Com #005H**  
**Lea County, New Mexico**

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-1	1/2/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
SW-2	1/2/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
SW-3	1/2/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
SW-4	1/2/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
SW-5	1/2/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
SW-6	1/2/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
SW-7	1/2/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
SW-8	1/2/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
SW-9	1/20/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-10	1/20/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-11	1/20/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-12	1/20/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-13	1/20/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-14	1/20/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-15	1/20/2026	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-16	1/20/2026	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-17	1/20/2026	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
Backfill	1/26/2026	-	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	16.0
<i>Regulatory Criteria<sup>A</sup></i>						100 mg/kg	50 mg/kg				10 mg/kg	600 mg/kg

(-) Not Analyzed  
A – Table 1 - 19.15.29 NMAC  
mg/kg - milligram per kilogram  
TPH - Total Petroleum Hydrocarbons  
ft - feet  
(SW) Sidewall Sample

# FIGURES

CARMONA RESOURCES

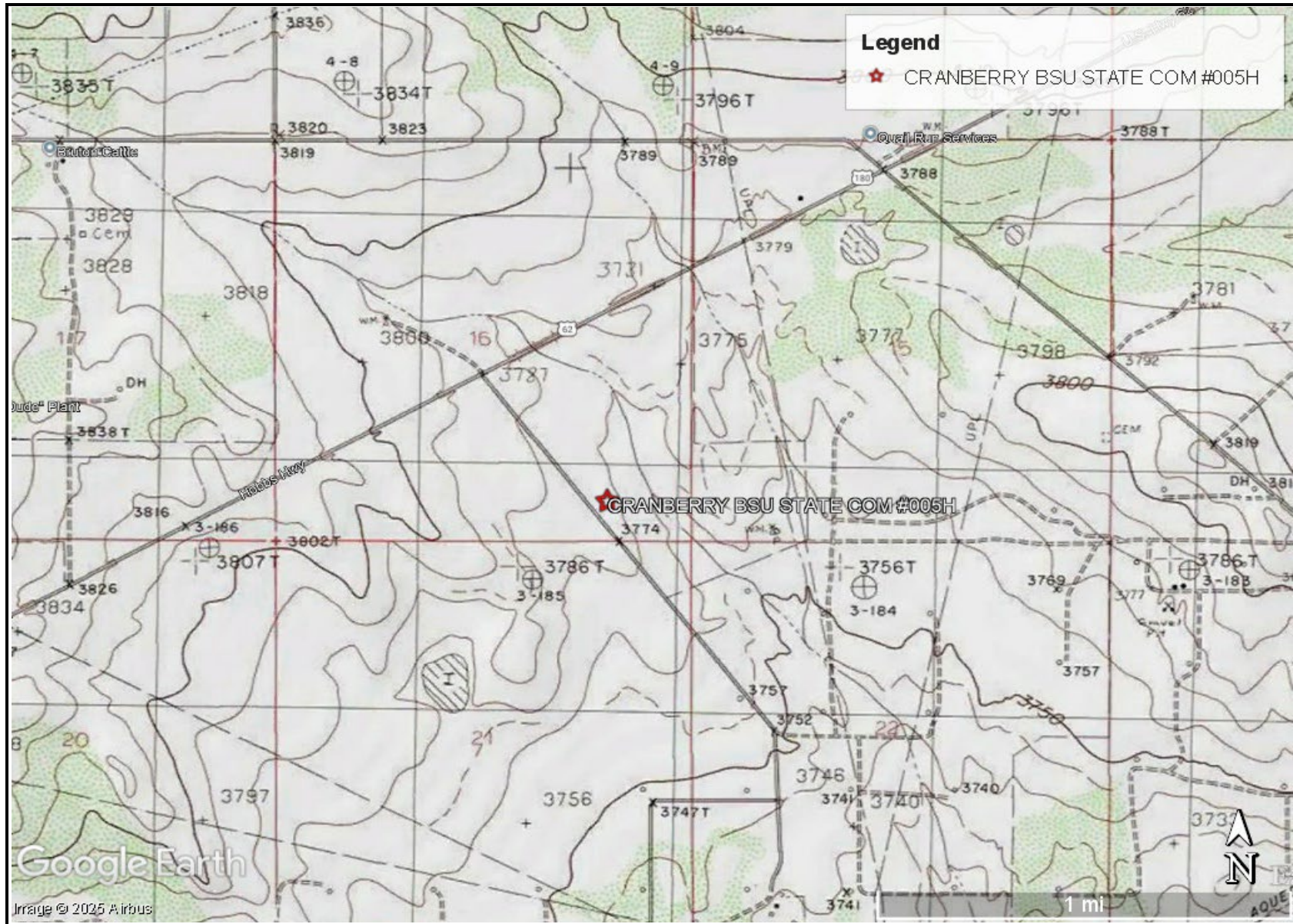




OVERVIEW MAP  
EOG RESOURCES  
CRANBERRY BSU STATE COM #005H  
LEA COUNTY, NEW MEXICO  
32.486048°, -103.536716°



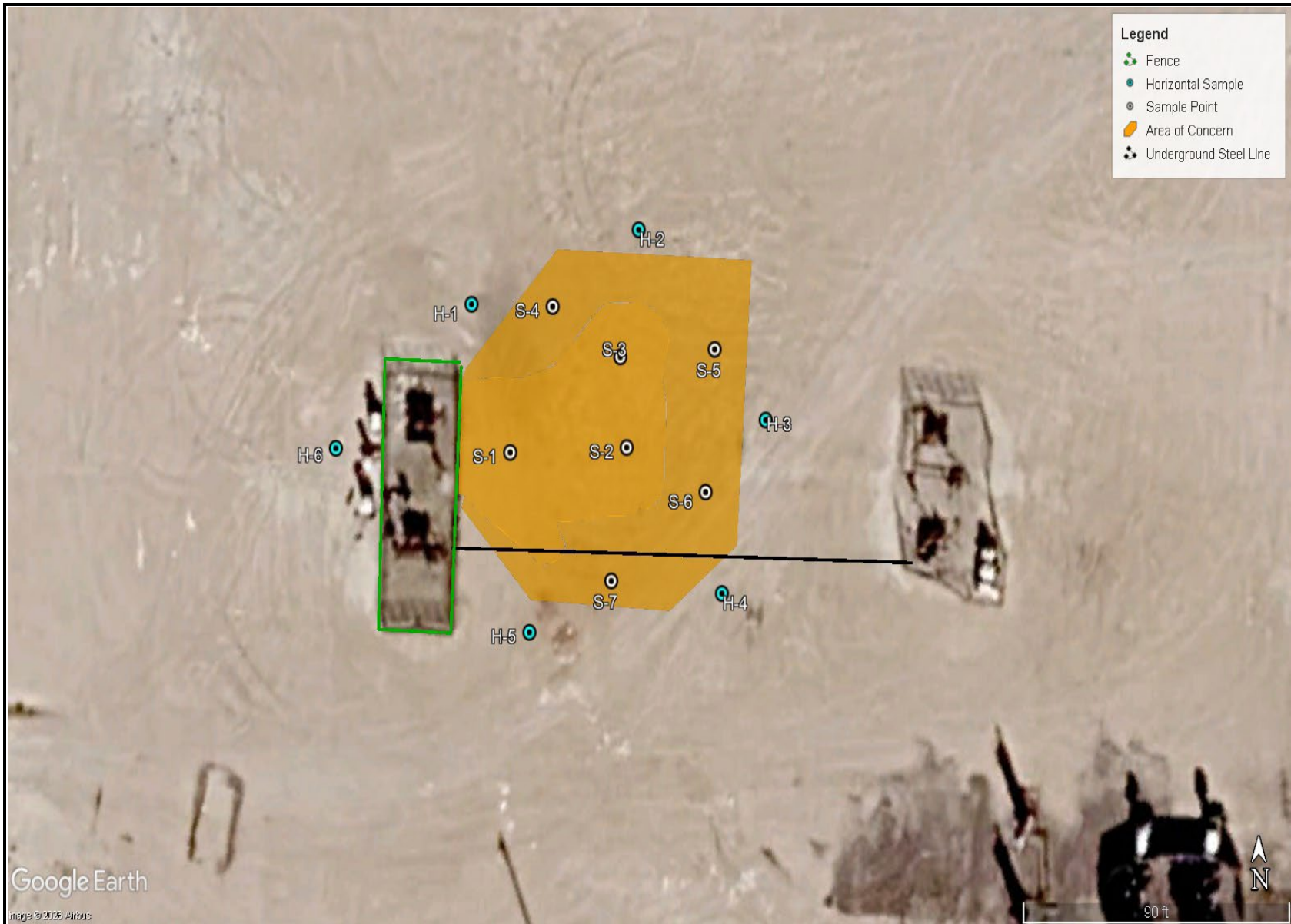
FIGURE 1



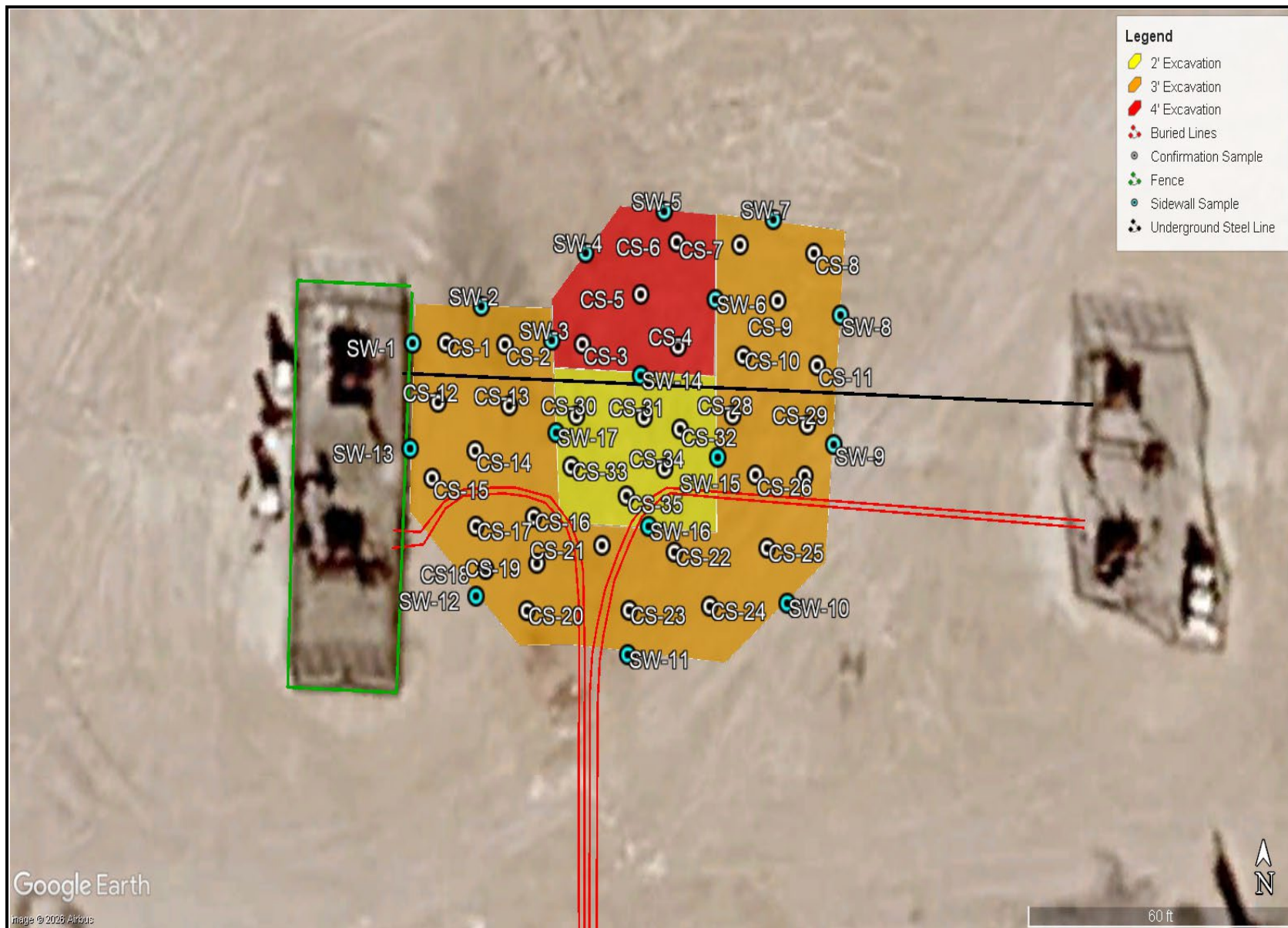
TOPOGRAPHIC MAP  
 EOG RESOURCES  
 CRANBERRY BSU STATE COM #005H  
 LEA COUNTY, NEW MEXICO  
 32.486048°, -103.536716°



FIGURE 2



<p>SAMPLE LOCATION MAP EOG RESOURCES CRANBERRY BSU STATE COM #005H LEA COUNTY, NEW MEXICO 32.486048°, -103.536716°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 3</p>
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<p>EXCAVATION MAP EOG RESOURCES CRANBERRY BSU STATE COM #005H LEA COUNTY, NEW MEXICO 32.486048°, -103.536716°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 4</p>
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# APPENDIX A

CARMONA RESOURCES



**Table 1**  
**EOG Resources**  
**Cranberry BSU State Com #005H**  
**Lea County, New Mexico**

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-1	10/31/2025	0-1'	42.2	<b>3,600</b>	<b>681</b>	<b>4,323.2</b>	<0.050	<0.050	0.171	0.966	1.14	<b>8,000</b>
	"	1.5'	<10.0	<b>281</b>	54.8	<b>335.8</b>	<0.050	<0.050	<0.050	<0.150	<0.300	<b>3,840</b>
	"	2'	<10.0	<b>163</b>	35.9	<b>198.9</b>	<0.050	<0.050	<0.050	<0.150	<0.300	<b>1,740</b>
	"	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
S-2	10/31/2025	0-1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<b>3,440</b>
	"	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<b>1,680</b>
	"	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
	"	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
S-3	10/31/2025	0-1'	<10.0	48.4	<10.0	48.4	<0.050	<0.050	<0.050	<0.150	<0.300	352
	"	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	448
	"	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	416
	"	3'	<10.0	46.3	<10.0	46.3	<0.050	<0.050	<0.050	<0.150	<0.300	<b>832</b>
	"	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
S-4	10/31/2025	0-1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	352
	"	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	368
	"	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
S-5	10/31/2025	0-1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<b>1,140</b>
	"	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<b>768</b>
	"	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<b>1,100</b>
S-6	10/31/2025	0-1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<b>656</b>
	"	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<b>608</b>
	"	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<b>656</b>
	"	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
<i>Regulatory Criteria<sup>A</sup></i>						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed

<sup>A</sup> – Table 1 - 19.15.29 NMAC  
 mg/kg - milligram per kilogram  
 TPH - Total Petroleum Hydrocarbons  
 ft - feet

(S) Sample Point

Removed

**Table 1  
EOG Resources  
Cranberry BSU State Com #005H  
Lea County, New Mexico**

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
H-1	1/2/2026	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	1/2/2026	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	1/2/2026	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	1/2/2026	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	1/2/2026	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	1/2/2026	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
<i>Regulatory Criteria<sup>A</sup></i>						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed

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

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(H) Horizontal Sample

**Table 2**  
**EOG Resources**  
**Cranberry BSU State Com #005H**  
**Lea County, New Mexico**

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	1/2/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-2	1/2/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-3	1/2/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-4	1/2/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-5	1/2/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
CS-6	1/2/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-7	1/2/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	288
CS-8	1/2/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	288
CS-9	1/2/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	288
CS-10	1/2/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304
CS-11	1/2/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304
CS-12	1/20/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-13	1/20/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-14	1/20/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-15	1/20/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-16	1/20/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-17	1/20/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-18	1/20/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
<i>Regulatory Criteria<sup>A</sup></i>						100 mg/kg	50 mg/kg				10 mg/kg	600 mg/kg

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

**Table 2**  
**EOG Resources**  
**Cranberry BSU State Com #005H**  
**Lea County, New Mexico**

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-19	1/20/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-20	1/20/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-21	1/20/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-22	1/20/2026	3'	<10.0	<10.0	<10.0	25.3	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-23	1/20/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-24	1/20/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-25	1/20/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-26	1/20/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-27	1/20/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-28	1/20/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-29	1/20/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-30	1/20/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-31	1/20/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-32	1/20/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-33	1/20/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-34	1/20/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-35	1/20/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
<b>Regulatory Criteria<sup>A</sup></b>						<b>100 mg/kg</b>	<b>50 mg/kg</b>				<b>10 mg/kg</b>	<b>600 mg/kg</b>

(-) Not Analyzed

A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(CS) Confirmation Sample

**Table 2**  
**EOG Resources**  
**Cranberry BSU State Com #005H**  
**Lea County, New Mexico**

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-1	1/2/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
SW-2	1/2/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
SW-3	1/2/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
SW-4	1/2/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
SW-5	1/2/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
SW-6	1/2/2026	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
SW-7	1/2/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
SW-8	1/2/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
SW-9	1/20/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-10	1/20/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-11	1/20/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-12	1/20/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-13	1/20/2026	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-14	1/20/2026	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-15	1/20/2026	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-16	1/20/2026	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-17	1/20/2026	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
Backfill	1/26/2026	-	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	16.0
<i>Regulatory Criteria</i> <sup>A</sup>						100 mg/kg	50 mg/kg				10 mg/kg	600 mg/kg

(-) Not Analyzed  
A – Table 1 - 19.15.29 NMAC  
mg/kg - milligram per kilogram  
TPH - Total Petroleum Hydrocarbons  
ft - feet  
(SW) Sidewall Sample

## APPENDIX B

CARMONA RESOURCES



# PHOTOGRAPHIC LOG

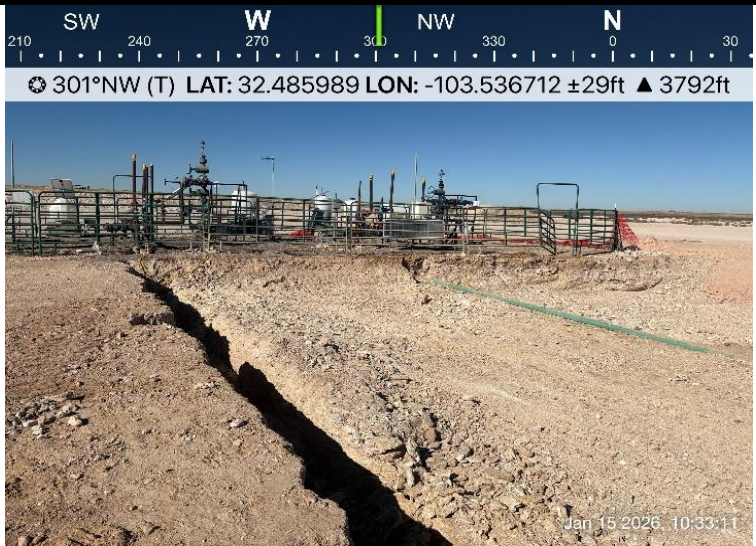
## EOG Resources

### Photograph No. 1

**Facility:** Cranberry BSU State Com #005H

**County:** Lea County, New Mexico

**Description:**  
View Northwest, area of confirmation samples (1-35)

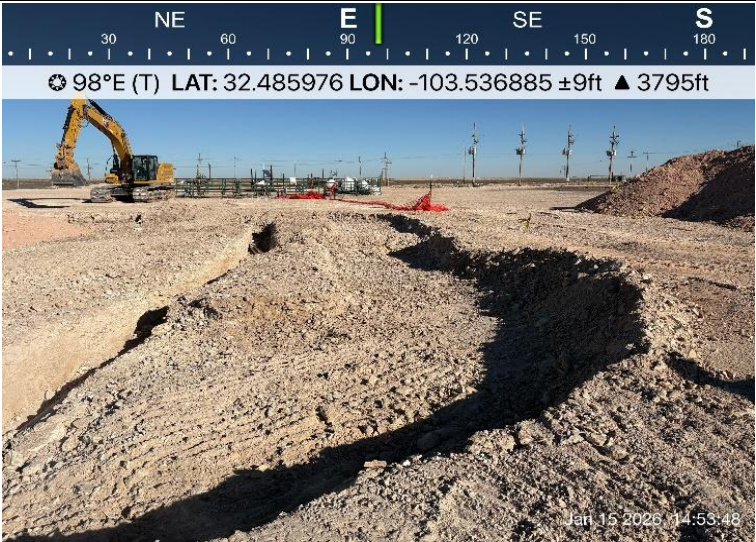


### Photograph No. 2

**Facility:** Cranberry BSU State Com #005H

**County:** Lea County, New Mexico

**Description:**  
View East, area of confirmation samples (16-25)

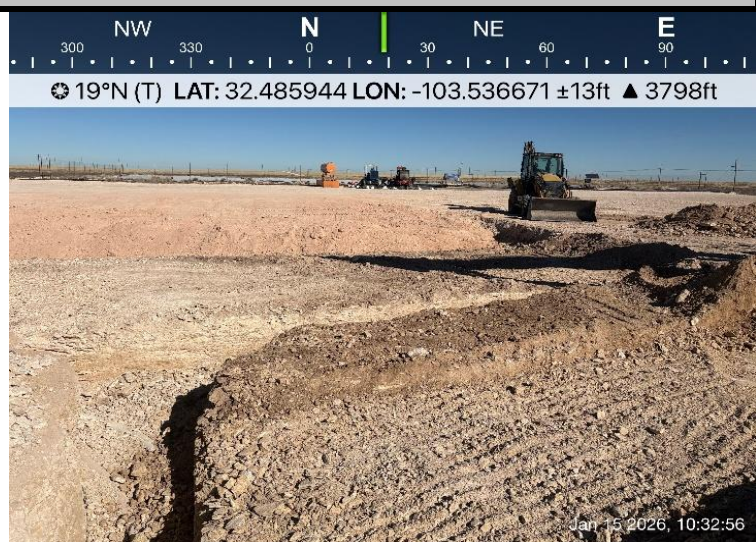


### Photograph No. 3

**Facility:** Cranberry BSU State Com #005H

**County:** Lea County, New Mexico

**Description:**  
View North, area of confirmation samples (26-35)



# PHOTOGRAPHIC LOG

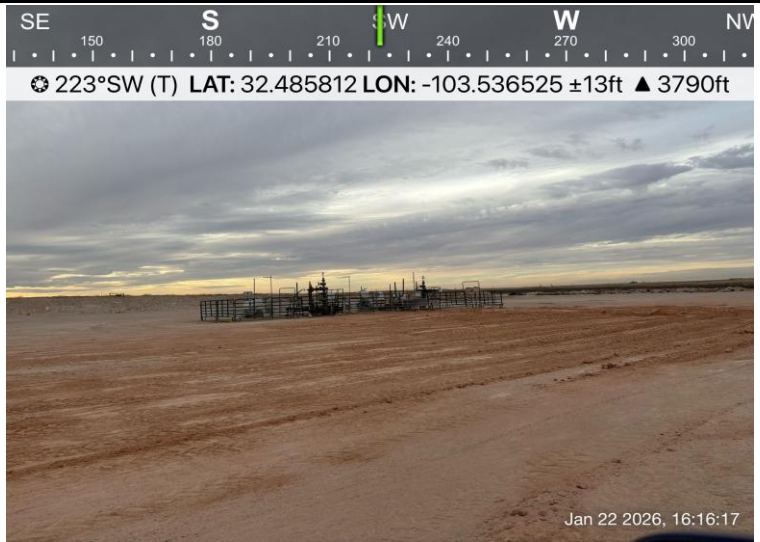
## EOG Resources

**Photograph No. 4**

**Facility:** Cranberry BSU State Com #005H

**County:** Lea County, New Mexico

**Description:**  
View West of backfilled area.



## APPENDIX C

CARMONA RESOURCES



\*\*\*\*\* LIQUID SPILLS - VOLUME CALCULATIONS \*\*\*\*\*

Location of spill: Cranberry BSU State Com #005H

Date of Spill: 10/13/2025

If the leak/spill is associated with production equipment, i.e. - wellhead, stuffing box, flowline, tank battery, production vessel, transfer pump, or storage tank place an "X" here:

**Input Data:**

If spill volumes from measurement, i.e. metering, tank volumes, etc. are known enter the volumes here: 0.0000 BBL 0.0000 BBL

If "known" spill volumes are given, input data for the following "Area Calculations" is optional. The above will override the calculated volumes.

Total Area Calculations					Standing Liquid Calculations				
Total Surface Area	width	length	wet soil depth	oil (%)	Standing Liquid Area	width	length	liquid depth	oil (%)
Rectangle Area #1	48 ft X	21 ft X	3.00 in	0%	Rectangle Area #1	0 ft X	0 ft X	0 in	0%
Rectangle Area #2	65 ft X	25 ft X	3.00 in	0%	Rectangle Area #2	0 ft X	0 ft X	0 in	0%
Rectangle Area #3	90 ft X	30 ft X	3.00 in	0%	Rectangle Area #3	0 ft X	0 ft X	0 in	0%
Rectangle Area #4	43 ft X	25 ft X	3.00 in	0%	Rectangle Area #4	0 ft X	0 ft X	0 in	0%
Rectangle Area #5	31 ft X	8 ft X	2.50 in	0%	Rectangle Area #5	0 ft X	0 ft X	0 in	0%
Rectangle Area #6	32 ft X	42 ft X	5.50 in	0%	Rectangle Area #6	0 ft X	0 ft X	0 in	0%
Rectangle Area #7	34 ft X	60 ft X	5.00 in	0%	Rectangle Area #7	0 ft X	0 ft X	0 in	0%
Rectangle Area #8	0 ft X	0 ft X	0.00 in	0%	Rectangle Area #8	0 ft X	0 ft X	0 in	0%

okay

**production system leak - DAILY PRODUCTION DATA REQUIRED**

Average Daily Production: Oil BBL Water 0 BBL

Did leak occur before the separator?:  YES  N/A (place an "X")

Amount of Free Liquid Recovered: 30 BBL okay Percentage of Oil in Free Liquid Recovered: 0% (percentage)

Liquid holding factor \*: 0.14 gal per gal

Use the following when the spill wets the grains of the soil:  
 \* sand = .08 gallon liquid per gallon volume of soil.  
 \* gravelly (caliche) loam = .14 gallon liquid per gallon volume of soil.  
 \* sandy clay loam soil = .14 gallon liquid per gallon volume of soil.  
 \* clay loam = .16 gallon liquid per gallon volume of soil.

Use the following when the liquid completely fills the pore space of the soil:  
 Occurs when the spill soaked soil is contained by barriers, natural (or not).  
 \* gravelly (caliche) loam = .25 gallon liquid per gallon volume of soil.  
 \* sandy loam = .5 gallon liquid per gallon volume of soil.

**Saturated Soil Volume Calculations:**

Total Solid/Liquid Volume: 10,040 sq. ft. H2O 3,120 cu. ft. OIL cu. ft.

**Estimated Volumes Spilled**

Liquid in Soil: 77.8 BBL OIL 0.0 BBL  
 Free Liquid: 0.0 BBL OIL 0.0 BBL  
 Totals: 77.784 BBL OIL 0.000 BBL

Total Liquid Spill Liquid: 77.784 BBL 0.000 BBL

**Recovered Volumes**

Estimated oil recovered: 0.0 BBL check - okay  
 Estimated water recovered: 30.0 BBL check - okay

**Free Liquid Volume Calculations:**

Total Free Liquid Volume: sq. ft. H2O .000 cu. ft. OIL .000 cu. ft.

**Estimated Production Volumes Lost**

Estimated Production Spilled: H2O 0.000000 BBL OIL 0.000000 BBL

**Estimated Surface Damage**

Surface Area: 10,040 sq. ft.  
 Surface Area: .2305 acre

**Estimated Weights, and Volumes**

Saturated Soil = 349,403 lbs 3,120 cu.ft. 116 cu.yds.  
 Total Liquid = 78 BBL 3,266.91 gallon 27,181 lbs

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 520330

**QUESTIONS**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 520330
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2528757665
Incident Name	NAPP2528757665 CRANBERRY BSU STATE COM #5H @ 30-025-41670
Incident Type	Produced Water Release
Incident Status	Initial C-141 Received
Incident Well	[30-025-41670] CRANBERRY BSU STATE COM #005H

<b>Location of Release Source</b>	
<i>Please answer all the questions in this group.</i>	
Site Name	Cranberry BSU State Com #5H
Date Release Discovered	10/13/2025
Surface Owner	State

<b>Incident Details</b>	
<i>Please answer all the questions in this group.</i>	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

<b>Nature and Volume of Release</b>	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Cause: Corrosion   Flow Line - Production   Crude Oil   Released: 15 BBL   Recovered: 15 BBL   Lost: 0 BBL.
Produced Water Released (bbls) Details	Cause: Corrosion   Flow Line - Production   Produced Water   Released: 63 BBL   Recovered: 15 BBL   Lost: 48 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	The release was initially reported as 10 bbls of crude oil and water mix. The crude oil and produced water release stayed on the pad and during the recovery efforts 30 bbls of fluid was recovered. The initial soil assessment calculated to be 78 bbls released.

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

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<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 2

Action 520330

**QUESTIONS (continued)**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 520330
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	<b>No, according to supplied volumes this does not appear to be a "gas only" report.</b>
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	<b>Yes</b>
Reasons why this would be considered a submission for a notification of a major release	<b>From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.</b>

*With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.*

**Initial Response**

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	na

*Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.*

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

I hereby agree and sign off to the above statement	Name: Todd Wells Title: Safety and Environmental Specialist Email: Todd_Wells@eogresources.com Date: 10/27/2025
--	--

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 3

Action 520330

**QUESTIONS (continued)**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 520330
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

**QUESTIONS**

<b>Site Characterization</b>	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Not answered.
What method was used to determine the depth to ground water	Not answered.
Did this release impact groundwater or surface water	Not answered.
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Not answered.
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Not answered.
An occupied permanent residence, school, hospital, institution, or church	Not answered.
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Not answered.
Any other fresh water well or spring	Not answered.
Incorporated municipal boundaries or a defined municipal fresh water well field	Not answered.
A wetland	Not answered.
A subsurface mine	Not answered.
An (non-karst) unstable area	Not answered.
Categorize the risk of this well / site being in a karst geology	Not answered.
A 100-year floodplain	Not answered.
Did the release impact areas not on an exploration, development, production, or storage site	Not answered.

<b>Remediation Plan</b>	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	No
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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

CONDITIONS

Action 520330

**CONDITIONS**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 520330
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

**CONDITIONS**

Created By	Condition	Condition Date
scott.rodgers	None	10/27/2025

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 538905

**QUESTIONS**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 538905
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2528757665
Incident Name	NAPP2528757665 CRANBERRY BSU STATE COM #5H @ 30-025-41670
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-41670] CRANBERRY BSU STATE COM #005H

<b>Location of Release Source</b>	
Site Name	Cranberry BSU State Com #5H
Date Release Discovered	10/13/2025
Surface Owner	State

<b>Sampling Event General Information</b>	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	6,565
What is the estimated number of samples that will be gathered	44
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/02/2026
Time sampling will commence	01:00 PM
Please provide any information necessary for observers to contact samplers	Carmona Resources (432) 813-6823
Please provide any information necessary for navigation to sampling site	Driving Directions: 32.486048, -103.536716

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 538905

**CONDITIONS**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 538905
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**CONDITIONS**

Created By	Condition	Condition Date
todd wells	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	12/30/2025
todd wells	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	12/30/2025

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 543713

**QUESTIONS**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 543713
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2528757665
Incident Name	NAPP2528757665 CRANBERRY BSU STATE COM #5H @ 30-025-41670
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-41670] CRANBERRY BSU STATE COM #005H

<b>Location of Release Source</b>	
Site Name	CRANBERRY BSU STATE COM #5H
Date Release Discovered	10/13/2025
Surface Owner	State

<b>Sampling Event General Information</b>	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	4,625
What is the estimated number of samples that will be gathered	35
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/20/2026
Time sampling will commence	03:00 PM
Please provide any information necessary for observers to contact samplers	Sampler Information: Carmona Resources – 432-813-6823
Please provide any information necessary for navigation to sampling site	Driving Directions – 32.486048, -103.536716

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/oecd/contact-us>

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

CONDITIONS

Action 543713

**CONDITIONS**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 543713
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**CONDITIONS**

Created By	Condition	Condition Date
todd wells	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	1/15/2026
todd wells	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	1/15/2026

## Conner Moehring

---

**From:** Conner Moehring  
**Sent:** Tuesday, December 30, 2025 1:48 PM  
**To:** eco@nmslo.gov  
**Cc:** Mike Carmona; Stephen Reyes; Ivan Ramos; Todd Wells; Bill Smith  
**Subject:** EOG - Cranberry - Confirmation Sampling Notification - nAPP2528757665

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Good Afternoon,

On behalf of EOG Resources, we are submitting a confirmation sampling notification to the NMSLO that is in line with the NMOCD sampling notification. The confirmation sampling is to take place on January 2, 2025, at approximately 1:00 pm (Mountain Time). The site is located at 32.486048, -103.536716.

Please call if you have any questions or need any additional information.

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

## Conner Moehring

---

**From:** Stephen Reyes  
**Sent:** Thursday, January 15, 2026 3:23 PM  
**To:** eco@nmslo.gov  
**Cc:** Mike Carmona; Conner Moehring; Ivan Ramos; Todd Wells; Bill Smith  
**Subject:** EOG - Cranberry - Confirmation Sampling Notification - nAPP2528757665

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Good Afternoon,

On behalf of EOG Resources, we are submitting a confirmation sampling notification to the NMSLO that is in line with the NMOCD sampling notification. The confirmation sampling is to take place on January 20, 2026, at approximately 2:00 pm (Mountain Time). The site is located at 32.486048, -103.536716.

Please call if you have any questions or need any additional information

Stephen Reyes  
310 West Wall Street, Suite 500  
Midland TX, 79701  
M: 432-813-9652  
[Sreyes@carmonaresources.com](mailto:Sreyes@carmonaresources.com)  
[www.carmonaresources.com](http://www.carmonaresources.com)

**Conner Moehring**

---

**From:** Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>  
**Sent:** Friday, January 9, 2026 3:02 PM  
**To:** Conner Moehring  
**Cc:** Mike Carmona; Stephen Reyes; Ivan Ramos; Todd Wells; Bill Smith  
**Subject:** RE: [EXTERNAL] EOG - Cranberry BSU State Com #005H - Extension Request - nAPP2528757665

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Your time extension request is approved. Remediation Due date has been updated to February 23, 2026 within the incident page. Ensure that the site characterization/assessment report has been completed and is provided within the final closure report.

Please keep a copy of this communication for inclusion within the appropriate reporting documentation.

If you have any questions, please contact me via email at your convenience.

Thank you,  
Scott

**Scott Rodgers** • Environmental Specialist – Adv.  
Environmental Bureau  
EMNRD - Oil Conservation Division  
5200 Oakland NE, Suite B | Albuquerque, NM 87113  
505.469.1830 | [scott.rodgers@emnrd.nm.gov](mailto:scott.rodgers@emnrd.nm.gov)  
<http://www.emnrd.nm.gov/ocd>



---

**From:** Conner Moehring <Cmoehring@carmonaresources.com>  
**Sent:** Friday, January 9, 2026 1:23 PM  
**To:** Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>  
**Cc:** Mike Carmona <Mcarmona@carmonaresources.com>; Stephen Reyes <SReyes@carmonaresources.com>; Ivan Ramos <Iramos@carmonaresources.com>; Todd Wells <Todd\_Wells@eogresources.com>; Bill Smith <Bill\_Smith@eogresources.com>  
**Subject:** [EXTERNAL] EOG - Cranberry BSU State Com #005H - Extension Request - nAPP2528757665

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

Good Afternoon,

On behalf of EOG, we are requesting a 45-day extension to allow sufficient time to complete the excavation and submit the closure report. The excavation is currently ongoing, and additional safety hazards were identified during the process, which have resulted in a slowdown of the excavation.

The requested extension will allow the excavation to be completed safely for all involved and provide adequate time to prepare and submit the closure report.

Please let us know if you have any questions or require additional information. You may contact us at your convenience.

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

## Conner Moehring

---

**From:** SLO Spills <spills@nmslo.gov>  
**Sent:** Friday, January 9, 2026 2:58 PM  
**To:** Conner Moehring; SLO Spills  
**Cc:** Mike Carmona; Stephen Reyes; Ivan Ramos; Todd Wells; Bill Smith  
**Subject:** RE: EOG - Cranberry BSU State Com #005H - Extension Request - nAPP2528757665

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Conner, your request for a 45 day extension is approved.

Regards,  
Liz

---

**From:** Conner Moehring <Cmoehring@carmonaresources.com>  
**Sent:** Friday, January 9, 2026 1:24 PM  
**To:** SLO Spills <spills@nmslo.gov>  
**Cc:** Mike Carmona <Mcarmona@carmonaresources.com>; Stephen Reyes <SReyes@carmonaresources.com>; Ivan Ramos <Iramos@carmonaresources.com>; Todd Wells <Todd\_Wells@eogresources.com>; Bill Smith <Bill\_Smith@eogresources.com>  
**Subject:** [EXTERNAL] EOG - Cranberry BSU State Com #005H - Extension Request - nAPP2528757665

Good Afternoon,

On behalf of EOG, we are requesting a 45-day extension to allow sufficient time to complete the excavation and submit the closure report. The excavation is currently ongoing, and additional safety hazards were identified during the process, which have resulted in a slowdown of the excavation.

The requested extension will allow the excavation to be completed safely for all involved and provide adequate time to prepare and submit the closure report.

Please let us know if you have any questions or require additional information. You may contact us at your convenience.

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

## APPENDIX D

CARMONA RESOURCES



### Nearest water well

EOG RESOURCES INC

#### Legend

-  0.50 Mile Radius
-  0.52 Miles
-  1.20 Miles
-  1.24 Miles
-  1.75 Miles
-  CRANBERRY BSU STATE COM #005H
-  Groundwater Determination Bore
-  USGS Water Well



135.65' - Drilled 1991

87.16' Drilled 1991

142.41' - Drilled 1996

CRANBERRY BSU STATE COM #005H



37' GWDB - Drilled 2024

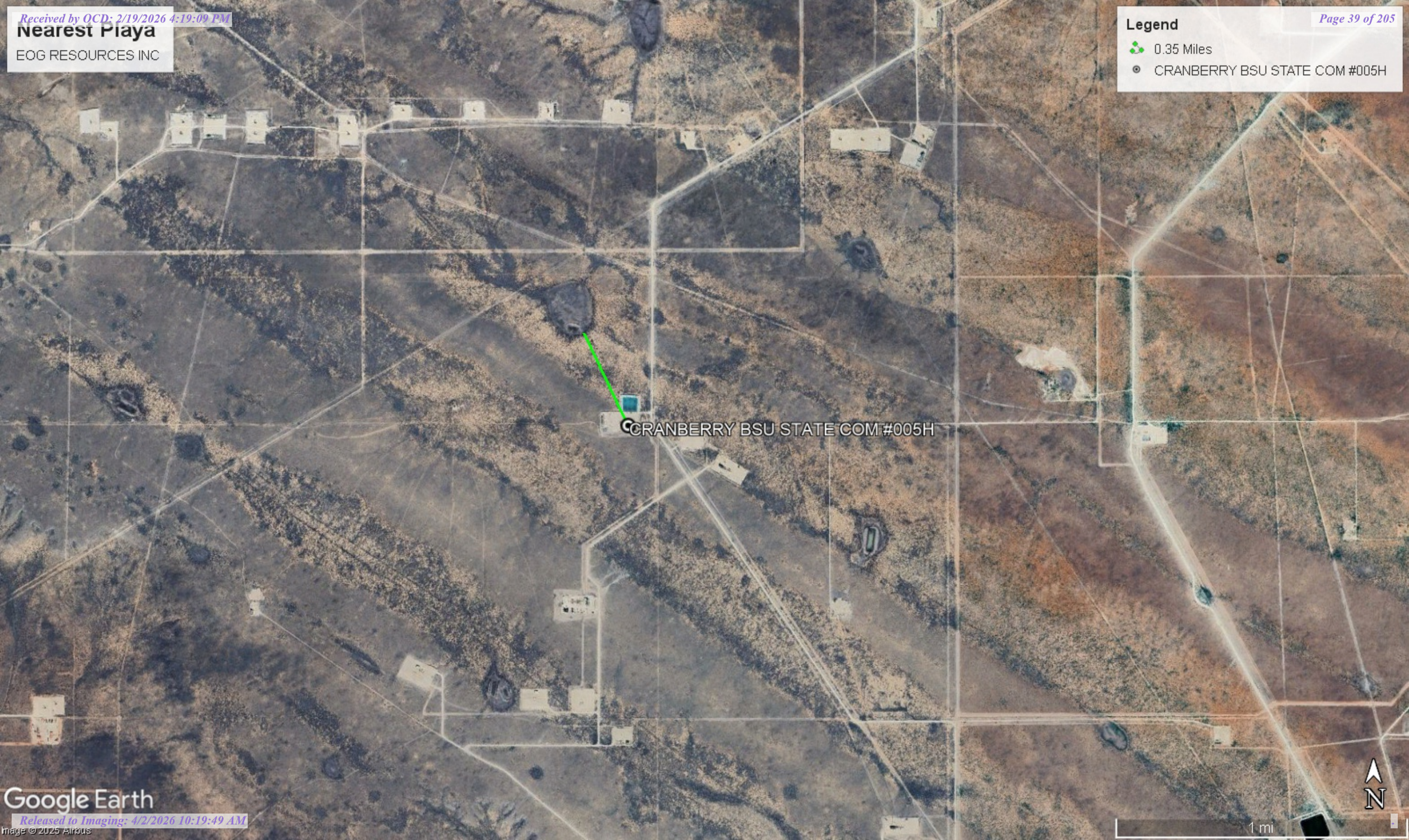


# Nearest Playa

EOG RESOURCES INC

**Legend**

-  0.35 Miles
-  CRANBERRY BSU STATE COM #005H



CRANBERRY BSU STATE COM #005H

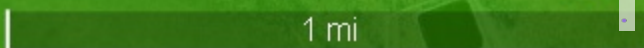


Legend

- CRANBERRY BSU STATE COM #005H
- Low

**Low Karst**  
EOG RESOURCES INC

CRANBERRY BSU STATE COM #005H





# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

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

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

(quarters are smallest to largest)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
<a href="#">CP 00578</a>		CP	LE		SE	SW	11	21S	33E	636674.0	3595445.0 *	●	864	165	150	15
<a href="#">CP 00765 POD1</a>		CP	LE		SW	NE	13	21S	33E	638698.0	3594668.0 *	●	1316	508		
<a href="#">CP 00766 POD1</a>		CP	LE		SW	NE	13	21S	33E	638698.0	3594668.0 *	●	1316	510		
<a href="#">CP 00801 POD1</a>		CP	LE	SW	NE	NW	11	21S	33E	636555.0	3596549.0 *	●	1618	200		
<a href="#">CP 00796 POD1</a>		CP	LE	NE	NE	SE	02	21S	33E	637548.0	3597564.0 *	●	2317	102		
<a href="#">CP 00797 POD1</a>		CP	LE	NW	NE	SE	02	21S	33E	637348.0	3597564.0 *	●	2323	110		
<a href="#">CP 01316 POD1</a>		CP	LE	SW	NE	SE	02	21S	33E	637431.6	3597709.4	●	2463	1370		
<a href="#">CP 01981 POD1</a>		CP	LE	NE	NE	SW	01	21S	33E	638346.3	3597890.1	●	2770	58		
<a href="#">CP 02006 POD1</a>		CP	LE	NE	SE	NW	25	19S	34E	639478.2	3593226.4	●	2816	51		
<a href="#">CP 00803 POD1</a>		CP	LE	SW	NE	NE	02	21S	33E	637337.0	3598168.0 *	●	2926	1100		
<a href="#">CP 00804 POD1</a>		CP	LE	SW	NE	NE	02	21S	33E	637337.0	3598168.0 *	●	2926	170		
<a href="#">CP 00579</a>		CP	LE		NE	NE	02	21S	33E	637438.0	3598269.0 *	●	3023	125	100	25
<a href="#">CP 01317 POD1</a>		CP	LE	NW	SW	NE	02	21S	33E	636884.3	3598450.4	●	3265	1250	1025	225
<a href="#">CP 00802 POD1</a>		CP	LE	SW	SW	NE	02	21S	33E	637001.1	3598672.9	●	3464	1154		
<a href="#">CP 01290 POD1</a>		CP	LE		SW	NW	02	21S	33E	637113.7	3598855.2	●	3630	1250	725	525
<a href="#">CP 00611</a>		CP	LE		NE	NW	06	21S	34E	639838.0	3598306.0 *	●	3840	118	112	6
<a href="#">CP 00791</a>		CP	LE	SE	NE	SE	06	21S	34E	640754.0	3597413.0 *	●	3895	85	55	30

Average Depth to Water: **361 feet**

Minimum Depth: **55 feet**

Maximum Depth: **1025 feet**

**Record Count:** 17

**UTM Filters (in meters):**

**Easting:** 637516.00

**Northing:** 3595247.00

**Radius:** 4000

\* UTM location was derived from PLSS - see Help

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



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National Water Information System: Web Interface

USGS Water Resources

Data Category:  Geographic Area:

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- **Due to a lapse in government funding, the majority of USGS websites will not be updated except to provide important public safety information. Websites displaying real-time water data will be updated with limited support. For more information please see [www.doi.gov/shutdown](http://www.doi.gov/shutdown).**
- Explore the [NEW USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.

Groundwater levels for New Mexico

Click to hide state-specific text

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

Search Results -- 1 sites found

Agency code = usgs  
site\_no list =  
• 322913103324301

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

USGS 322913103324301 21S.33E.11.34313

Lea County, New Mexico  
Latitude 32°29'13", Longitude 103°32'43" NAD27  
Land-surface elevation 3,800 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

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1981-03-11			D 62610		3662.78	NGVD29	1	Z			A
1981-03-11			D 62611		3664.40	NAVD88	1	Z			A
1981-03-11			D 72019	135.60			1	Z			A
1986-03-21			D 62610		3662.56	NGVD29	1	Z			A
1986-03-21			D 62611		3664.18	NAVD88	1	Z			A
1986-03-21			D 72019	135.82			1	Z			A
1991-04-19			D 62610		3662.73	NGVD29	1	Z			A
1991-04-19			D 62611		3664.35	NAVD88	1	Z			A
1991-04-19			D 72019	135.65			1	Z			A

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined

10/13/25, 10:55 AM

Section	Code	Description
Water-level approval status	A	Approved for publication -- Processing and review completed.

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

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



Page Contact Information: [New Mexico Water Data Maintainer](#)  
Page Last Modified: 2025-10-13 11:54:41 EDT  
0.36 0.3 nadww01



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National Water Information System: Web Interface

USGS Water Resources

Data Category:  Geographic Area:

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

Groundwater levels for New Mexico

Click to hide state-specific text

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

**Search Results -- 1 sites found**

Agency code = usgs  
site\_no list =  
• 323014103321102

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

**USGS 323014103321102 21S.33E.02.422334**

Lea County, New Mexico

Latitude 32°30'14", Longitude 103°32'11" NAD27

Land-surface elevation 3,782 feet above NAVD88

The depth of the well is 100 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

**Output formats**

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1954-06-28			D	62610	3707.84	NGVD29	1	Z			A
1954-06-28			D	62611	3709.45	NAVD88	1	Z			A
1954-06-28			D	72019	72.55		1	Z			A
1965-11-16			D	62610	3701.26	NGVD29	1	Z			A
1965-11-16			D	62611	3702.87	NAVD88	1	Z			A
1965-11-16			D	72019	79.13		1	Z			A
1991-04-18			D	62610	3693.23	NGVD29	1	Z			A
1991-04-18			D	62611	3694.84	NAVD88	1	Z			A
1991-04-18			D	72019	87.16		1	Z			A

**Explanation**

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

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**Title: Groundwater for New Mexico: Water Levels**

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



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

Page Last Modified: 2024-10-24 17:35:58 EDT

0.35 0.24 nadww02

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	? Methc meas
						Groundwater	New Mexico	GO

Click to hide News Bulletins

- **Due to a lapse in government funding, the majority of USGS websites will not be updated except to provide important public safety information. Websites displaying real-time water data will be updated with limited support. For more information please see [www.doi.gov/shutdown](http://www.doi.gov/shutdown).**
- Explore the [NEW USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.

Groundwater levels for New Mexico

Click to hide state-specific text

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**Search Results -- 1 sites found**

Agency code = usgs  
 site\_no list =  
 • 322948103325901

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

**USGS 322948103325901 21S.33E.11.11144**

Lea County, New Mexico

Latitude 32°29'56", Longitude 103°33'00" NAD27

Land-surface elevation 3,820.00 feet above NGVD29

The depth of the well is 195 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

**Output formats**

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1965-11-16			D 62610		3674.77	NGVD29	1	Z			A
1965-11-16			D 62611		3676.39	NAVD88	1	Z			A
1965-11-16			D 72019	145.23			1	Z			A
1968-03-21			D 62610		3675.00	NGVD29	1	Z			A
1968-03-21			D 62611		3676.62	NAVD88	1	Z			A
1968-03-21			D 72019	145.00			1	Z			A
1971-02-04			D 62610		3675.48	NGVD29	1	Z			A
1971-02-04			D 62611		3677.10	NAVD88	1	Z			A
1971-02-04			D 72019	144.52			1	Z			A
1976-12-16			D 62610		3676.00	NGVD29	1	Z			A
1976-12-16			D 62611		3677.62	NAVD88	1	Z			A
1976-12-16			D 72019	144.00			1	Z			A
1981-03-12			D 62610		3676.39	NGVD29	1	Z			A
1981-03-12			D 62611		3678.01	NAVD88	1	Z			A
1981-03-12			D 72019	143.61			1	Z			A
1986-03-21			D 62610		3676.83	NGVD29	1	Z			A
1986-03-21			D 62611		3678.45	NAVD88	1	Z			A
1986-03-21			D 72019	143.17			1	Z			A
1991-04-18			D 62610		3677.26	NGVD29	1	Z			A
1991-04-18			D 62611		3678.88	NAVD88	1	Z			A
1991-04-18			D 72019	142.74			1	Z			A
1996-02-22			D 62610		3677.59	NGVD29	1	S			A
1996-02-22			D 62611		3679.21	NAVD88	1	S			A

10/13/25, 10:58 AM

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
1996-02-22		D	72019	142.41			1	S

Explanation

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

Questions or Comments

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



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Page Last Modified: 2025-10-13 11:57:12 EDT

0.36 0.3 nadww02



# WELL RECORD & LOG

## OFFICE OF THE STATE ENGINEER

[www.ose.state.nm.us](http://www.ose.state.nm.us)

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) <b>CP-2006-PAD 1</b>		WELL TAG ID NO.		OSE FILE NO(S). <b>CP-2006</b>	
	WELL OWNER NAME(S) Armstrong Energy Corp				PHONE (OPTIONAL)	
	WELL OWNER MAILING ADDRESS PO Box 1973				CITY Roswell	STATE ZIP NM 88202
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 38	SECONDS 3	* ACCURACY REQUIRED: ONE TENTH OF A SECOND	
		LONGITUDE -103	30	57	* DATUM REQUIRED: WGS 84	
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SE/4 NW/4 Section 25 T19S R34E						

2. DRILLING & CASING INFORMATION	LICENSE NO. WD-1719		NAME OF LICENSED DRILLER Travis Glenn			NAME OF WELL DRILLING COMPANY Glenn's Water Well Service, Inc.		
	DRILLING STARTED 8/20/24	DRILLING ENDED 8/20/24	DEPTH OF COMPLETED WELL (FT) 51'	BORE HOLE DEPTH (FT) 51'	DEPTH WATER FIRST ENCOUNTERED (FT)			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input type="checkbox"/> DRY HOLE <input checked="" type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) 37'	DATE STATIC MEASURED 8/23/24		
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	-5	8'	6.125"	Steel	none	6.249"	.188"	
	-2'	51'	6.125"	PVC	Threaded	1.875"	.250"	
				Bottom 2' slotted with .125" slots				

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL <b>*(if using Centralizers for Artesian wells- indicate the spacing below)*</b>	AMOUNT (cubic feet)	METHOD OF PLACEMENT	
	FROM	TO					
				Bore hole will be plugged with Baroid HolePlug within 30 days			

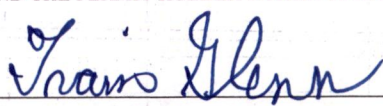
FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)			
FILE NO.	<b>CP-2006-PAD 1</b>	POD NO.	<b>1</b>	TRN NO.	<b>963765</b>
LOCATION	<b>Mon 19.34 25.241</b>			WELL TAG ID NO.	

DEPTH (feet bgl)	THICKNESS (feet)		COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
	FROM	TO			
0	8'	8	Blow sand	Y ✓ N	
8'	18'	10'	Caliche	Y ✓ N	
18'	25'	7'	Light Red Clay	Y ✓ N	
25'	36'	11'	Sandy Clay	✓ Y N	
36'	42'	6'	Red Clay	Y ✓ N	
42'	51	9'	Purple Clay	Y ✓ N	
				Y N	
			Dry dust drilling 0-25' and 39'-51'. Balled returns from 25'-39'	Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:				TOTAL ESTIMATED WELL YIELD (gpm):	
<input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY:					

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION:	Pressed 8 1/2' of 6 5/8" steel conductor pipe in to top of caliche, drilled inside of it to 51', Pulled out and ran 53' of 2 3/8" T&C PVC tubing in hole and then measured for water. Well was dry. Let set for 73 hours and found water level at 37' below ground level (39' from top of 2"). Waiting on operator to determine next course of action. The tubing and casing will be removed and bore hole plugged as soon as directed from OCD.
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:	

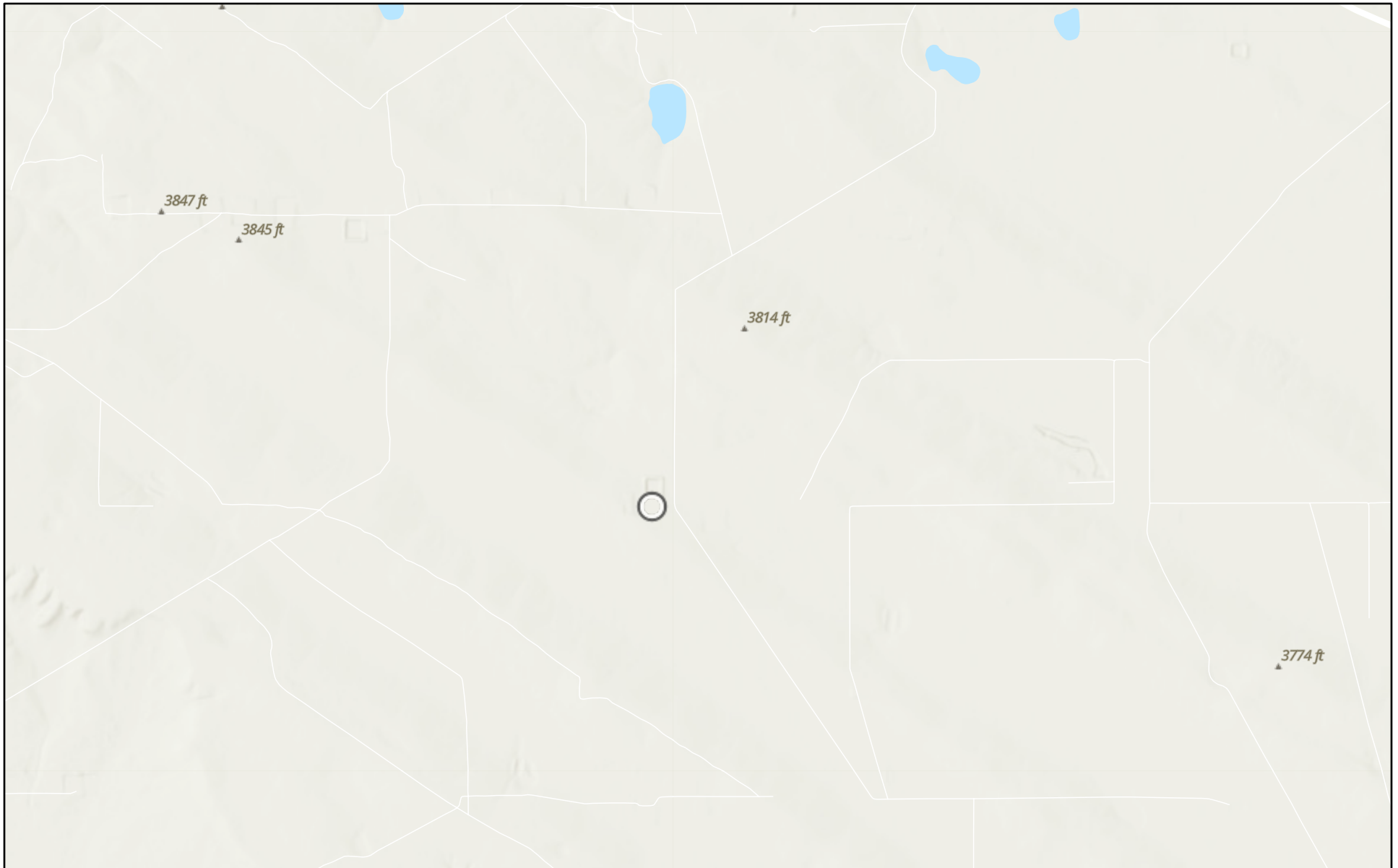
  

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:	
	 SIGNATURE OF DRILLER / PRINT SIGNEE NAME	Travis Glenn DATE: 8/28/24

USE DII ROSWELL NH  
OCT 7 2024 PM 1:55

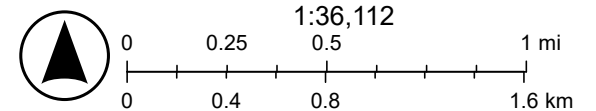
FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)	
FILE NO. <u>CR-2006-POD 1</u>	POD NO. <u>1</u>	TRN NO. <u>763765</u>	
LOCATION <u>Mon 19.34.25.241</u>	WELL TAG ID NO. <u>                    </u>	PAGE 2 OF 2	

# CRANBERRY BSU STATE COM #005H



10/13/2025

World\_Hillshade



Esri, NASA, NGA, USGS, FEMA, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User

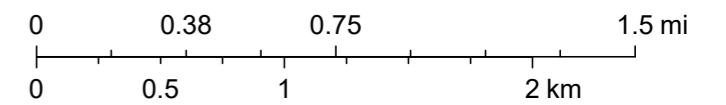
# CRANBERRY BSU STATE COM #005H



10/13/2025, 10:48:38 AM

- OSW Water Bodys
- OSE Probable Playas
- OSE Streams

1:36,112



Esri, NASA, NGA, USGS, FEMA, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, NM OSE

# APPENDIX E

CARMONA RESOURCES





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

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November 07, 2025

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: CRANBERRY BSU STATE COM #995H

Enclosed are the results of analyses for samples received by the laboratory on 11/04/25 13:44.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST, SUITE 500  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/04/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	CRANBERRY BSU STATE COM #995H	Sampling Condition:	Cool & Intact
Project Number:	3040	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

**Sample ID: S - 1 ( 0-1' ) (H256960-01)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/06/2025	ND	1.92	96.0	2.00	4.19		
Toluene*	<0.050	0.050	11/06/2025	ND	1.93	96.5	2.00	6.22		
Ethylbenzene*	<b>0.171</b>	0.050	11/06/2025	ND	1.92	95.9	2.00	6.97		
<b>Total Xylenes*</b>	<b>0.966</b>	0.150	11/06/2025	ND	5.77	96.2	6.00	7.01	GC-NC1	
<b>Total BTEX</b>	<b>1.14</b>	0.300	11/06/2025	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PID) 110 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>8000</b>	16.0	11/05/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS							S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
<b>GRO C6-C10*</b>	<b>42.2</b>	10.0	11/05/2025	ND	210	105	200	1.05			
<b>DRO &gt;C10-C28*</b>	<b>3600</b>	10.0	11/05/2025	ND	195	97.4	200	0.409			
<b>EXT DRO &gt;C28-C36</b>	<b>681</b>	10.0	11/05/2025	ND							

Surrogate: 1-Chlorooctane 111 % 52.4-130

Surrogate: 1-Chlorooctadecane 193 % 39.9-141

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST, SUITE 500  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/04/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	CRANBERRY BSU STATE COM #995H	Sampling Condition:	Cool & Intact
Project Number:	3040	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

**Sample ID: S - 1 ( 1.5' ) (H256960-02)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/05/2025	ND	1.92	96.0	2.00	4.19	
Toluene*	<0.050	0.050	11/05/2025	ND	1.93	96.5	2.00	6.22	
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.92	95.9	2.00	6.97	
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.77	96.2	6.00	7.01	
Total BTEX	<0.300	0.300	11/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3840	16.0	11/05/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	210	105	200	1.05	
DRO >C10-C28*	281	10.0	11/05/2025	ND	195	97.4	200	0.409	
EXT DRO >C28-C36	54.8	10.0	11/05/2025	ND					

Surrogate: 1-Chlorooctane 107 % 52.4-130

Surrogate: 1-Chlorooctadecane 106 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST, SUITE 500  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/04/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	CRANBERRY BSU STATE COM #995H	Sampling Condition:	Cool & Intact
Project Number:	3040	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

**Sample ID: S - 1 ( 2' ) (H256960-03)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/05/2025	ND	1.92	96.0	2.00	4.19	
Toluene*	<0.050	0.050	11/05/2025	ND	1.93	96.5	2.00	6.22	
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.92	95.9	2.00	6.97	
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.77	96.2	6.00	7.01	
Total BTEX	<0.300	0.300	11/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1740</b>	16.0	11/05/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	210	105	200	1.05	
<b>DRO &gt;C10-C28*</b>	<b>163</b>	10.0	11/05/2025	ND	195	97.4	200	0.409	
<b>EXT DRO &gt;C28-C36</b>	<b>35.9</b>	10.0	11/05/2025	ND					

Surrogate: 1-Chlorooctane 91.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 90.6 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST, SUITE 500  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/04/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	CRANBERRY BSU STATE COM #995H	Sampling Condition:	Cool & Intact
Project Number:	3040	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

**Sample ID: S - 1 ( 3' ) (H256960-04)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/05/2025	ND	1.92	96.0	2.00	4.19		
Toluene*	<0.050	0.050	11/05/2025	ND	1.93	96.5	2.00	6.22		
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.92	95.9	2.00	6.97		
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.77	96.2	6.00	7.01		
Total BTEX	<0.300	0.300	11/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/05/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	210	105	200	1.05		
DRO >C10-C28*	<10.0	10.0	11/05/2025	ND	195	97.4	200	0.409		
EXT DRO >C28-C36	<10.0	10.0	11/05/2025	ND						

Surrogate: 1-Chlorooctane 106 % 52.4-130

Surrogate: 1-Chlorooctadecane 98.4 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST, SUITE 500  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/04/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	CRANBERRY BSU STATE COM #995H	Sampling Condition:	Cool & Intact
Project Number:	3040	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

**Sample ID: S - 2 ( 0-1' ) (H256960-05)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/05/2025	ND	1.92	96.0	2.00	4.19	
Toluene*	<0.050	0.050	11/05/2025	ND	1.93	96.5	2.00	6.22	
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.92	95.9	2.00	6.97	
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.77	96.2	6.00	7.01	
Total BTEX	<0.300	0.300	11/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3440	16.0	11/05/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	210	105	200	1.05	
DRO >C10-C28*	<10.0	10.0	11/05/2025	ND	195	97.4	200	0.409	
EXT DRO >C28-C36	<10.0	10.0	11/05/2025	ND					

Surrogate: 1-Chlorooctane 87.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 82.7 % 39.9-141

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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST, SUITE 500  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/04/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	CRANBERRY BSU STATE COM #995H	Sampling Condition:	Cool & Intact
Project Number:	3040	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

**Sample ID: S - 2 ( 1.5' ) (H256960-06)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/05/2025	ND	1.92	96.0	2.00	4.19	
Toluene*	<0.050	0.050	11/05/2025	ND	1.93	96.5	2.00	6.22	
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.92	95.9	2.00	6.97	
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.77	96.2	6.00	7.01	
Total BTEX	<0.300	0.300	11/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1680	16.0	11/05/2025	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	210	105	200	1.05	
DRO >C10-C28*	<10.0	10.0	11/05/2025	ND	195	97.4	200	0.409	
EXT DRO >C28-C36	<10.0	10.0	11/05/2025	ND					

Surrogate: 1-Chlorooctane 87.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 81.9 % 39.9-141

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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST, SUITE 500  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/04/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	CRANBERRY BSU STATE COM #995H	Sampling Condition:	Cool & Intact
Project Number:	3040	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

**Sample ID: S - 2 ( 2' ) (H256960-07)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/05/2025	ND	1.92	96.0	2.00	4.19	
Toluene*	<0.050	0.050	11/05/2025	ND	1.93	96.5	2.00	6.22	
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.92	95.9	2.00	6.97	
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.77	96.2	6.00	7.01	
Total BTEX	<0.300	0.300	11/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	11/05/2025	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	210	105	200	1.05	
DRO >C10-C28*	<10.0	10.0	11/05/2025	ND	195	97.4	200	0.409	
EXT DRO >C28-C36	<10.0	10.0	11/05/2025	ND					

Surrogate: 1-Chlorooctane 109 % 52.4-130

Surrogate: 1-Chlorooctadecane 102 % 39.9-141

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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST, SUITE 500  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/04/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	CRANBERRY BSU STATE COM #995H	Sampling Condition:	Cool & Intact
Project Number:	3040	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

**Sample ID: S - 2 ( 3' ) (H256960-08)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/05/2025	ND	1.92	96.0	2.00	4.19		
Toluene*	<0.050	0.050	11/05/2025	ND	1.93	96.5	2.00	6.22		
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.92	95.9	2.00	6.97		
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.77	96.2	6.00	7.01		
Total BTEX	<0.300	0.300	11/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/05/2025	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	210	105	200	1.05		
DRO >C10-C28*	<10.0	10.0	11/05/2025	ND	195	97.4	200	0.409		
EXT DRO >C28-C36	<10.0	10.0	11/05/2025	ND						

Surrogate: 1-Chlorooctane 99.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 90.4 % 39.9-141

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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST, SUITE 500  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/04/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	CRANBERRY BSU STATE COM #995H	Sampling Condition:	Cool & Intact
Project Number:	3040	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

**Sample ID: S - 3 ( 0-1' ) (H256960-09)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/05/2025	ND	1.92	96.0	2.00	4.19		
Toluene*	<0.050	0.050	11/05/2025	ND	1.93	96.5	2.00	6.22		
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.92	95.9	2.00	6.97		
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.77	96.2	6.00	7.01		
Total BTEX	<0.300	0.300	11/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	11/05/2025	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	204	102	200	5.30		
DRO >C10-C28*	48.4	10.0	11/05/2025	ND	199	99.3	200	9.07		
EXT DRO >C28-C36	<10.0	10.0	11/05/2025	ND						

Surrogate: 1-Chlorooctane 93.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 94.6 % 39.9-141

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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST, SUITE 500  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/04/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	CRANBERRY BSU STATE COM #995H	Sampling Condition:	Cool & Intact
Project Number:	3040	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

**Sample ID: S - 3 ( 1.5' ) (H256960-10)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/05/2025	ND	1.80	90.1	2.00	1.45		
Toluene*	<0.050	0.050	11/05/2025	ND	2.02	101	2.00	1.79		
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.91	95.5	2.00	2.87		
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.66	94.4	6.00	3.56		
Total BTEX	<0.300	0.300	11/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<b>448</b>	16.0	11/05/2025	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	204	102	200	5.30		
DRO >C10-C28*	<10.0	10.0	11/05/2025	ND	199	99.3	200	9.07		
EXT DRO >C28-C36	<10.0	10.0	11/05/2025	ND						

Surrogate: 1-Chlorooctane 87.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 88.3 % 39.9-141

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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST, SUITE 500  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/04/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	CRANBERRY BSU STATE COM #995H	Sampling Condition:	Cool & Intact
Project Number:	3040	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

**Sample ID: S - 3 ( 2' ) (H256960-11)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/05/2025	ND	1.80	90.1	2.00	1.45	
Toluene*	<0.050	0.050	11/05/2025	ND	2.02	101	2.00	1.79	
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.91	95.5	2.00	2.87	
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.66	94.4	6.00	3.56	
Total BTEX	<0.300	0.300	11/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	11/05/2025	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	204	102	200	5.30	
DRO >C10-C28*	<10.0	10.0	11/05/2025	ND	199	99.3	200	9.07	
EXT DRO >C28-C36	<10.0	10.0	11/05/2025	ND					

Surrogate: 1-Chlorooctane 87.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 87.9 % 39.9-141

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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST, SUITE 500  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/04/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	CRANBERRY BSU STATE COM #995H	Sampling Condition:	Cool & Intact
Project Number:	3040	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

**Sample ID: S - 3 ( 3' ) (H256960-12)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/05/2025	ND	1.80	90.1	2.00	1.45	
Toluene*	<0.050	0.050	11/05/2025	ND	2.02	101	2.00	1.79	
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.91	95.5	2.00	2.87	
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.66	94.4	6.00	3.56	
Total BTEX	<0.300	0.300	11/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>832</b>	16.0	11/05/2025	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	204	102	200	5.30	
<b>DRO &gt;C10-C28*</b>	<b>46.3</b>	10.0	11/05/2025	ND	199	99.3	200	9.07	
EXT DRO >C28-C36	<10.0	10.0	11/05/2025	ND					

Surrogate: 1-Chlorooctane 89.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 91.4 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST, SUITE 500  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/04/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	CRANBERRY BSU STATE COM #995H	Sampling Condition:	Cool & Intact
Project Number:	3040	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

**Sample ID: S - 3 ( 4' ) (H256960-13)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/05/2025	ND	1.80	90.1	2.00	1.45		
Toluene*	<0.050	0.050	11/05/2025	ND	2.02	101	2.00	1.79		
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.91	95.5	2.00	2.87		
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.66	94.4	6.00	3.56		
Total BTEX	<0.300	0.300	11/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/05/2025	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	204	102	200	5.30		
DRO >C10-C28*	<10.0	10.0	11/05/2025	ND	199	99.3	200	9.07		
EXT DRO >C28-C36	<10.0	10.0	11/05/2025	ND						

Surrogate: 1-Chlorooctane 89.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 89.7 % 39.9-141

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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST, SUITE 500  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/04/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	CRANBERRY BSU STATE COM #995H	Sampling Condition:	Cool & Intact
Project Number:	3040	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

**Sample ID: S - 4 ( 0-1' ) (H256960-14)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/05/2025	ND	1.80	90.1	2.00	1.45	
Toluene*	<0.050	0.050	11/05/2025	ND	2.02	101	2.00	1.79	
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.91	95.5	2.00	2.87	
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.66	94.4	6.00	3.56	
Total BTEX	<0.300	0.300	11/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	11/05/2025	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	204	102	200	5.30	
DRO >C10-C28*	<10.0	10.0	11/05/2025	ND	199	99.3	200	9.07	
EXT DRO >C28-C36	<10.0	10.0	11/05/2025	ND					

Surrogate: 1-Chlorooctane 91.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 93.0 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST, SUITE 500  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/04/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	CRANBERRY BSU STATE COM #995H	Sampling Condition:	Cool & Intact
Project Number:	3040	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

**Sample ID: S - 4 ( 1.5 ) (H256960-15)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/05/2025	ND	1.80	90.1	2.00	1.45	
Toluene*	<0.050	0.050	11/05/2025	ND	2.02	101	2.00	1.79	
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.91	95.5	2.00	2.87	
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.66	94.4	6.00	3.56	
Total BTEX	<0.300	0.300	11/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	11/05/2025	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	204	102	200	5.30	
DRO >C10-C28*	<10.0	10.0	11/05/2025	ND	199	99.3	200	9.07	
EXT DRO >C28-C36	<10.0	10.0	11/05/2025	ND					

Surrogate: 1-Chlorooctane 72.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 73.3 % 39.9-141

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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST, SUITE 500  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/04/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	CRANBERRY BSU STATE COM #995H	Sampling Condition:	Cool & Intact
Project Number:	3040	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

**Sample ID: S - 4 ( 2' ) (H256960-16)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/05/2025	ND	1.80	90.1	2.00	1.45	
Toluene*	<0.050	0.050	11/05/2025	ND	2.02	101	2.00	1.79	
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.91	95.5	2.00	2.87	
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.66	94.4	6.00	3.56	
Total BTEX	<0.300	0.300	11/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	11/05/2025	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	204	102	200	5.30	
DRO >C10-C28*	<10.0	10.0	11/05/2025	ND	199	99.3	200	9.07	
EXT DRO >C28-C36	<10.0	10.0	11/05/2025	ND					

Surrogate: 1-Chlorooctane 69.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 70.7 % 39.9-141

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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST, SUITE 500  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/04/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	CRANBERRY BSU STATE COM #995H	Sampling Condition:	Cool & Intact
Project Number:	3040	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

**Sample ID: S - 5 ( 0-1' ) (H256960-17)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/05/2025	ND	1.80	90.1	2.00	1.45		
Toluene*	<0.050	0.050	11/05/2025	ND	2.02	101	2.00	1.79		
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.91	95.5	2.00	2.87		
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.66	94.4	6.00	3.56		
Total BTEX	<0.300	0.300	11/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1140	16.0	11/05/2025	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	204	102	200	5.30		
DRO >C10-C28*	<10.0	10.0	11/05/2025	ND	199	99.3	200	9.07		
EXT DRO >C28-C36	<10.0	10.0	11/05/2025	ND						

Surrogate: 1-Chlorooctane 71.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 68.2 % 39.9-141

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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST, SUITE 500  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/04/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	CRANBERRY BSU STATE COM #995H	Sampling Condition:	Cool & Intact
Project Number:	3040	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

**Sample ID: S - 5 ( 1.5' ) (H256960-18)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/05/2025	ND	1.80	90.1	2.00	1.45	
Toluene*	<0.050	0.050	11/05/2025	ND	2.02	101	2.00	1.79	
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.91	95.5	2.00	2.87	
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.66	94.4	6.00	3.56	
Total BTEX	<0.300	0.300	11/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	768	16.0	11/05/2025	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	204	102	200	5.30	
DRO >C10-C28*	<10.0	10.0	11/05/2025	ND	199	99.3	200	9.07	
EXT DRO >C28-C36	<10.0	10.0	11/05/2025	ND					

Surrogate: 1-Chlorooctane 82.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 79.6 % 39.9-141

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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST, SUITE 500  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/04/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	CRANBERRY BSU STATE COM #995H	Sampling Condition:	Cool & Intact
Project Number:	3040	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

**Sample ID: S - 5 ( 2' ) (H256960-19)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/05/2025	ND	1.80	90.1	2.00	1.45		
Toluene*	<0.050	0.050	11/05/2025	ND	2.02	101	2.00	1.79		
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.91	95.5	2.00	2.87		
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.66	94.4	6.00	3.56		
Total BTEX	<0.300	0.300	11/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>1100</b>	16.0	11/05/2025	ND	432	108	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	204	102	200	5.30		
DRO >C10-C28*	<10.0	10.0	11/05/2025	ND	199	99.3	200	9.07		
EXT DRO >C28-C36	<10.0	10.0	11/05/2025	ND						

Surrogate: 1-Chlorooctane 79.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 78.6 % 39.9-141

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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST, SUITE 500  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/04/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	CRANBERRY BSU STATE COM #995H	Sampling Condition:	Cool & Intact
Project Number:	3040	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

**Sample ID: S - 6 ( 0-1' ) (H256960-20)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/05/2025	ND	1.80	90.1	2.00	1.45	
Toluene*	<0.050	0.050	11/05/2025	ND	2.02	101	2.00	1.79	
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.91	95.5	2.00	2.87	
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.66	94.4	6.00	3.56	
Total BTEX	<0.300	0.300	11/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	11/05/2025	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	204	102	200	5.30	
DRO >C10-C28*	<10.0	10.0	11/05/2025	ND	199	99.3	200	9.07	
EXT DRO >C28-C36	<10.0	10.0	11/05/2025	ND					

Surrogate: 1-Chlorooctane 76.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 75.2 % 39.9-141

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST, SUITE 500  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/04/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	CRANBERRY BSU STATE COM #995H	Sampling Condition:	Cool & Intact
Project Number:	3040	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

**Sample ID: S - 6 ( 1.5' ) (H256960-21)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/05/2025	ND	1.80	90.1	2.00	1.45	
Toluene*	<0.050	0.050	11/05/2025	ND	2.02	101	2.00	1.79	
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.91	95.5	2.00	2.87	
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.66	94.4	6.00	3.56	
Total BTEX	<0.300	0.300	11/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	11/05/2025	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	204	102	200	5.30	
DRO >C10-C28*	<10.0	10.0	11/05/2025	ND	199	99.3	200	9.07	
EXT DRO >C28-C36	<10.0	10.0	11/05/2025	ND					

Surrogate: 1-Chlorooctane 84.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 83.4 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST, SUITE 500  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/04/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	CRANBERRY BSU STATE COM #995H	Sampling Condition:	Cool & Intact
Project Number:	3040	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

**Sample ID: S - 6 ( 2' ) (H256960-22)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/05/2025	ND	1.80	90.1	2.00	1.45	
Toluene*	<0.050	0.050	11/05/2025	ND	2.02	101	2.00	1.79	
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.91	95.5	2.00	2.87	
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.66	94.4	6.00	3.56	
Total BTEX	<0.300	0.300	11/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	11/05/2025	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	204	102	200	5.30	
DRO >C10-C28*	<10.0	10.0	11/05/2025	ND	199	99.3	200	9.07	
EXT DRO >C28-C36	<10.0	10.0	11/05/2025	ND					

Surrogate: 1-Chlorooctane 74.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 74.3 % 39.9-141

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST, SUITE 500  
 MIDLAND TX, 79701  
 Fax To:

Received:	11/04/2025	Sampling Date:	10/31/2025
Reported:	11/07/2025	Sampling Type:	Soil
Project Name:	CRANBERRY BSU STATE COM #995H	Sampling Condition:	Cool & Intact
Project Number:	3040	Sample Received By:	Alyssa Parras
Project Location:	EOG-LEA COUNTY, NM		

**Sample ID: S - 6 ( 3' ) (H256960-23)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/05/2025	ND	1.80	90.1	2.00	1.45	
Toluene*	<0.050	0.050	11/05/2025	ND	2.02	101	2.00	1.79	
Ethylbenzene*	<0.050	0.050	11/05/2025	ND	1.91	95.5	2.00	2.87	
Total Xylenes*	<0.150	0.150	11/05/2025	ND	5.66	94.4	6.00	3.56	
Total BTEX	<0.300	0.300	11/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/05/2025	ND	432	108	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/05/2025	ND	204	102	200	5.30	
DRO >C10-C28*	<10.0	10.0	11/05/2025	ND	199	99.3	200	9.07	
EXT DRO >C28-C36	<10.0	10.0	11/05/2025	ND					

Surrogate: 1-Chlorooctane 78.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 76.0 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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-NC1 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
\*\* Samples not received at proper temperature of 6°C or below.
\*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: H250000

Page 1 of 3

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	344 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	432-813-6823	Email:	Todd Wells@ecoresources.com

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

Project Name:	Cranberry BSU State Com #995H	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	
Project Number:	3040	Due Date:	72 HR TAT		
Project Location:	Lea County, NM				
Sampler's Name:	JM				
PO #:					
<b>SAMPLE RECEIPT</b>		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:			
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Correction Factor:			
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Temperature Reading:			
Total Containers:		Corrected Temperature:			

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters			Sample Comments
							BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	
S-1 (0-1)	10/31/2025		X		Grab	1	X	X	X	
S-1 (1.5')	10/31/2025		X		Grab	1	X	X	X	
S-1 (2')	10/31/2025		X		Grab	1	X	X	X	
S-1 (3')	10/31/2025		X		Grab	1	X	X	X	
S-2 (0-1')	10/31/2025		X		Grab	1	X	X	X	
S-2 (1.5')	10/31/2025		X		Grab	1	X	X	X	
S-2 (2')	10/31/2025		X		Grab	1	X	X	X	
S-2 (3')	10/31/2025		X		Grab	1	X	X	X	
S-3 (0-1')	10/31/2025		X		Grab	1	X	X	X	
S-3 (1.5')	10/31/2025		X		Grab	1	X	X	X	

Comments: Email to Mike Carmona / Mccarmona@carmonareresources.com and Conner Moehring / Cmoehring@carmonareresources.com

DISPOSAL

Relinquished by: (Signature)	<i>Conner Moehring</i>	Date/Time	11/4/25	Received by: (Signature)	<i>Aprava</i>	Date/Time	11-4-25/1344
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Chain of Custody

Work Order No: HASDAQ

Page 2 of 3

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

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

Project Name:	Project Number:	Project Location:	Sampler's Name:	PO #:	Turn Around		Pres. Code	ANALYSIS REQUEST			Preservative Codes	
					<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush		BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500		
Cranberry BSU State Com #995H	3040	Lea County, NM	JM		<input type="checkbox"/>	<input checked="" type="checkbox"/>						
<b>SAMPLE RECEIPT</b>					Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			
Received Intact:					Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	#1.00					
Cooler Custody Seals:					Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Temperature Reading:	70.2					
Sample Custody Seals:					Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Corrected Temperature:	3.1					
Total Containers:												
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont				Sample Comments		
S-3 (2)	10/31/2025		X		Grab	1	X	X	X			
S-3 (3)	10/31/2025		X		Grab	1	X	X	X			
S-3 (4)	10/31/2025		X		Grab	1	X	X	X			
S-4 (0-1)	10/31/2025		X		Grab	1	X	X	X			
S-4 (1.5)	10/31/2025		X		Grab	1	X	X	X			
S-4 (2)	10/31/2025		X		Grab	1	X	X	X			
S-5 (0-1)	10/31/2025		X		Grab	1	X	X	X			
S-5 (1.5)	10/31/2025		X		Grab	1	X	X	X			
S-5 (2)	10/31/2025		X		Grab	1	X	X	X			
S-6 (0-1)	10/31/2025		X		Grab	1	X	X	X			

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Conner Moehring</i>	11/4/22	<i>APR</i>	11-4-25/1344





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

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January 08, 2026

CONNER MOEHRING  
CARMONA RESOURCES  
310 W WALL ST, SUITE 500  
MIDLAND, TX 79701

RE: CRANBERRY BSU STATE COM #995H

Enclosed are the results of analyses for samples received by the laboratory on 01/05/26 12:12.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene  
Lab Director/Quality Manager



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

**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST, SUITE 500  
 MIDLAND TX, 79701  
 Fax To:

Received:	01/05/2026	Sampling Date:	01/02/2026
Reported:	01/08/2026	Sampling Type:	Soil
Project Name:	CRANBERRY BSU STATE COM #995H	Sampling Condition:	Cool & Intact
Project Number:	3040	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

**Sample ID: H - 1 (0-0.5') (H260018-01)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/05/2026	ND	2.23	111	2.00	6.77	
Toluene*	<0.050	0.050	01/05/2026	ND	1.95	97.7	2.00	6.09	
Ethylbenzene*	<0.050	0.050	01/05/2026	ND	2.14	107	2.00	7.47	
Total Xylenes*	<0.150	0.150	01/05/2026	ND	6.50	108	6.00	5.41	
Total BTEX	<0.300	0.300	01/05/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/05/2026	ND	416	104	400	10.9	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/05/2026	ND	190	94.9	200	4.00	
DRO >C10-C28*	<10.0	10.0	01/05/2026	ND	175	87.6	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	01/05/2026	ND					

Surrogate: 1-Chlorooctane 80.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 82.2 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST, SUITE 500  
 MIDLAND TX, 79701  
 Fax To:

Received:	01/05/2026	Sampling Date:	01/02/2026
Reported:	01/08/2026	Sampling Type:	Soil
Project Name:	CRANBERRY BSU STATE COM #995H	Sampling Condition:	Cool & Intact
Project Number:	3040	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

**Sample ID: H - 2 (0-0.5') (H260018-02)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/05/2026	ND	2.23	111	2.00	6.77	
Toluene*	<0.050	0.050	01/05/2026	ND	1.95	97.7	2.00	6.09	
Ethylbenzene*	<0.050	0.050	01/05/2026	ND	2.14	107	2.00	7.47	
Total Xylenes*	<0.150	0.150	01/05/2026	ND	6.50	108	6.00	5.41	
Total BTEX	<0.300	0.300	01/05/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/05/2026	ND	416	104	400	10.9	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/05/2026	ND	198	99.0	200	0.533	
DRO >C10-C28*	<10.0	10.0	01/05/2026	ND	225	112	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	01/05/2026	ND					

Surrogate: 1-Chlorooctane 79.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 75.4 % 39.9-141

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST, SUITE 500  
 MIDLAND TX, 79701  
 Fax To:

Received:	01/05/2026	Sampling Date:	01/02/2026
Reported:	01/08/2026	Sampling Type:	Soil
Project Name:	CRANBERRY BSU STATE COM #995H	Sampling Condition:	Cool & Intact
Project Number:	3040	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

**Sample ID: H - 3 (0-0.5') (H260018-03)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/05/2026	ND	2.23	111	2.00	6.77	
Toluene*	<0.050	0.050	01/05/2026	ND	1.95	97.7	2.00	6.09	
Ethylbenzene*	<0.050	0.050	01/05/2026	ND	2.14	107	2.00	7.47	
Total Xylenes*	<0.150	0.150	01/05/2026	ND	6.50	108	6.00	5.41	
Total BTEX	<0.300	0.300	01/05/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/05/2026	ND	416	104	400	10.9	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/05/2026	ND	198	99.0	200	0.533	
DRO >C10-C28*	<10.0	10.0	01/05/2026	ND	225	112	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	01/05/2026	ND					

Surrogate: 1-Chlorooctane 86.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 84.5 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST, SUITE 500  
 MIDLAND TX, 79701  
 Fax To:

Received:	01/05/2026	Sampling Date:	01/02/2026
Reported:	01/08/2026	Sampling Type:	Soil
Project Name:	CRANBERRY BSU STATE COM #995H	Sampling Condition:	Cool & Intact
Project Number:	3040	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

**Sample ID: H - 4 (0-0.5') (H260018-04)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/05/2026	ND	2.23	111	2.00	6.77	
Toluene*	<0.050	0.050	01/05/2026	ND	1.95	97.7	2.00	6.09	
Ethylbenzene*	<0.050	0.050	01/05/2026	ND	2.14	107	2.00	7.47	
Total Xylenes*	<0.150	0.150	01/05/2026	ND	6.50	108	6.00	5.41	
Total BTEX	<0.300	0.300	01/05/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/05/2026	ND	416	104	400	10.9	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/05/2026	ND	198	99.0	200	0.533	
DRO >C10-C28*	<10.0	10.0	01/05/2026	ND	225	112	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	01/05/2026	ND					

Surrogate: 1-Chlorooctane 73.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 71.5 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST, SUITE 500  
 MIDLAND TX, 79701  
 Fax To:

Received:	01/05/2026	Sampling Date:	01/02/2026
Reported:	01/08/2026	Sampling Type:	Soil
Project Name:	CRANBERRY BSU STATE COM #995H	Sampling Condition:	Cool & Intact
Project Number:	3040	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

**Sample ID: H - 5 (0-0.5') (H260018-05)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/05/2026	ND	2.23	111	2.00	6.77	
Toluene*	<0.050	0.050	01/05/2026	ND	1.95	97.7	2.00	6.09	
Ethylbenzene*	<0.050	0.050	01/05/2026	ND	2.14	107	2.00	7.47	
Total Xylenes*	<0.150	0.150	01/05/2026	ND	6.50	108	6.00	5.41	
Total BTEX	<0.300	0.300	01/05/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/05/2026	ND	416	104	400	10.9	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/05/2026	ND	198	99.0	200	0.533	
DRO >C10-C28*	<10.0	10.0	01/05/2026	ND	225	112	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	01/05/2026	ND					

Surrogate: 1-Chlorooctane 88.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 87.4 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST, SUITE 500  
 MIDLAND TX, 79701  
 Fax To:

Received:	01/05/2026	Sampling Date:	01/02/2026
Reported:	01/08/2026	Sampling Type:	Soil
Project Name:	CRANBERRY BSU STATE COM #995H	Sampling Condition:	Cool & Intact
Project Number:	3040	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

**Sample ID: H - 6 (0-0.5') (H260018-06)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/05/2026	ND	2.23	111	2.00	6.77	
Toluene*	<0.050	0.050	01/05/2026	ND	1.95	97.7	2.00	6.09	
Ethylbenzene*	<0.050	0.050	01/05/2026	ND	2.14	107	2.00	7.47	
Total Xylenes*	<0.150	0.150	01/05/2026	ND	6.50	108	6.00	5.41	
Total BTEX	<0.300	0.300	01/05/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/05/2026	ND	416	104	400	10.9	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/05/2026	ND	198	99.0	200	0.533	
DRO >C10-C28*	<10.0	10.0	01/05/2026	ND	225	112	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	01/05/2026	ND					

Surrogate: 1-Chlorooctane 92.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 90.6 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: 12160018

Page 1 of 1

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

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

Project Name:	Project Number:	Project Location	Sampler's Name:	PO #:	Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes			
					<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush																	
Cranberry BSU State Com #995H	3040	Lea County, NM	FV		<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush														None: NO Cool: Cool HCL: HC H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> H <sub>3</sub> PO <sub>4</sub> : HP NaHSO <sub>4</sub> : NABIS Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub> Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC			
<b>SAMPLE RECEIPT</b>				Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Parameters													
Received Inact:				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:																		
Cooler Custody Seals:				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:																		
Sample Custody Seals:				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Corrected Temperature:																		
Total Containers:																							
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments			
H-1 (0-0.5')		1/2/2026		X		Grab	1	X	X	X													
H-2 (0-0.5')		1/2/2026		X		Grab	1	X	X	X													
H-3 (0-0.5')		1/2/2026		X		Grab	1	X	X	X													
H-4 (0-0.5')		1/2/2026		X		Grab	1	X	X	X													
H-5 (0-0.5')		1/2/2026		X		Grab	1	X	X	X													
H-6 (0-0.5')		1/2/2026		X		Grab	1	X	X	X													

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

NO Labels

Relinquished by: (Signature)

*Conner Moehring*

Date/Time

1-5-26 1212

Received by: (Signature)

*Samanta*

Date/Time

EMF 10



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

---

January 08, 2026

CONNER MOEHRING  
CARMONA RESOURCES  
310 W WALL ST, SUITE 500  
MIDLAND, TX 79701

RE: CRANBERRY BSU STATE COM #995H

Enclosed are the results of analyses for samples received by the laboratory on 01/05/26 12:12.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene  
Lab Director/Quality Manager



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

**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST, SUITE 500  
 MIDLAND TX, 79701  
 Fax To:

Received:	01/05/2026	Sampling Date:	01/02/2026
Reported:	01/08/2026	Sampling Type:	Soil
Project Name:	CRANBERRY BSU STATE COM #995H	Sampling Condition:	Cool & Intact
Project Number:	3040	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

**Sample ID: CS - 1 (3') (H260019-01)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/05/2026	ND	1.97	98.3	2.00	1.39	
Toluene*	<0.050	0.050	01/05/2026	ND	1.96	98.2	2.00	1.52	
Ethylbenzene*	<0.050	0.050	01/05/2026	ND	1.97	98.4	2.00	1.79	
Total Xylenes*	<0.150	0.150	01/05/2026	ND	5.82	97.0	6.00	2.07	
Total BTEX	<0.300	0.300	01/05/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	01/05/2026	ND	416	104	400	10.9	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/05/2026	ND	198	99.0	200	0.533	
DRO >C10-C28*	<10.0	10.0	01/05/2026	ND	225	112	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	01/05/2026	ND					

Surrogate: 1-Chlorooctane 71.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 69.9 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST, SUITE 500  
 MIDLAND TX, 79701  
 Fax To:

Received:	01/05/2026	Sampling Date:	01/02/2026
Reported:	01/08/2026	Sampling Type:	Soil
Project Name:	CRANBERRY BSU STATE COM #995H	Sampling Condition:	Cool & Intact
Project Number:	3040	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

**Sample ID: CS - 2 (3') (H260019-02)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/05/2026	ND	1.97	98.3	2.00	1.39	
Toluene*	<0.050	0.050	01/05/2026	ND	1.96	98.2	2.00	1.52	
Ethylbenzene*	<0.050	0.050	01/05/2026	ND	1.97	98.4	2.00	1.79	
Total Xylenes*	<0.150	0.150	01/05/2026	ND	5.82	97.0	6.00	2.07	
Total BTEX	<0.300	0.300	01/05/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	01/05/2026	ND	416	104	400	10.9	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/05/2026	ND	198	99.0	200	0.533	
DRO >C10-C28*	<10.0	10.0	01/05/2026	ND	225	112	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	01/05/2026	ND					

Surrogate: 1-Chlorooctane 85.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 84.2 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST, SUITE 500  
 MIDLAND TX, 79701  
 Fax To:

Received:	01/05/2026	Sampling Date:	01/02/2026
Reported:	01/08/2026	Sampling Type:	Soil
Project Name:	CRANBERRY BSU STATE COM #995H	Sampling Condition:	Cool & Intact
Project Number:	3040	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

**Sample ID: CS - 3 (4') (H260019-03)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/05/2026	ND	1.97	98.3	2.00	1.39	
Toluene*	<0.050	0.050	01/05/2026	ND	1.96	98.2	2.00	1.52	
Ethylbenzene*	<0.050	0.050	01/05/2026	ND	1.97	98.4	2.00	1.79	
Total Xylenes*	<0.150	0.150	01/05/2026	ND	5.82	97.0	6.00	2.07	
Total BTEX	<0.300	0.300	01/05/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	01/05/2026	ND	416	104	400	10.9	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/05/2026	ND	198	99.0	200	0.533	
DRO >C10-C28*	<10.0	10.0	01/05/2026	ND	225	112	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	01/05/2026	ND					

Surrogate: 1-Chlorooctane 88.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 89.3 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST, SUITE 500  
 MIDLAND TX, 79701  
 Fax To:

Received:	01/05/2026	Sampling Date:	01/02/2026
Reported:	01/08/2026	Sampling Type:	Soil
Project Name:	CRANBERRY BSU STATE COM #995H	Sampling Condition:	Cool & Intact
Project Number:	3040	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

**Sample ID: CS - 4 (4') (H260019-04)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/05/2026	ND	1.97	98.3	2.00	1.39	
Toluene*	<0.050	0.050	01/05/2026	ND	1.96	98.2	2.00	1.52	
Ethylbenzene*	<0.050	0.050	01/05/2026	ND	1.97	98.4	2.00	1.79	
Total Xylenes*	<0.150	0.150	01/05/2026	ND	5.82	97.0	6.00	2.07	
Total BTEX	<0.300	0.300	01/05/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	01/05/2026	ND	416	104	400	10.9	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/05/2026	ND	198	99.0	200	0.533	
DRO >C10-C28*	<10.0	10.0	01/05/2026	ND	225	112	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	01/05/2026	ND					

Surrogate: 1-Chlorooctane 80.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 79.4 % 39.9-141

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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST, SUITE 500  
 MIDLAND TX, 79701  
 Fax To:

Received:	01/05/2026	Sampling Date:	01/02/2026
Reported:	01/08/2026	Sampling Type:	Soil
Project Name:	CRANBERRY BSU STATE COM #995H	Sampling Condition:	Cool & Intact
Project Number:	3040	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

**Sample ID: CS - 5 (4') (H260019-05)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/05/2026	ND	1.97	98.3	2.00	1.39	
Toluene*	<0.050	0.050	01/05/2026	ND	1.96	98.2	2.00	1.52	
Ethylbenzene*	<0.050	0.050	01/05/2026	ND	1.97	98.4	2.00	1.79	
Total Xylenes*	<0.150	0.150	01/05/2026	ND	5.82	97.0	6.00	2.07	
Total BTEX	<0.300	0.300	01/05/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	01/05/2026	ND	416	104	400	10.9	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/05/2026	ND	198	99.0	200	0.533	
DRO >C10-C28*	<10.0	10.0	01/05/2026	ND	225	112	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	01/05/2026	ND					

Surrogate: 1-Chlorooctane 87.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 86.4 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST, SUITE 500  
 MIDLAND TX, 79701  
 Fax To:

Received:	01/05/2026	Sampling Date:	01/02/2026
Reported:	01/08/2026	Sampling Type:	Soil
Project Name:	CRANBERRY BSU STATE COM #995H	Sampling Condition:	Cool & Intact
Project Number:	3040	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

**Sample ID: CS - 6 (4') (H260019-06)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/05/2026	ND	1.97	98.3	2.00	1.39	
Toluene*	<0.050	0.050	01/05/2026	ND	1.96	98.2	2.00	1.52	
Ethylbenzene*	<0.050	0.050	01/05/2026	ND	1.97	98.4	2.00	1.79	
Total Xylenes*	<0.150	0.150	01/05/2026	ND	5.82	97.0	6.00	2.07	
Total BTEX	<0.300	0.300	01/05/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	01/05/2026	ND	416	104	400	10.9	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/05/2026	ND	198	99.0	200	0.533	
DRO >C10-C28*	<10.0	10.0	01/05/2026	ND	225	112	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	01/05/2026	ND					

Surrogate: 1-Chlorooctane 81.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 80.9 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST, SUITE 500  
 MIDLAND TX, 79701  
 Fax To:

Received:	01/05/2026	Sampling Date:	01/02/2026
Reported:	01/08/2026	Sampling Type:	Soil
Project Name:	CRANBERRY BSU STATE COM #995H	Sampling Condition:	Cool & Intact
Project Number:	3040	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

**Sample ID: CS - 7 (3') (H260019-07)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/05/2026	ND	1.97	98.3	2.00	1.39	
Toluene*	<0.050	0.050	01/05/2026	ND	1.96	98.2	2.00	1.52	
Ethylbenzene*	<0.050	0.050	01/05/2026	ND	1.97	98.4	2.00	1.79	
Total Xylenes*	<0.150	0.150	01/05/2026	ND	5.82	97.0	6.00	2.07	
Total BTEX	<0.300	0.300	01/05/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	01/05/2026	ND	416	104	400	10.9	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/05/2026	ND	198	99.0	200	0.533	
DRO >C10-C28*	<10.0	10.0	01/05/2026	ND	225	112	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	01/05/2026	ND					

Surrogate: 1-Chlorooctane 80.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 78.8 % 39.9-141

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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST, SUITE 500  
 MIDLAND TX, 79701  
 Fax To:

Received:	01/05/2026	Sampling Date:	01/02/2026
Reported:	01/08/2026	Sampling Type:	Soil
Project Name:	CRANBERRY BSU STATE COM #995H	Sampling Condition:	Cool & Intact
Project Number:	3040	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

**Sample ID: CS - 8 (3') (H260019-08)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/05/2026	ND	1.97	98.3	2.00	1.39	
Toluene*	<0.050	0.050	01/05/2026	ND	1.96	98.2	2.00	1.52	
Ethylbenzene*	<0.050	0.050	01/05/2026	ND	1.97	98.4	2.00	1.79	
Total Xylenes*	<0.150	0.150	01/05/2026	ND	5.82	97.0	6.00	2.07	
Total BTEX	<0.300	0.300	01/05/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	01/05/2026	ND	416	104	400	10.9	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/05/2026	ND	198	99.0	200	0.533	
DRO >C10-C28*	<10.0	10.0	01/05/2026	ND	225	112	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	01/05/2026	ND					

Surrogate: 1-Chlorooctane 82.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 81.3 % 39.9-141

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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST, SUITE 500  
 MIDLAND TX, 79701  
 Fax To:

Received:	01/05/2026	Sampling Date:	01/02/2026
Reported:	01/08/2026	Sampling Type:	Soil
Project Name:	CRANBERRY BSU STATE COM #995H	Sampling Condition:	Cool & Intact
Project Number:	3040	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

**Sample ID: CS - 9 (3') (H260019-09)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/05/2026	ND	1.97	98.3	2.00	1.39	
Toluene*	<0.050	0.050	01/05/2026	ND	1.96	98.2	2.00	1.52	
Ethylbenzene*	<0.050	0.050	01/05/2026	ND	1.97	98.4	2.00	1.79	
Total Xylenes*	<0.150	0.150	01/05/2026	ND	5.82	97.0	6.00	2.07	
Total BTEX	<0.300	0.300	01/05/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	01/05/2026	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/05/2026	ND	198	99.0	200	0.533	
DRO >C10-C28*	<10.0	10.0	01/05/2026	ND	225	112	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	01/05/2026	ND					

Surrogate: 1-Chlorooctane 70.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 70.1 % 39.9-141

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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST, SUITE 500  
 MIDLAND TX, 79701  
 Fax To:

Received:	01/05/2026	Sampling Date:	01/02/2026
Reported:	01/08/2026	Sampling Type:	Soil
Project Name:	CRANBERRY BSU STATE COM #995H	Sampling Condition:	Cool & Intact
Project Number:	3040	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

**Sample ID: CS - 10 (3') (H260019-10)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/05/2026	ND	1.97	98.3	2.00	1.39	
Toluene*	<0.050	0.050	01/05/2026	ND	1.96	98.2	2.00	1.52	
Ethylbenzene*	<0.050	0.050	01/05/2026	ND	1.97	98.4	2.00	1.79	
Total Xylenes*	<0.150	0.150	01/05/2026	ND	5.82	97.0	6.00	2.07	
Total BTEX	<0.300	0.300	01/05/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	01/05/2026	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/05/2026	ND	198	99.0	200	0.533	
DRO >C10-C28*	<10.0	10.0	01/05/2026	ND	225	112	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	01/05/2026	ND					

Surrogate: 1-Chlorooctane 82.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 80.4 % 39.9-141

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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST, SUITE 500  
 MIDLAND TX, 79701  
 Fax To:

Received:	01/05/2026	Sampling Date:	01/02/2026
Reported:	01/08/2026	Sampling Type:	Soil
Project Name:	CRANBERRY BSU STATE COM #995H	Sampling Condition:	Cool & Intact
Project Number:	3040	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

**Sample ID: CS - 11 (3') (H260019-11)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/05/2026	ND	1.97	98.3	2.00	1.39	
Toluene*	<0.050	0.050	01/05/2026	ND	1.96	98.2	2.00	1.52	
Ethylbenzene*	<0.050	0.050	01/05/2026	ND	1.97	98.4	2.00	1.79	
Total Xylenes*	<0.150	0.150	01/05/2026	ND	5.82	97.0	6.00	2.07	
Total BTEX	<0.300	0.300	01/05/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	01/05/2026	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/05/2026	ND	198	99.0	200	0.533	
DRO >C10-C28*	<10.0	10.0	01/05/2026	ND	225	112	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	01/05/2026	ND					

Surrogate: 1-Chlorooctane 72.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 70.5 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST, SUITE 500  
 MIDLAND TX, 79701  
 Fax To:

Received:	01/05/2026	Sampling Date:	01/02/2026
Reported:	01/08/2026	Sampling Type:	Soil
Project Name:	CRANBERRY BSU STATE COM #995H	Sampling Condition:	Cool & Intact
Project Number:	3040	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

**Sample ID: SW - 1 (3') (H260019-12)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/05/2026	ND	1.97	98.3	2.00	1.39	
Toluene*	<0.050	0.050	01/05/2026	ND	1.96	98.2	2.00	1.52	
Ethylbenzene*	<0.050	0.050	01/05/2026	ND	1.97	98.4	2.00	1.79	
Total Xylenes*	<0.150	0.150	01/05/2026	ND	5.82	97.0	6.00	2.07	
Total BTEX	<0.300	0.300	01/05/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	01/05/2026	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/05/2026	ND	198	99.0	200	0.533	
DRO >C10-C28*	<10.0	10.0	01/05/2026	ND	225	112	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	01/05/2026	ND					

Surrogate: 1-Chlorooctane 79.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 78.1 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST, SUITE 500  
 MIDLAND TX, 79701  
 Fax To:

Received:	01/05/2026	Sampling Date:	01/02/2026
Reported:	01/08/2026	Sampling Type:	Soil
Project Name:	CRANBERRY BSU STATE COM #995H	Sampling Condition:	Cool & Intact
Project Number:	3040	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

**Sample ID: SW - 2 (3') (H260019-13)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/05/2026	ND	1.97	98.3	2.00	1.39	
Toluene*	<0.050	0.050	01/05/2026	ND	1.96	98.2	2.00	1.52	
Ethylbenzene*	<0.050	0.050	01/05/2026	ND	1.97	98.4	2.00	1.79	
Total Xylenes*	<0.150	0.150	01/05/2026	ND	5.82	97.0	6.00	2.07	
Total BTEX	<0.300	0.300	01/05/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	01/05/2026	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/05/2026	ND	198	99.0	200	0.533	
DRO >C10-C28*	<10.0	10.0	01/05/2026	ND	225	112	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	01/05/2026	ND					

Surrogate: 1-Chlorooctane 86.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 85.3 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST, SUITE 500  
 MIDLAND TX, 79701  
 Fax To:

Received:	01/05/2026	Sampling Date:	01/02/2026
Reported:	01/08/2026	Sampling Type:	Soil
Project Name:	CRANBERRY BSU STATE COM #995H	Sampling Condition:	Cool & Intact
Project Number:	3040	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

**Sample ID: SW - 3 (4') (H260019-14)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/05/2026	ND	1.97	98.3	2.00	1.39	
Toluene*	<0.050	0.050	01/05/2026	ND	1.96	98.2	2.00	1.52	
Ethylbenzene*	<0.050	0.050	01/05/2026	ND	1.97	98.4	2.00	1.79	
Total Xylenes*	<0.150	0.150	01/05/2026	ND	5.82	97.0	6.00	2.07	
Total BTEX	<0.300	0.300	01/05/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	01/05/2026	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/05/2026	ND	198	99.0	200	0.533	
DRO >C10-C28*	<10.0	10.0	01/05/2026	ND	225	112	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	01/05/2026	ND					

Surrogate: 1-Chlorooctane 78.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 75.7 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST, SUITE 500  
 MIDLAND TX, 79701  
 Fax To:

Received:	01/05/2026	Sampling Date:	01/02/2026
Reported:	01/08/2026	Sampling Type:	Soil
Project Name:	CRANBERRY BSU STATE COM #995H	Sampling Condition:	Cool & Intact
Project Number:	3040	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

**Sample ID: SW - 4 (4') (H260019-15)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/05/2026	ND	1.97	98.3	2.00	1.39	
Toluene*	<0.050	0.050	01/05/2026	ND	1.96	98.2	2.00	1.52	
Ethylbenzene*	<0.050	0.050	01/05/2026	ND	1.97	98.4	2.00	1.79	
Total Xylenes*	<0.150	0.150	01/05/2026	ND	5.82	97.0	6.00	2.07	
Total BTEX	<0.300	0.300	01/05/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	01/05/2026	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/05/2026	ND	198	99.0	200	0.533	
DRO >C10-C28*	<10.0	10.0	01/05/2026	ND	225	112	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	01/05/2026	ND					

Surrogate: 1-Chlorooctane 88.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 87.1 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST, SUITE 500  
 MIDLAND TX, 79701  
 Fax To:

Received:	01/05/2026	Sampling Date:	01/02/2026
Reported:	01/08/2026	Sampling Type:	Soil
Project Name:	CRANBERRY BSU STATE COM #995H	Sampling Condition:	Cool & Intact
Project Number:	3040	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

**Sample ID: SW - 5 (4') (H260019-16)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/05/2026	ND	1.97	98.3	2.00	1.39	
Toluene*	<0.050	0.050	01/05/2026	ND	1.96	98.2	2.00	1.52	
Ethylbenzene*	<0.050	0.050	01/05/2026	ND	1.97	98.4	2.00	1.79	
Total Xylenes*	<0.150	0.150	01/05/2026	ND	5.82	97.0	6.00	2.07	
Total BTEX	<0.300	0.300	01/05/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	01/05/2026	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/05/2026	ND	215	107	200	0.195	
DRO >C10-C28*	<10.0	10.0	01/05/2026	ND	220	110	200	0.483	
EXT DRO >C28-C36	<10.0	10.0	01/05/2026	ND					

Surrogate: 1-Chlorooctane 90.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 83.1 % 39.9-141

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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST, SUITE 500  
 MIDLAND TX, 79701  
 Fax To:

Received:	01/05/2026	Sampling Date:	01/02/2026
Reported:	01/08/2026	Sampling Type:	Soil
Project Name:	CRANBERRY BSU STATE COM #995H	Sampling Condition:	Cool & Intact
Project Number:	3040	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

**Sample ID: SW - 6 (4') (H260019-17)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/05/2026	ND	1.97	98.3	2.00	1.39	
Toluene*	<0.050	0.050	01/05/2026	ND	1.96	98.2	2.00	1.52	
Ethylbenzene*	<0.050	0.050	01/05/2026	ND	1.97	98.4	2.00	1.79	
Total Xylenes*	<0.150	0.150	01/05/2026	ND	5.82	97.0	6.00	2.07	
Total BTEX	<0.300	0.300	01/05/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	01/05/2026	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/05/2026	ND	215	107	200	0.195	
DRO >C10-C28*	<10.0	10.0	01/05/2026	ND	220	110	200	0.483	
EXT DRO >C28-C36	<10.0	10.0	01/05/2026	ND					

Surrogate: 1-Chlorooctane 95.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 86.8 % 39.9-141

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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST, SUITE 500  
 MIDLAND TX, 79701  
 Fax To:

Received:	01/05/2026	Sampling Date:	01/02/2026
Reported:	01/08/2026	Sampling Type:	Soil
Project Name:	CRANBERRY BSU STATE COM #995H	Sampling Condition:	Cool & Intact
Project Number:	3040	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

**Sample ID: SW - 7 (3') (H260019-18)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/05/2026	ND	1.97	98.3	2.00	1.39	
Toluene*	<0.050	0.050	01/05/2026	ND	1.96	98.2	2.00	1.52	
Ethylbenzene*	<0.050	0.050	01/05/2026	ND	1.97	98.4	2.00	1.79	
Total Xylenes*	<0.150	0.150	01/05/2026	ND	5.82	97.0	6.00	2.07	
Total BTEX	<0.300	0.300	01/05/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	01/05/2026	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/05/2026	ND	215	107	200	0.195	
DRO >C10-C28*	<10.0	10.0	01/05/2026	ND	220	110	200	0.483	
EXT DRO >C28-C36	<10.0	10.0	01/05/2026	ND					

Surrogate: 1-Chlorooctane 88.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 84.7 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES  
 CONNER MOEHRING  
 310 W WALL ST, SUITE 500  
 MIDLAND TX, 79701  
 Fax To:

Received:	01/05/2026	Sampling Date:	01/02/2026
Reported:	01/08/2026	Sampling Type:	Soil
Project Name:	CRANBERRY BSU STATE COM #995H	Sampling Condition:	Cool & Intact
Project Number:	3040	Sample Received By:	Tamara Oldaker
Project Location:	EOG-LEA COUNTY, NM		

**Sample ID: SW - 8 (3') (H260019-19)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/05/2026	ND	1.97	98.3	2.00	1.39	
Toluene*	<0.050	0.050	01/05/2026	ND	1.96	98.2	2.00	1.52	
Ethylbenzene*	<0.050	0.050	01/05/2026	ND	1.97	98.4	2.00	1.79	
Total Xylenes*	<0.150	0.150	01/05/2026	ND	5.82	97.0	6.00	2.07	
Total BTEX	<0.300	0.300	01/05/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	01/05/2026	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/05/2026	ND	215	107	200	0.195	
DRO >C10-C28*	<10.0	10.0	01/05/2026	ND	220	110	200	0.483	
EXT DRO >C28-C36	<10.0	10.0	01/05/2026	ND					

Surrogate: 1-Chlorooctane 98.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 88.2 % 39.9-141

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Notes and Definitions

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

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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: 18100019

Page 1 of 2

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

Work Order Comments  
 Program: UST/PST  PRP  Brownfields  RRC  Superfund   
 State of Project:   
 Reporting Level: Level II  Level III  PST/UST  RRP  Level IV   
 Deliverables: EDD  ADAPT  Other:

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST				Preservative Codes
							BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500		
CS-1 (3)	1/2/2026		X		C	1	X	X	X		
CS-2 (3)	1/2/2026		X		C	1	X	X	X		
CS-3 (4)	1/2/2026		X		C	1	X	X	X		
CS-4 (4)	1/2/2026		X		C	1	X	X	X		
CS-5 (4)	1/2/2026		X		C	1	X	X	X		
CS-6 (4)	1/2/2026		X		C	1	X	X	X		
CS-7 (3)	1/2/2026		X		C	1	X	X	X		
CS-8 (3)	1/2/2026		X		C	1	X	X	X		
CS-9 (3)	1/2/2026		X		C	1	X	X	X		
CS-10 (3)	1/2/2026		X		C	1	X	X	X		

Project Name: Cranberry BSU State Com #995H Turn Around  Rush   
 Project Number: 3040 Due Date: 72 HR TAT  
 Project Location: Lea County, NM  
 Sampler's Name: FV  
 PO #:   
 SAMPLE RECEIPT  
 Received Intact: Yes  No  Thermometer ID: #1140  
 Cooler Custody Seals: Yes  No  Correction Factor: +0.3%  
 Sample Custody Seals: Yes  No  Temperature Reading: -1.3%  
 Total Containers: 1.0c Corrected Temperature:

Parameters  
 Wet Ice: Yes  No   
 None: NO DI Water: H<sub>2</sub>O  
 Cool: Cool MeOH: Me  
 HCL: HC HNO<sub>3</sub>: HN  
 H<sub>2</sub>SO<sub>4</sub>: H<sub>2</sub> NaOH: Na  
 H<sub>3</sub>PO<sub>4</sub>: HP  
 NaHSO<sub>4</sub>: NABIS  
 Na<sub>2</sub>S<sub>2</sub>O<sub>5</sub>: NaSO<sub>3</sub>  
 Zn Acetate+NaOH: Zn  
 NaOH+Ascorbic Acid: SAPC

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

*NO Labels*

Relinquished by: (Signature)  
*Conner Moehring*

Date/Time  
1-5-26 1212

Received by: (Signature)  
*Michelle [Signature]*

Date/Time

Chain of Custody

Work Order No: HA00019

Page 2 of 2

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	211 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	432-813-6823	Email:	Todd Wells@eogresources.com

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

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST			Preservative Codes
							BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	
CS-11 (3)	1/2/2026		X		C	1	X	X	X	None: NO DI Water: H <sub>2</sub> O
SW-1 (3)	1/2/2026		X		C	1	X	X	X	Cool: Cool MeOH: Me
SW-2 (3)	1/2/2026		X		C	1	X	X	X	HCL: HC HNO <sub>3</sub> : HN
SW-3 (4)	1/2/2026		X		C	1	X	X	X	H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>
SW-4 (4)	1/2/2026		X		C	1	X	X	X	H <sub>3</sub> PO <sub>4</sub> : HP
SW-5 (4)	1/2/2026		X		C	1	X	X	X	NaHSO <sub>4</sub> : NABIS
SW-6 (4)	1/2/2026		X		C	1	X	X	X	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>
SW-7 (3)	1/2/2026		X		C	1	X	X	X	Zn Acetate+NaOH: Zn
SW-8 (3)	1/2/2026		X		C	1	X	X	X	NaOH+Ascorbic Acid: SAPC

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

*AD Labels*

Relinquished by: (Signature)	<i>Conner Moehring</i>	Date/Time	1-5-26 12:12
Received by: (Signature)	<i>Janina [Signature]</i>	Date/Time	



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

January 21, 2026

CONNER MOEHRING  
CARMONA RESOURCES  
310 W WALL ST, SUITE 500  
MIDLAND, TX 79701

RE: CRANBERRY BSU STATE COM #005H

Enclosed are the results of analyses for samples received by the laboratory on 01/20/26 16:06.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/ga/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/ga/lab_accred_certif.html).

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B      Total Coliform and E. coli (Colilert MMO-MUG)  
Method EPA 524.2      Regulated VOCs and Total Trihalomethanes (TTHM)  
Method EPA 552.2      Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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. Keene  
Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRANBERRY BSU STATE COM #001 Project Number: 3040 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Jan-26 15:04
--	--	------------------------------

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CS - 12 (3')	H260367-01	Soil	20-Jan-26 00:00	20-Jan-26 16:06
CS - 13 (3')	H260367-02	Soil	20-Jan-26 00:00	20-Jan-26 16:06
CS - 14 (3')	H260367-03	Soil	20-Jan-26 00:00	20-Jan-26 16:06
CS - 15 (3')	H260367-04	Soil	20-Jan-26 00:00	20-Jan-26 16:06
CS - 16 (3')	H260367-05	Soil	20-Jan-26 00:00	20-Jan-26 16:06
CS - 17 (3')	H260367-06	Soil	20-Jan-26 00:00	20-Jan-26 16:06
CS - 18 (3')	H260367-07	Soil	20-Jan-26 00:00	20-Jan-26 16:06
CS - 19 (3')	H260367-08	Soil	20-Jan-26 00:00	20-Jan-26 16:06
CS - 20 (3')	H260367-09	Soil	20-Jan-26 00:00	20-Jan-26 16:06
CS - 21 (3')	H260367-10	Soil	20-Jan-26 00:00	20-Jan-26 16:06
CS - 22 (3')	H260367-11	Soil	20-Jan-26 00:00	20-Jan-26 16:06
CS - 23 (3')	H260367-12	Soil	20-Jan-26 00:00	20-Jan-26 16:06
CS - 24 (3')	H260367-13	Soil	20-Jan-26 00:00	20-Jan-26 16:06
CS - 25 (3')	H260367-14	Soil	20-Jan-26 00:00	20-Jan-26 16:06
CS - 26 (3')	H260367-15	Soil	20-Jan-26 00:00	20-Jan-26 16:06
CS - 27 (3')	H260367-16	Soil	20-Jan-26 00:00	20-Jan-26 16:06
CS - 28 (3')	H260367-17	Soil	20-Jan-26 00:00	20-Jan-26 16:06
CS - 29 (3')	H260367-18	Soil	20-Jan-26 00:00	20-Jan-26 16:06
CS - 30 (2')	H260367-19	Soil	20-Jan-26 00:00	20-Jan-26 16:06
CS - 31 (2')	H260367-20	Soil	20-Jan-26 00:00	20-Jan-26 16:06
CS - 32 (2')	H260367-21	Soil	20-Jan-26 00:00	20-Jan-26 16:06
CS - 33 (2')	H260367-22	Soil	20-Jan-26 00:00	20-Jan-26 16:06
CS - 34 (2')	H260367-23	Soil	20-Jan-26 00:00	20-Jan-26 16:06
CS - 35 (2')	H260367-24	Soil	20-Jan-26 00:00	20-Jan-26 16:06
SW - 9 (3')	H260367-25	Soil	20-Jan-26 00:00	20-Jan-26 16:06
SW - 10 (3')	H260367-26	Soil	20-Jan-26 00:00	20-Jan-26 16:06
SW - 11 (3')	H260367-27	Soil	20-Jan-26 00:00	20-Jan-26 16:06

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**Analytical Results For:**

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRANBERRY BSU STATE COM #00! Project Number: 3040 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Jan-26 15:04
--	--	------------------------------

SW - 12 (3')	H260367-28	Soil	20-Jan-26 00:00	20-Jan-26 16:06
SW - 13 (3')	H260367-29	Soil	20-Jan-26 00:00	20-Jan-26 16:06
SW - 14 (2')	H260367-30	Soil	20-Jan-26 00:00	20-Jan-26 16:06
SW - 15 (1')	H260367-31	Soil	20-Jan-26 00:00	20-Jan-26 16:06
SW - 16 (1')	H260367-32	Soil	20-Jan-26 00:00	20-Jan-26 16:06
SW - 17 (1')	H260367-33	Soil	20-Jan-26 00:00	20-Jan-26 16:06

**CASE NARRATIVE:**

No lot numbers available on containers for traceability.

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**Analytical Results For:**

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRANBERRY BSU STATE COM #00! Project Number: 3040 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Jan-26 15:04
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**CS - 12 (3')  
H260367-01 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	6012048	AC	21-Jan-26	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	6012029	JH	20-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6012029	JH	20-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6012029	JH	20-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6012029	JH	20-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6012029	JH	20-Jan-26	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			103 %	70.4-141		6012029	JH	20-Jan-26	8021B	

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012044	JF	20-Jan-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6012044	JF	20-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012044	JF	20-Jan-26	8015B	
Surrogate: 1-Chlorooctane			96.4 %	52.4-130		6012044	JF	20-Jan-26	8015B	
Surrogate: 1-Chlorooctadecane			94.4 %	39.9-141		6012044	JF	20-Jan-26	8015B	

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**Analytical Results For:**

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRANBERRY BSU STATE COM #00! Project Number: 3040 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Jan-26 15:04
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**CS - 13 (3')  
H260367-02 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	6012048	AC	21-Jan-26	4500-CI-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	6012029	JH	20-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6012029	JH	20-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6012029	JH	20-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6012029	JH	20-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6012029	JH	20-Jan-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	70.4-141		6012029	JH	20-Jan-26	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012044	JF	20-Jan-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6012044	JF	20-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012044	JF	20-Jan-26	8015B	

Surrogate: 1-Chlorooctane			101 %	52.4-130		6012044	JF	20-Jan-26	8015B	
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Surrogate: 1-Chlorooctadecane			97.9 %	39.9-141		6012044	JF	20-Jan-26	8015B	
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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRANBERRY BSU STATE COM #00! Project Number: 3040 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Jan-26 15:04
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**CS - 14 (3')  
H260367-03 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	6012048	AC	21-Jan-26	4500-CI-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	6012029	JH	20-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6012029	JH	20-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6012029	JH	20-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6012029	JH	20-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6012029	JH	20-Jan-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %	70.4-141		6012029	JH	20-Jan-26	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012044	JF	20-Jan-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6012044	JF	20-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012044	JF	20-Jan-26	8015B	

Surrogate: 1-Chlorooctane			98.4 %	52.4-130		6012044	JF	20-Jan-26	8015B	
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Surrogate: 1-Chlorooctadecane			96.7 %	39.9-141		6012044	JF	20-Jan-26	8015B	
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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRANBERRY BSU STATE COM #00! Project Number: 3040 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Jan-26 15:04
--	--	------------------------------

**CS - 15 (3')  
H260367-04 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	6012048	AC	21-Jan-26	4500-CI-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	6012029	JH	20-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6012029	JH	20-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6012029	JH	20-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6012029	JH	20-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6012029	JH	20-Jan-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			108 %	70.4-141		6012029	JH	20-Jan-26	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012044	JF	20-Jan-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6012044	JF	20-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012044	JF	20-Jan-26	8015B	

Surrogate: 1-Chlorooctane			99.9 %	52.4-130		6012044	JF	20-Jan-26	8015B	
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Surrogate: 1-Chlorooctadecane			96.0 %	39.9-141		6012044	JF	20-Jan-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRANBERRY BSU STATE COM #00! Project Number: 3040 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Jan-26 15:04
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**CS - 16 (3')  
H260367-05 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>16.0</b>		16.0	mg/kg	4	6012048	AC	21-Jan-26	4500-CI-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	6012029	JH	20-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6012029	JH	20-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6012029	JH	20-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6012029	JH	20-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6012029	JH	20-Jan-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			103 %	70.4-141		6012029	JH	20-Jan-26	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012044	JF	20-Jan-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6012044	JF	20-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012044	JF	20-Jan-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			98.0 %	52.4-130		6012044	JF	20-Jan-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			93.3 %	39.9-141		6012044	JF	20-Jan-26	8015B	
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**Analytical Results For:**

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRANBERRY BSU STATE COM #00! Project Number: 3040 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Jan-26 15:04
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**CS - 17 (3')  
H260367-06 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	6012048	AC	21-Jan-26	4500-CI-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	6012029	JH	20-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6012029	JH	20-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6012029	JH	20-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6012029	JH	20-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6012029	JH	20-Jan-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			106 %	70.4-141		6012029	JH	20-Jan-26	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012044	JF	20-Jan-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6012044	JF	20-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012044	JF	20-Jan-26	8015B	

Surrogate: 1-Chlorooctane			101 %	52.4-130		6012044	JF	20-Jan-26	8015B	
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Surrogate: 1-Chlorooctadecane			96.8 %	39.9-141		6012044	JF	20-Jan-26	8015B	
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**Analytical Results For:**

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRANBERRY BSU STATE COM #00! Project Number: 3040 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Jan-26 15:04
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**CS - 18 (3')  
H260367-07 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	6012048	AC	21-Jan-26	4500-CI-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	6012029	JH	20-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6012029	JH	20-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6012029	JH	20-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6012029	JH	20-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6012029	JH	20-Jan-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			106 %	70.4-141		6012029	JH	20-Jan-26	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012044	JF	20-Jan-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6012044	JF	20-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012044	JF	20-Jan-26	8015B	

Surrogate: 1-Chlorooctane			97.5 %	52.4-130		6012044	JF	20-Jan-26	8015B	
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Surrogate: 1-Chlorooctadecane			93.4 %	39.9-141		6012044	JF	20-Jan-26	8015B	
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**Analytical Results For:**

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRANBERRY BSU STATE COM #00! Project Number: 3040 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Jan-26 15:04
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**CS - 19 (3')  
H260367-08 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>16.0</b>		16.0	mg/kg	4	6012048	AC	21-Jan-26	4500-CI-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	6012029	JH	20-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6012029	JH	20-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6012029	JH	20-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6012029	JH	20-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6012029	JH	20-Jan-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			106 %	70.4-141		6012029	JH	20-Jan-26	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012044	JF	20-Jan-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6012044	JF	20-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012044	JF	20-Jan-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			115 %	52.4-130		6012044	JF	20-Jan-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			109 %	39.9-141		6012044	JF	20-Jan-26	8015B	
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**Analytical Results For:**

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRANBERRY BSU STATE COM #00! Project Number: 3040 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Jan-26 15:04
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**CS - 20 (3')  
H260367-09 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	6012048	AC	21-Jan-26	4500-CI-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	6012029	JH	20-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6012029	JH	20-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6012029	JH	20-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6012029	JH	20-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6012029	JH	20-Jan-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			109 %	70.4-141		6012029	JH	20-Jan-26	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012044	JF	20-Jan-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6012044	JF	20-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012044	JF	20-Jan-26	8015B	

Surrogate: 1-Chlorooctane			111 %	52.4-130		6012044	JF	20-Jan-26	8015B	
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Surrogate: 1-Chlorooctadecane			108 %	39.9-141		6012044	JF	20-Jan-26	8015B	
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**Analytical Results For:**

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRANBERRY BSU STATE COM #00! Project Number: 3040 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Jan-26 15:04
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**CS - 21 (3')  
H260367-10 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>16.0</b>		16.0	mg/kg	4	6012048	AC	21-Jan-26	4500-CI-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6012043	JH	20-Jan-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			99.6 %	70.4-141		6012043	JH	20-Jan-26	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012044	JF	20-Jan-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6012044	JF	20-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012044	JF	20-Jan-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			105 %	52.4-130		6012044	JF	20-Jan-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			103 %	39.9-141		6012044	JF	20-Jan-26	8015B	
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**Analytical Results For:**

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRANBERRY BSU STATE COM #00! Project Number: 3040 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Jan-26 15:04
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**CS - 22 (3')  
H260367-11 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	6012048	AC	21-Jan-26	4500-CI-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6012043	JH	20-Jan-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			97.5 %	70.4-141		6012043	JH	20-Jan-26	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012044	JF	20-Jan-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6012044	JF	20-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012044	JF	20-Jan-26	8015B	

Surrogate: 1-Chlorooctane			98.9 %	52.4-130		6012044	JF	20-Jan-26	8015B	
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Surrogate: 1-Chlorooctadecane			94.9 %	39.9-141		6012044	JF	20-Jan-26	8015B	
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**Analytical Results For:**

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRANBERRY BSU STATE COM #00! Project Number: 3040 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Jan-26 15:04
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**CS - 23 (3')  
H260367-12 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	6012048	AC	21-Jan-26	4500-CI-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6012043	JH	20-Jan-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			99.9 %	70.4-141		6012043	JH	20-Jan-26	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012044	JF	20-Jan-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6012044	JF	20-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012044	JF	20-Jan-26	8015B	

Surrogate: 1-Chlorooctane			99.8 %	52.4-130		6012044	JF	20-Jan-26	8015B	
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Surrogate: 1-Chlorooctadecane			94.5 %	39.9-141		6012044	JF	20-Jan-26	8015B	
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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRANBERRY BSU STATE COM #00! Project Number: 3040 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Jan-26 15:04
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**CS - 24 (3')  
H260367-13 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	6012048	AC	21-Jan-26	4500-CI-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6012043	JH	20-Jan-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			99.3 %	70.4-141		6012043	JH	20-Jan-26	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012044	JF	20-Jan-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6012044	JF	20-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012044	JF	20-Jan-26	8015B	

Surrogate: 1-Chlorooctane			99.0 %	52.4-130		6012044	JF	20-Jan-26	8015B	
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Surrogate: 1-Chlorooctadecane			93.9 %	39.9-141		6012044	JF	20-Jan-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRANBERRY BSU STATE COM #00! Project Number: 3040 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Jan-26 15:04
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**CS - 25 (3')  
H260367-14 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	6012048	AC	21-Jan-26	4500-CI-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6012043	JH	20-Jan-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			98.1 %	70.4-141		6012043	JH	20-Jan-26	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012044	JF	20-Jan-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6012044	JF	20-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012044	JF	20-Jan-26	8015B	

Surrogate: 1-Chlorooctane			98.4 %	52.4-130		6012044	JF	20-Jan-26	8015B	
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Surrogate: 1-Chlorooctadecane			93.7 %	39.9-141		6012044	JF	20-Jan-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRANBERRY BSU STATE COM #00! Project Number: 3040 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Jan-26 15:04
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**CS - 26 (3')  
H260367-15 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>16.0</b>		16.0	mg/kg	4	6012048	AC	21-Jan-26	4500-CI-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6012043	JH	20-Jan-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			97.8 %	70.4-141		6012043	JH	20-Jan-26	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012044	JF	21-Jan-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6012044	JF	21-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012044	JF	21-Jan-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			92.5 %	52.4-130		6012044	JF	21-Jan-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			87.7 %	39.9-141		6012044	JF	21-Jan-26	8015B	
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**Analytical Results For:**

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRANBERRY BSU STATE COM #00! Project Number: 3040 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Jan-26 15:04
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**CS - 27 (3')  
H260367-16 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	6012048	AC	21-Jan-26	4500-CI-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6012043	JH	20-Jan-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			101 %	70.4-141		6012043	JH	20-Jan-26	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012044	JF	21-Jan-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6012044	JF	21-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012044	JF	21-Jan-26	8015B	

Surrogate: 1-Chlorooctane			103 %	52.4-130		6012044	JF	21-Jan-26	8015B	
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Surrogate: 1-Chlorooctadecane			97.8 %	39.9-141		6012044	JF	21-Jan-26	8015B	
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**Analytical Results For:**

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRANBERRY BSU STATE COM #00! Project Number: 3040 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Jan-26 15:04
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**CS - 28 (3')  
H260367-17 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	6012048	AC	21-Jan-26	4500-CI-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6012043	JH	20-Jan-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			101 %	70.4-141		6012043	JH	20-Jan-26	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012044	JF	21-Jan-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6012044	JF	21-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012044	JF	21-Jan-26	8015B	

Surrogate: 1-Chlorooctane			94.4 %	52.4-130		6012044	JF	21-Jan-26	8015B	
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Surrogate: 1-Chlorooctadecane			89.5 %	39.9-141		6012044	JF	21-Jan-26	8015B	
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**Analytical Results For:**

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRANBERRY BSU STATE COM #00! Project Number: 3040 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Jan-26 15:04
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**CS - 29 (3')  
H260367-18 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	6012048	AC	21-Jan-26	4500-CI-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6012043	JH	20-Jan-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			99.2 %	70.4-141		6012043	JH	20-Jan-26	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012045	MS	20-Jan-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6012045	MS	20-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012045	MS	20-Jan-26	8015B	

Surrogate: 1-Chlorooctane			102 %	52.4-130		6012045	MS	20-Jan-26	8015B	
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Surrogate: 1-Chlorooctadecane			105 %	39.9-141		6012045	MS	20-Jan-26	8015B	
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**Analytical Results For:**

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRANBERRY BSU STATE COM #00! Project Number: 3040 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Jan-26 15:04
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**CS - 30 (2')  
H260367-19 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>32.0</b>		16.0	mg/kg	4	6012048	AC	21-Jan-26	4500-CI-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6012043	JH	20-Jan-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			101 %	70.4-141		6012043	JH	20-Jan-26	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012045	MS	20-Jan-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6012045	MS	20-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012045	MS	20-Jan-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			106 %	52.4-130		6012045	MS	20-Jan-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			108 %	39.9-141		6012045	MS	20-Jan-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRANBERRY BSU STATE COM #00! Project Number: 3040 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Jan-26 15:04
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**CS - 31 (2')  
H260367-20 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	6012049	AC	21-Jan-26	4500-CI-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6012043	JH	20-Jan-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			98.8 %	70.4-141		6012043	JH	20-Jan-26	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012045	MS	21-Jan-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6012045	MS	21-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012045	MS	21-Jan-26	8015B	

Surrogate: 1-Chlorooctane			105 %	52.4-130		6012045	MS	21-Jan-26	8015B	
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Surrogate: 1-Chlorooctadecane			108 %	39.9-141		6012045	MS	21-Jan-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRANBERRY BSU STATE COM #00! Project Number: 3040 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Jan-26 15:04
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**CS - 32 (2')  
H260367-21 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	6012049	AC	21-Jan-26	4500-CI-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6012043	JH	20-Jan-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			99.0 %	70.4-141		6012043	JH	20-Jan-26	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012045	MS	21-Jan-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6012045	MS	21-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012045	MS	21-Jan-26	8015B	

Surrogate: 1-Chlorooctane			78.4 %	52.4-130		6012045	MS	21-Jan-26	8015B	
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Surrogate: 1-Chlorooctadecane			79.5 %	39.9-141		6012045	MS	21-Jan-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRANBERRY BSU STATE COM #00! Project Number: 3040 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Jan-26 15:04
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**CS - 33 (2')  
H260367-22 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>32.0</b>		16.0	mg/kg	4	6012049	AC	21-Jan-26	4500-CI-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6012043	JH	20-Jan-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			99.5 %	70.4-141		6012043	JH	20-Jan-26	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012045	MS	21-Jan-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6012045	MS	21-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012045	MS	21-Jan-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			111 %	52.4-130		6012045	MS	21-Jan-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			113 %	39.9-141		6012045	MS	21-Jan-26	8015B	
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**Analytical Results For:**

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRANBERRY BSU STATE COM #00! Project Number: 3040 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Jan-26 15:04
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**CS - 34 (2')  
H260367-23 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	6012049	AC	21-Jan-26	4500-CI-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6012043	JH	20-Jan-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			95.4 %	70.4-141		6012043	JH	20-Jan-26	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012045	MS	21-Jan-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6012045	MS	21-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012045	MS	21-Jan-26	8015B	

Surrogate: 1-Chlorooctane			100 %	52.4-130		6012045	MS	21-Jan-26	8015B	
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Surrogate: 1-Chlorooctadecane			103 %	39.9-141		6012045	MS	21-Jan-26	8015B	
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**Analytical Results For:**

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRANBERRY BSU STATE COM #00! Project Number: 3040 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Jan-26 15:04
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**CS - 35 (2')  
H260367-24 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	6012049	AC	21-Jan-26	4500-CI-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6012043	JH	20-Jan-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			96.9 %	70.4-141		6012043	JH	20-Jan-26	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012045	MS	21-Jan-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6012045	MS	21-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012045	MS	21-Jan-26	8015B	

Surrogate: 1-Chlorooctane			95.9 %	52.4-130		6012045	MS	21-Jan-26	8015B	
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Surrogate: 1-Chlorooctadecane			99.5 %	39.9-141		6012045	MS	21-Jan-26	8015B	
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**Analytical Results For:**

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRANBERRY BSU STATE COM #00! Project Number: 3040 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Jan-26 15:04
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**SW - 9 (3')  
H260367-25 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	6012049	AC	21-Jan-26	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6012043	JH	20-Jan-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			98.9 %	70.4-141		6012043	JH	20-Jan-26	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012045	MS	21-Jan-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6012045	MS	21-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012045	MS	21-Jan-26	8015B	

Surrogate: 1-Chlorooctane			93.2 %	52.4-130		6012045	MS	21-Jan-26	8015B	
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Surrogate: 1-Chlorooctadecane			97.0 %	39.9-141		6012045	MS	21-Jan-26	8015B	
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**Analytical Results For:**

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRANBERRY BSU STATE COM #00! Project Number: 3040 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Jan-26 15:04
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**SW - 10 (3')  
H260367-26 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>32.0</b>		16.0	mg/kg	4	6012049	AC	21-Jan-26	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6012043	JH	20-Jan-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			98.8 %		70.4-141	6012043	JH	20-Jan-26	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012045	MS	21-Jan-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6012045	MS	21-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012045	MS	21-Jan-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			92.7 %		52.4-130	6012045	MS	21-Jan-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			96.1 %		39.9-141	6012045	MS	21-Jan-26	8015B	
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**Analytical Results For:**

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRANBERRY BSU STATE COM #00! Project Number: 3040 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Jan-26 15:04
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**SW - 11 (3')  
H260367-27 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	6012049	AC	21-Jan-26	4500-CI-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6012043	JH	20-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6012043	JH	20-Jan-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			96.9 %	70.4-141		6012043	JH	20-Jan-26	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012045	MS	21-Jan-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6012045	MS	21-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012045	MS	21-Jan-26	8015B	

Surrogate: 1-Chlorooctane			94.9 %	52.4-130		6012045	MS	21-Jan-26	8015B	
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Surrogate: 1-Chlorooctadecane			97.5 %	39.9-141		6012045	MS	21-Jan-26	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRANBERRY BSU STATE COM #00! Project Number: 3040 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Jan-26 15:04
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**SW - 12 (3')  
H260367-28 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>32.0</b>		16.0	mg/kg	4	6012049	AC	21-Jan-26	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	6012043	JH	21-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6012043	JH	21-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6012043	JH	21-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6012043	JH	21-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6012043	JH	21-Jan-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			97.4 %	70.4-141		6012043	JH	21-Jan-26	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012045	MS	21-Jan-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6012045	MS	21-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012045	MS	21-Jan-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			93.7 %	52.4-130		6012045	MS	21-Jan-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			96.7 %	39.9-141		6012045	MS	21-Jan-26	8015B	
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**Analytical Results For:**

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRANBERRY BSU STATE COM #00! Project Number: 3040 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Jan-26 15:04
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**SW - 13 (3')  
H260367-29 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	6012049	AC	21-Jan-26	4500-CI-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	6012043	JH	21-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6012043	JH	21-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6012043	JH	21-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6012043	JH	21-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6012043	JH	21-Jan-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			98.5 %	70.4-141		6012043	JH	21-Jan-26	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012045	MS	21-Jan-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6012045	MS	21-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012045	MS	21-Jan-26	8015B	

Surrogate: 1-Chlorooctane			90.1 %	52.4-130		6012045	MS	21-Jan-26	8015B	
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Surrogate: 1-Chlorooctadecane			93.8 %	39.9-141		6012045	MS	21-Jan-26	8015B	
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**Analytical Results For:**

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRANBERRY BSU STATE COM #00! Project Number: 3040 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Jan-26 15:04
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**SW - 14 (2')  
H260367-30 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	6012049	AC	21-Jan-26	4500-CI-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	6011905	JH	21-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6011905	JH	21-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6011905	JH	21-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6011905	JH	21-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6011905	JH	21-Jan-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			98.4 %	70.4-141		6011905	JH	21-Jan-26	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012045	MS	21-Jan-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6012045	MS	21-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012045	MS	21-Jan-26	8015B	

Surrogate: 1-Chlorooctane			98.2 %	52.4-130		6012045	MS	21-Jan-26	8015B	
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Surrogate: 1-Chlorooctadecane			101 %	39.9-141		6012045	MS	21-Jan-26	8015B	
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**Analytical Results For:**

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRANBERRY BSU STATE COM #00! Project Number: 3040 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Jan-26 15:04
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**SW - 15 (1')  
H260367-31 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>32.0</b>		16.0	mg/kg	4	6012049	AC	21-Jan-26	4500-CI-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	6011905	JH	21-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6011905	JH	21-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6011905	JH	21-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6011905	JH	21-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6011905	JH	21-Jan-26	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.9 %	70.4-141		6011905	JH	21-Jan-26	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012045	MS	21-Jan-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6012045	MS	21-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012045	MS	21-Jan-26	8015B	

<i>Surrogate: 1-Chlorooctane</i>			94.9 %	52.4-130		6012045	MS	21-Jan-26	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			97.6 %	39.9-141		6012045	MS	21-Jan-26	8015B	
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**Analytical Results For:**

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRANBERRY BSU STATE COM #00! Project Number: 3040 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Jan-26 15:04
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**SW - 16 (1')  
H260367-32 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	6012049	AC	21-Jan-26	4500-CI-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	6011905	JH	21-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6011905	JH	21-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6011905	JH	21-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6011905	JH	21-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6011905	JH	21-Jan-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			97.8 %	70.4-141		6011905	JH	21-Jan-26	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012045	MS	21-Jan-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6012045	MS	21-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012045	MS	21-Jan-26	8015B	

Surrogate: 1-Chlorooctane			102 %	52.4-130		6012045	MS	21-Jan-26	8015B	
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Surrogate: 1-Chlorooctadecane			105 %	39.9-141		6012045	MS	21-Jan-26	8015B	
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**Analytical Results For:**

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRANBERRY BSU STATE COM #00! Project Number: 3040 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Jan-26 15:04
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**SW - 17 (1')  
H260367-33 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	6012049	AC	21-Jan-26	4500-CI-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	6011905	JH	21-Jan-26	8021B	
Toluene*	<0.050		0.050	mg/kg	50	6011905	JH	21-Jan-26	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	6011905	JH	21-Jan-26	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	6011905	JH	21-Jan-26	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	6011905	JH	21-Jan-26	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			99.5 %	70.4-141		6011905	JH	21-Jan-26	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	6012045	MS	21-Jan-26	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	6012045	MS	21-Jan-26	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	6012045	MS	21-Jan-26	8015B	

Surrogate: 1-Chlorooctane			105 %	52.4-130		6012045	MS	21-Jan-26	8015B	
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Surrogate: 1-Chlorooctadecane			109 %	39.9-141		6012045	MS	21-Jan-26	8015B	
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**Analytical Results For:**

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRANBERRY BSU STATE COM #00! Project Number: 3040 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Jan-26 15:04
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**Inorganic Compounds - Quality Control**

**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 6012048 - 1:4 DI Water</b>										
<b>Blank (6012048-BLK1)</b> Prepared & Analyzed: 21-Jan-26										
Chloride	ND	16.0	mg/kg							
<b>LCS (6012048-BS1)</b> Prepared & Analyzed: 21-Jan-26										
Chloride	416	16.0	mg/kg	400		104	80-120			
<b>LCS Dup (6012048-BSD1)</b> Prepared & Analyzed: 21-Jan-26										
Chloride	416	16.0	mg/kg	400		104	80-120	0.00	20	
<b>Batch 6012049 - 1:4 DI Water</b>										
<b>Blank (6012049-BLK1)</b> Prepared: 20-Jan-26 Analyzed: 21-Jan-26										
Chloride	ND	16.0	mg/kg							
<b>LCS (6012049-BS1)</b> Prepared: 20-Jan-26 Analyzed: 21-Jan-26										
Chloride	416	16.0	mg/kg	400		104	80-120			
<b>LCS Dup (6012049-BSD1)</b> Prepared: 20-Jan-26 Analyzed: 21-Jan-26										
Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20	

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**Analytical Results For:**

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRANBERRY BSU STATE COM #00! Project Number: 3040 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Jan-26 15:04
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**Volatile Organic Compounds by EPA Method 8021 - Quality Control**

**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 6011905 - Volatiles**

**Blank (6011905-BLK1)**

Prepared: 19-Jan-26 Analyzed: 20-Jan-26

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		98.0	70.4-141			

**LCS (6011905-BS1)**

Prepared: 19-Jan-26 Analyzed: 20-Jan-26

Benzene	2.01	0.050	mg/kg	2.00		101	71-111			
Toluene	2.11	0.050	mg/kg	2.00		105	75-116			
Ethylbenzene	2.11	0.050	mg/kg	2.00		105	74.2-119			
m,p-Xylene	4.32	0.100	mg/kg	4.00		108	72.5-123			
o-Xylene	2.00	0.050	mg/kg	2.00		100	70.5-124			
Total Xylenes	6.32	0.150	mg/kg	6.00		105	72.2-123			
Surrogate: 4-Bromofluorobenzene (PID)	0.0486		mg/kg	0.0500		97.1	70.4-141			

**LCS Dup (6011905-BSD1)**

Prepared: 19-Jan-26 Analyzed: 20-Jan-26

Benzene	2.07	0.050	mg/kg	2.00		103	71-111	2.54	17.6	
Toluene	2.16	0.050	mg/kg	2.00		108	75-116	2.60	14.8	
Ethylbenzene	2.17	0.050	mg/kg	2.00		109	74.2-119	2.95	14.2	
m,p-Xylene	4.44	0.100	mg/kg	4.00		111	72.5-123	2.70	13.6	
o-Xylene	2.10	0.050	mg/kg	2.00		105	70.5-124	4.58	13.7	
Total Xylenes	6.53	0.150	mg/kg	6.00		109	72.2-123	3.30	13.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0501		mg/kg	0.0500		100	70.4-141			

**Batch 6012029 - Volatiles**

**Blank (6012029-BLK1)**

Prepared: 20-Jan-26 Analyzed: 21-Jan-26

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

CARMONA RESOURCES  
310 W WALL ST, SUITE 500  
MIDLAND TX, 79701

Project: CRANBERRY BSU STATE COM #001  
Project Number: 3040  
Project Manager: CONNER MOEHRING  
Fax To:

Reported:  
21-Jan-26 15:04

**Volatile Organic Compounds by EPA Method 8021 - Quality Control****Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 6012029 - Volatiles****Blank (6012029-BLK1)**

Prepared: 20-Jan-26 Analyzed: 21-Jan-26

Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0539		mg/kg	0.0500		108	70.4-141			

**LCS (6012029-BS1)**

Prepared &amp; Analyzed: 20-Jan-26

Benzene	2.10	0.050	mg/kg	2.00		105	71-111			
Toluene	2.25	0.050	mg/kg	2.00		113	75-116			
Ethylbenzene	2.36	0.050	mg/kg	2.00		118	74.2-119			
m,p-Xylene	4.76	0.100	mg/kg	4.00		119	72.5-123			
o-Xylene	2.40	0.050	mg/kg	2.00		120	70.5-124			
Total Xylenes	7.16	0.150	mg/kg	6.00		119	72.2-123			
Surrogate: 4-Bromofluorobenzene (PID)	0.0528		mg/kg	0.0500		106	70.4-141			

**LCS Dup (6012029-BSD1)**

Prepared &amp; Analyzed: 20-Jan-26

Benzene	2.06	0.050	mg/kg	2.00		103	71-111	1.73	17.6	
Toluene	2.14	0.050	mg/kg	2.00		107	75-116	5.13	14.8	
Ethylbenzene	2.21	0.050	mg/kg	2.00		111	74.2-119	6.27	14.2	
m,p-Xylene	4.45	0.100	mg/kg	4.00		111	72.5-123	6.72	13.6	
o-Xylene	2.24	0.050	mg/kg	2.00		112	70.5-124	6.97	13.7	
Total Xylenes	6.69	0.150	mg/kg	6.00		111	72.2-123	6.81	13.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0509		mg/kg	0.0500		102	70.4-141			

**Batch 6012043 - Volatiles****Blank (6012043-BLK1)**

Prepared: 20-Jan-26 Analyzed: 21-Jan-26

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		95.8	70.4-141			

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRANBERRY BSU STATE COM #00! Project Number: 3040 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Jan-26 15:04
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**Volatile Organic Compounds by EPA Method 8021 - Quality Control**

**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 6012043 - Volatiles**

**LCS (6012043-BS1)**

Prepared & Analyzed: 20-Jan-26

Benzene	2.04	0.050	mg/kg	2.00		102	71-111			
Toluene	2.17	0.050	mg/kg	2.00		109	75-116			
Ethylbenzene	2.15	0.050	mg/kg	2.00		108	74.2-119			
m,p-Xylene	4.40	0.100	mg/kg	4.00		110	72.5-123			
o-Xylene	2.07	0.050	mg/kg	2.00		104	70.5-124			
Total Xylenes	6.47	0.150	mg/kg	6.00		108	72.2-123			

Surrogate: 4-Bromofluorobenzene (PID)

0.0504 mg/kg 0.0500 101 70.4-141

**LCS Dup (6012043-BS1)**

Prepared & Analyzed: 20-Jan-26

Benzene	2.04	0.050	mg/kg	2.00		102	71-111	0.201	17.6	
Toluene	2.14	0.050	mg/kg	2.00		107	75-116	1.42	14.8	
Ethylbenzene	2.14	0.050	mg/kg	2.00		107	74.2-119	0.559	14.2	
m,p-Xylene	4.37	0.100	mg/kg	4.00		109	72.5-123	0.648	13.6	
o-Xylene	2.05	0.050	mg/kg	2.00		103	70.5-124	0.891	13.7	
Total Xylenes	6.42	0.150	mg/kg	6.00		107	72.2-123	0.726	13.3	

Surrogate: 4-Bromofluorobenzene (PID)

0.0498 mg/kg 0.0500 99.6 70.4-141

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**Analytical Results For:**

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRANBERRY BSU STATE COM #00! Project Number: 3040 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Jan-26 15:04
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**Petroleum Hydrocarbons by GC FID - Quality Control**

**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 6012044 - General Prep - Organics**

<b>Blank (6012044-BLK1)</b>		Prepared & Analyzed: 20-Jan-26								
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	48.3		mg/kg	50.0		96.5	52.4-130			
Surrogate: 1-Chlorooctadecane	47.6		mg/kg	50.0		95.3	39.9-141			

<b>LCS (6012044-BS1)</b>		Prepared & Analyzed: 20-Jan-26								
GRO C6-C10	197	10.0	mg/kg	200		98.7	78.7-123			
DRO >C10-C28	183	10.0	mg/kg	200		91.6	74.8-123			
Total TPH C6-C28	381	10.0	mg/kg	400		95.2	78.6-121			
Surrogate: 1-Chlorooctane	54.3		mg/kg	50.0		109	52.4-130			
Surrogate: 1-Chlorooctadecane	53.5		mg/kg	50.0		107	39.9-141			

<b>LCS Dup (6012044-BSD1)</b>		Prepared & Analyzed: 20-Jan-26								
GRO C6-C10	202	10.0	mg/kg	200		101	78.7-123	2.38	11.3	
DRO >C10-C28	187	10.0	mg/kg	200		93.7	74.8-123	2.26	10.9	
Total TPH C6-C28	390	10.0	mg/kg	400		97.4	78.6-121	2.32	10.5	
Surrogate: 1-Chlorooctane	52.1		mg/kg	50.0		104	52.4-130			
Surrogate: 1-Chlorooctadecane	51.5		mg/kg	50.0		103	39.9-141			

**Batch 6012045 - General Prep - Organics**

<b>Blank (6012045-BLK1)</b>		Prepared & Analyzed: 20-Jan-26								
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	49.0		mg/kg	50.0		97.9	52.4-130			
Surrogate: 1-Chlorooctadecane	50.7		mg/kg	50.0		101	39.9-141			

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**Analytical Results For:**

CARMONA RESOURCES 310 W WALL ST, SUITE 500 MIDLAND TX, 79701	Project: CRANBERRY BSU STATE COM #00! Project Number: 3040 Project Manager: CONNER MOEHRING Fax To:	Reported: 21-Jan-26 15:04
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**Petroleum Hydrocarbons by GC FID - Quality Control**

**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 6012045 - General Prep - Organics**

**LCS (6012045-BS1)**

Prepared & Analyzed: 20-Jan-26

GRO C6-C10	188	10.0	mg/kg	200		94.0	78.7-123			
DRO >C10-C28	192	10.0	mg/kg	200		95.8	74.8-123			
Total TPH C6-C28	380	10.0	mg/kg	400		94.9	78.6-121			
Surrogate: 1-Chlorooctane	57.1		mg/kg	50.0		114	52.4-130			
Surrogate: 1-Chlorooctadecane	59.5		mg/kg	50.0		119	39.9-141			

**LCS Dup (6012045-BSD1)**

Prepared & Analyzed: 20-Jan-26

GRO C6-C10	191	10.0	mg/kg	200		95.6	78.7-123	1.70	11.3	
DRO >C10-C28	196	10.0	mg/kg	200		98.0	74.8-123	2.29	10.9	
Total TPH C6-C28	387	10.0	mg/kg	400		96.8	78.6-121	2.00	10.5	
Surrogate: 1-Chlorooctane	54.8		mg/kg	50.0		110	52.4-130			
Surrogate: 1-Chlorooctadecane	57.5		mg/kg	50.0		115	39.9-141			

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Notes and Definitions

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

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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager





Chain of Custody

Work Order No: 181002307

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	432-813-6823	Email:	Todd Wells@eogresources.com
Project Name:	Cranberry BSU State Com #005H	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush
Project Number:	3040	Due Date:	24 HR TAT
Project Location:	Lea County, NM	Parameters	BTI X 8021B
Sampler's Name:	FV	Well loc:	Yes (No) <input checked="" type="checkbox"/> No
PO #:		Received Intact:	Yes (No) <input checked="" type="checkbox"/> No
<b>SAMPLE RECEIPT</b>	Temp Blank:	Thermometer ID:	#140
Received Intact:	Yes (No) <input checked="" type="checkbox"/> No	Correction Factor:	+0.1%
Cooler Custody Seals:	Yes (No) <input checked="" type="checkbox"/> No	Temperature Reading:	-1.0%
Sample Custody Seals:	Yes (No) <input checked="" type="checkbox"/> No	Corrected Temperature:	-0.9%
Total Containers:			

Page 3 of 4

**Work Order Comments**

Program: UST/PST  PRP  Brownfields  RC  Refund

State of Project:

Reporting Level II  Level III  ST/UST  RRP  Level IV

Deliverables: EDD  ADAPT  Other:

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST	Preservative Codes	Sample Comments
21 CS-32 (2)	1/20/2026		X		C	1	X X X	None: NO DI Water: H <sub>2</sub> O	
22 CS-33 (2)	1/20/2026		X		C	1	X X X	Cool: Cool MeOH: Me	
23 CS-34 (2)	1/20/2026		X		C	1	X X X	HCL: HC HNO <sub>3</sub> : HN	
24 CS-35 (2)	1/20/2026		X		C	1	X X X	H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na	
25 SW-9 (3)	1/20/2026		X		C	1	X X X	H <sub>3</sub> PO <sub>4</sub> : HP	
26 SW-10 (3)	1/20/2026		X		C	1	X X X	NaHSO <sub>4</sub> : NABIS	
27 SW-11 (3)	1/20/2026		X		C	1	X X X	Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub>	
28 SW-12 (3)	1/20/2026		X		C	1	X X X	Zn Acetate+NaOH: Zn	
29 SW-13 (3)	1/20/2026		X		C	1	X X X	NaOH+Ascorbic Acid: SAPC	
30 SW-14 (2)	1/20/2026		X		C	1	X X X		

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

NO LABELS

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Conner Moehring</i>	1/20/2026	<i>Samuel...</i>	





Environment Testing

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# ANALYTICAL REPORT

## PREPARED FOR

Attn: Conner Moehring  
 Carmona Resources  
 310 W Wall St  
 Ste 500  
 Midland, Texas 79701

Generated 1/28/2026 10:53:46 AM

## JOB DESCRIPTION

Van Gogh 11B Flare Fire (11.18.25)  
 3072

## JOB NUMBER

880-67458-1

Eurofins Midland  
 1211 W. Florida Ave  
 Midland TX 79701



# Eurofins Midland

## Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

## Authorization



Generated  
1/28/2026 10:53:46 AM

Authorized for release by  
Jessica Kramer, Project Manager  
[Jessica.Kramer@et.eurofinsus.com](mailto:Jessica.Kramer@et.eurofinsus.com)  
(432)704-5440

Client: Carmona Resources  
Project/Site: Van Gogh 11B Flare Fire (11.18.25)

Laboratory Job ID: 880-67458-1  
SDG: 3072

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## Definitions/Glossary

Client: Carmona Resources  
 Project/Site: Van Gogh 11B Flare Fire (11.18.25)

Job ID: 880-67458-1  
 SDG: 3072

## Qualifiers

## GC VOA

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

## GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

## HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

## Glossary

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

# Case Narrative

Client: Carmona Resources  
Project: Van Gogh 11B Flare Fire (11.18.25)

Job ID: 880-67458-1

**Job ID: 880-67458-1**

**Eurofins Midland**

## Job Narrative 880-67458-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

### Receipt

The sample was received on 1/27/2026 2:43 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

### GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-130000 and analytical batch 880-130001 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

### Diesel Range Organics

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

### HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Midland



### Client Sample Results

Client: Carmona Resources  
 Project/Site: Van Gogh 11B Flare Fire (11.18.25)

Job ID: 880-67458-1  
 SDG: 3072

**Client Sample ID: Backfill**

**Lab Sample ID: 880-67458-1**

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/27/26 14:43

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/27/26 12:35	01/27/26 22:50	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/27/26 12:35	01/27/26 22:50	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/27/26 12:35	01/27/26 22:50	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		01/27/26 12:35	01/27/26 22:50	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/27/26 12:35	01/27/26 22:50	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/27/26 12:35	01/27/26 22:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	01/27/26 12:35	01/27/26 22:50	1
1,4-Difluorobenzene (Surr)	111		70 - 130	01/27/26 12:35	01/27/26 22:50	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/27/26 22:50	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/27/26 15:52	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/22/26 15:45	01/27/26 15:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/22/26 15:45	01/27/26 15:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/22/26 15:45	01/27/26 15:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	93		70 - 130	01/22/26 15:45	01/27/26 15:52	1
o-Terphenyl (Surr)	94		70 - 130	01/22/26 15:45	01/27/26 15:52	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.0		10.0		mg/Kg			01/27/26 16:23	1

## Surrogate Summary

Client: Carmona Resources  
 Project/Site: Van Gogh 11B Flare Fire (11.18.25)

Job ID: 880-67458-1  
 SDG: 3072

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-67400-A-1-I MS	Matrix Spike	109	116
880-67400-A-1-J MSD	Matrix Spike Duplicate	101	111
880-67458-1	Backfill	104	111
LCS 880-130000/1-A	Lab Control Sample	101	108
LCSD 880-130000/2-A	Lab Control Sample Dup	104	108
MB 880-130000/5-A	Method Blank	95	108

**Surrogate Legend**

BFB = 4-Bromofluorobenzene (Surr)  
 DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-67328-A-58-C MS	Matrix Spike	109	107
880-67328-A-58-D MSD	Matrix Spike Duplicate	108	106
880-67458-1	Backfill	93	94
LCS 880-129723/2-A	Lab Control Sample	94	92
LCSD 880-129723/3-A	Lab Control Sample Dup	94	91
MB 880-129723/1-A	Method Blank	103	111

**Surrogate Legend**

1CO = 1-Chlorooctane (Surr)  
 OTPH = o-Terphenyl (Surr)

### QC Sample Results

Client: Carmona Resources  
 Project/Site: Van Gogh 11B Flare Fire (11.18.25)

Job ID: 880-67458-1  
 SDG: 3072

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

Lab Sample ID: MB 880-130000/5-A  
 Matrix: Solid  
 Analysis Batch: 130001

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 130000

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/27/26 12:35	01/27/26 16:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/27/26 12:35	01/27/26 16:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/27/26 12:35	01/27/26 16:19	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/27/26 12:35	01/27/26 16:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/27/26 12:35	01/27/26 16:19	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/27/26 12:35	01/27/26 16:19	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	01/27/26 12:35	01/27/26 16:19	1
1,4-Difluorobenzene (Surr)	108		70 - 130	01/27/26 12:35	01/27/26 16:19	1

Lab Sample ID: LCS 880-130000/1-A  
 Matrix: Solid  
 Analysis Batch: 130001

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 130000

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09342		mg/Kg		93	70 - 130
Toluene	0.100	0.08758		mg/Kg		88	70 - 130
Ethylbenzene	0.100	0.09538		mg/Kg		95	70 - 130
m,p-Xylenes	0.200	0.1836		mg/Kg		92	70 - 130
o-Xylene	0.100	0.08944		mg/Kg		89	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: LCSD 880-130000/2-A  
 Matrix: Solid  
 Analysis Batch: 130001

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 130000

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09712		mg/Kg		97	70 - 130	4	35
Toluene	0.100	0.09198		mg/Kg		92	70 - 130	5	35
Ethylbenzene	0.100	0.09892		mg/Kg		99	70 - 130	4	35
m,p-Xylenes	0.200	0.1941		mg/Kg		97	70 - 130	6	35
o-Xylene	0.100	0.09148		mg/Kg		91	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: 880-67400-A-1-I MS  
 Matrix: Solid  
 Analysis Batch: 130001

Client Sample ID: Matrix Spike  
 Prep Type: Total/NA  
 Prep Batch: 130000

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1	0.100	0.06524	F1	mg/Kg		65	70 - 130
Toluene	<0.00200	U F1	0.100	0.06349	F1	mg/Kg		63	70 - 130

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: Van Gogh 11B Flare Fire (11.18.25)

Job ID: 880-67458-1  
 SDG: 3072

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

Lab Sample ID: 880-67400-A-1-I MS

Client Sample ID: Matrix Spike

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 130001

Prep Batch: 130000

Analyte	Sample	Sample	Spike	MS		Unit	D	%Rec	%Rec
	Result	Qualifier		Result	Qualifier				
Ethylbenzene	<0.00200	U F1	0.100	0.06626	F1	mg/Kg		66	70 - 130
m,p-Xylenes	<0.00399	U F1	0.200	0.1277	F1	mg/Kg		64	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.06481	F1	mg/Kg		65	70 - 130

Surrogate	MS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	116		70 - 130

Lab Sample ID: 880-67400-A-1-J MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 130001

Prep Batch: 130000

Analyte	Sample	Sample	Spike	MSD		Unit	D	%Rec	%Rec	RPD	
	Result	Qualifier		Result	Qualifier					RPD	Limit
Benzene	<0.00200	U F1	0.100	0.08902		mg/Kg		89	70 - 130	31	35
Toluene	<0.00200	U F1	0.100	0.07996		mg/Kg		80	70 - 130	23	35
Ethylbenzene	<0.00200	U F1	0.100	0.08838		mg/Kg		88	70 - 130	29	35
m,p-Xylenes	<0.00399	U F1	0.200	0.1700		mg/Kg		85	70 - 130	28	35
o-Xylene	<0.00200	U F1	0.100	0.08126		mg/Kg		81	70 - 130	23	35

Surrogate	MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

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

Lab Sample ID: MB 880-129723/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 129982

Prep Batch: 129723

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/22/26 15:45	01/27/26 08:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/22/26 15:45	01/27/26 08:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/22/26 15:45	01/27/26 08:59	1

Surrogate	MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane (Surr)	103		70 - 130	01/22/26 15:45	01/27/26 08:59	1
o-Terphenyl (Surr)	111		70 - 130	01/22/26 15:45	01/27/26 08:59	1

Lab Sample ID: LCS 880-129723/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 129982

Prep Batch: 129723

Analyte	Spike	LCS		Unit	D	%Rec	%Rec
		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	1000	828.5		mg/Kg		83	70 - 130
Diesel Range Organics (Over C10-C28)	1000	846.8		mg/Kg		85	70 - 130

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: Van Gogh 11B Flare Fire (11.18.25)

Job ID: 880-67458-1  
 SDG: 3072

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

**Lab Sample ID: LCS 880-129723/2-A**  
**Matrix: Solid**  
**Analysis Batch: 129982**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 129723**

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	94		70 - 130
o-Terphenyl (Surr)	92		70 - 130

**Lab Sample ID: LCSD 880-129723/3-A**  
**Matrix: Solid**  
**Analysis Batch: 129982**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 129723**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	795.0		mg/Kg		79	70 - 130	4		20
Diesel Range Organics (Over C10-C28)	1000	839.7		mg/Kg		84	70 - 130	1		20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	94		70 - 130
o-Terphenyl (Surr)	91		70 - 130

**Lab Sample ID: 880-67328-A-58-C MS**  
**Matrix: Solid**  
**Analysis Batch: 129982**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 129723**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	843.0		mg/Kg		84	70 - 130	
Diesel Range Organics (Over C10-C28)	109		999	831.2		mg/Kg		72	70 - 130	

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	109		70 - 130
o-Terphenyl (Surr)	107		70 - 130

**Lab Sample ID: 880-67328-A-58-D MSD**  
**Matrix: Solid**  
**Analysis Batch: 129982**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total/NA**  
**Prep Batch: 129723**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
									Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	837.1		mg/Kg		84	70 - 130	1		20
Diesel Range Organics (Over C10-C28)	109		999	841.2		mg/Kg		73	70 - 130	1		20

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	108		70 - 130
o-Terphenyl (Surr)	106		70 - 130

### QC Sample Results

Client: Carmona Resources  
 Project/Site: Van Gogh 11B Flare Fire (11.18.25)

Job ID: 880-67458-1  
 SDG: 3072

#### Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-129957/1-A  
 Matrix: Solid  
 Analysis Batch: 129978

Client Sample ID: Method Blank  
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			01/27/26 13:01	1

Lab Sample ID: LCS 880-129957/2-A  
 Matrix: Solid  
 Analysis Batch: 129978

Client Sample ID: Lab Control Sample  
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	241.8		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-129957/3-A  
 Matrix: Solid  
 Analysis Batch: 129978

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	241.8		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 890-9405-A-1-B MS  
 Matrix: Solid  
 Analysis Batch: 129978

Client Sample ID: Matrix Spike  
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	127		248	380.4		mg/Kg		102	90 - 110

Lab Sample ID: 890-9405-A-1-C MSD  
 Matrix: Solid  
 Analysis Batch: 129978

Client Sample ID: Matrix Spike Duplicate  
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	127		248	380.4		mg/Kg		102	90 - 110	0	20

## QC Association Summary

Client: Carmona Resources  
 Project/Site: Van Gogh 11B Flare Fire (11.18.25)

Job ID: 880-67458-1  
 SDG: 3072

## GC VOA

## Prep Batch: 130000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67458-1	Backfill	Total/NA	Solid	5035	
MB 880-130000/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-130000/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-130000/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-67400-A-1-I MS	Matrix Spike	Total/NA	Solid	5035	
880-67400-A-1-J MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

## Analysis Batch: 130001

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67458-1	Backfill	Total/NA	Solid	8021B	130000
MB 880-130000/5-A	Method Blank	Total/NA	Solid	8021B	130000
LCS 880-130000/1-A	Lab Control Sample	Total/NA	Solid	8021B	130000
LCSD 880-130000/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	130000
880-67400-A-1-I MS	Matrix Spike	Total/NA	Solid	8021B	130000
880-67400-A-1-J MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	130000

## Analysis Batch: 130025

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67458-1	Backfill	Total/NA	Solid	Total BTEX	

## GC Semi VOA

## Prep Batch: 129723

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67458-1	Backfill	Total/NA	Solid	8015NM Prep	
MB 880-129723/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-129723/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-129723/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-67328-A-58-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-67328-A-58-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

## Analysis Batch: 129982

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67458-1	Backfill	Total/NA	Solid	8015B NM	129723
MB 880-129723/1-A	Method Blank	Total/NA	Solid	8015B NM	129723
LCS 880-129723/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	129723
LCSD 880-129723/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	129723
880-67328-A-58-C MS	Matrix Spike	Total/NA	Solid	8015B NM	129723
880-67328-A-58-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	129723

## Analysis Batch: 130098

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67458-1	Backfill	Total/NA	Solid	8015 NM	

## HPLC/IC

## Leach Batch: 129957

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67458-1	Backfill	Soluble	Solid	DI Leach	
MB 880-129957/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-129957/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-129957/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

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### QC Association Summary

Client: Carmona Resources  
 Project/Site: Van Gogh 11B Flare Fire (11.18.25)

Job ID: 880-67458-1  
 SDG: 3072

#### HPLC/IC (Continued)

##### Leach Batch: 129957 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9405-A-1-B MS	Matrix Spike	Soluble	Solid	DI Leach	
890-9405-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

##### Analysis Batch: 129978

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67458-1	Backfill	Soluble	Solid	300.0	129957
MB 880-129957/1-A	Method Blank	Soluble	Solid	300.0	129957
LCS 880-129957/2-A	Lab Control Sample	Soluble	Solid	300.0	129957
LCSD 880-129957/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	129957
890-9405-A-1-B MS	Matrix Spike	Soluble	Solid	300.0	129957
890-9405-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	129957

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- 10
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- 12
- 13
- 14

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Van Gogh 11B Flare Fire (11.18.25)

Job ID: 880-67458-1  
 SDG: 3072

**Client Sample ID: Backfill**

**Lab Sample ID: 880-67458-1**

**Date Collected: 01/22/26 00:00**

**Matrix: Solid**

**Date Received: 01/27/26 14:43**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	130000	01/27/26 12:35	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130001	01/27/26 22:50	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			130025	01/27/26 22:50	AJ	EET MID
Total/NA	Analysis	8015 NM		1			130098	01/27/26 15:52	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	129723	01/22/26 15:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129982	01/27/26 15:52	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	129957	01/27/26 14:45	SMC	EET MID
Soluble	Analysis	300.0		1			129978	01/27/26 16:23	CS	EET MID

**Laboratory References:**

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

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### Accreditation/Certification Summary

Client: Carmona Resources  
Project/Site: Van Gogh 11B Flare Fire (11.18.25)

Job ID: 880-67458-1  
SDG: 3072

#### Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

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

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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- 6
- 7
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- 9
- 10
- 11
- 12
- 13
- 14

### Method Summary

Client: Carmona Resources  
 Project/Site: Van Gogh 11B Flare Fire (11.18.25)

Job ID: 880-67458-1  
 SDG: 3072

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

**Protocol References:**

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

**Laboratory References:**

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



### Sample Summary

Client: Carmona Resources  
Project/Site: Van Gogh 11B Flare Fire (11.18.25)

Job ID: 880-67458-1  
SDG: 3072

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Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-67458-1	Backfill	Solid	01/22/26 00:00	01/27/26 14:43	New Mexico

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### Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-67458-1

SDG Number: 3072

**Login Number: 67458**

**List Number: 1**

**Creator: Dyal, Erica**

**List Source: Eurofins Midland**

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

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Environment Testing

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# ANALYTICAL REPORT

## PREPARED FOR

Attn: Conner Moehring  
 Carmona Resources  
 310 W Wall St  
 Ste 500  
 Midland, Texas 79701

Generated 1/28/2026 10:53:46 AM

## JOB DESCRIPTION

Van Gogh 11B Flare Fire (11.18.25)  
 3072

## JOB NUMBER

880-67458-1

Eurofins Midland  
 1211 W. Florida Ave  
 Midland TX 79701



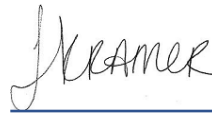
# Eurofins Midland

## Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

## Authorization



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Authorized for release by  
Jessica Kramer, Project Manager  
[Jessica.Kramer@et.eurofinsus.com](mailto:Jessica.Kramer@et.eurofinsus.com)  
(432)704-5440

Client: Carmona Resources  
Project/Site: Van Gogh 11B Flare Fire (11.18.25)

Laboratory Job ID: 880-67458-1  
SDG: 3072

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## Definitions/Glossary

Client: Carmona Resources  
 Project/Site: Van Gogh 11B Flare Fire (11.18.25)

Job ID: 880-67458-1  
 SDG: 3072

## Qualifiers

## GC VOA

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

## GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

## HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

## Glossary

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

# Case Narrative

Client: Carmona Resources  
Project: Van Gogh 11B Flare Fire (11.18.25)

Job ID: 880-67458-1

**Job ID: 880-67458-1**

**Eurofins Midland**

## Job Narrative 880-67458-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

### Receipt

The sample was received on 1/27/2026 2:43 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

### GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-130000 and analytical batch 880-130001 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

### Diesel Range Organics

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

### HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Van Gogh 11B Flare Fire (11.18.25)

Job ID: 880-67458-1  
 SDG: 3072

**Client Sample ID: Backfill**

**Lab Sample ID: 880-67458-1**

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/27/26 14:43

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/27/26 12:35	01/27/26 22:50	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/27/26 12:35	01/27/26 22:50	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/27/26 12:35	01/27/26 22:50	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		01/27/26 12:35	01/27/26 22:50	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/27/26 12:35	01/27/26 22:50	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/27/26 12:35	01/27/26 22:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	01/27/26 12:35	01/27/26 22:50	1
1,4-Difluorobenzene (Surr)	111		70 - 130	01/27/26 12:35	01/27/26 22:50	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/27/26 22:50	1

**Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/27/26 15:52	1

**Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/22/26 15:45	01/27/26 15:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/22/26 15:45	01/27/26 15:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/22/26 15:45	01/27/26 15:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	93		70 - 130	01/22/26 15:45	01/27/26 15:52	1
o-Terphenyl (Surr)	94		70 - 130	01/22/26 15:45	01/27/26 15:52	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.0		10.0		mg/Kg			01/27/26 16:23	1

## Surrogate Summary

Client: Carmona Resources  
 Project/Site: Van Gogh 11B Flare Fire (11.18.25)

Job ID: 880-67458-1  
 SDG: 3072

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-67400-A-1-I MS	Matrix Spike	109	116
880-67400-A-1-J MSD	Matrix Spike Duplicate	101	111
880-67458-1	Backfill	104	111
LCS 880-130000/1-A	Lab Control Sample	101	108
LCSD 880-130000/2-A	Lab Control Sample Dup	104	108
MB 880-130000/5-A	Method Blank	95	108

**Surrogate Legend**

BFB = 4-Bromofluorobenzene (Surr)  
 DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-67328-A-58-C MS	Matrix Spike	109	107
880-67328-A-58-D MSD	Matrix Spike Duplicate	108	106
880-67458-1	Backfill	93	94
LCS 880-129723/2-A	Lab Control Sample	94	92
LCSD 880-129723/3-A	Lab Control Sample Dup	94	91
MB 880-129723/1-A	Method Blank	103	111

**Surrogate Legend**

1CO = 1-Chlorooctane (Surr)  
 OTPH = o-Terphenyl (Surr)

### QC Sample Results

Client: Carmona Resources  
 Project/Site: Van Gogh 11B Flare Fire (11.18.25)

Job ID: 880-67458-1  
 SDG: 3072

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

Lab Sample ID: MB 880-130000/5-A  
 Matrix: Solid  
 Analysis Batch: 130001

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 130000

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/27/26 12:35	01/27/26 16:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/27/26 12:35	01/27/26 16:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/27/26 12:35	01/27/26 16:19	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/27/26 12:35	01/27/26 16:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/27/26 12:35	01/27/26 16:19	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/27/26 12:35	01/27/26 16:19	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	01/27/26 12:35	01/27/26 16:19	1
1,4-Difluorobenzene (Surr)	108		70 - 130	01/27/26 12:35	01/27/26 16:19	1

Lab Sample ID: LCS 880-130000/1-A  
 Matrix: Solid  
 Analysis Batch: 130001

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 130000

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09342		mg/Kg		93	70 - 130
Toluene	0.100	0.08758		mg/Kg		88	70 - 130
Ethylbenzene	0.100	0.09538		mg/Kg		95	70 - 130
m,p-Xylenes	0.200	0.1836		mg/Kg		92	70 - 130
o-Xylene	0.100	0.08944		mg/Kg		89	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: LCSD 880-130000/2-A  
 Matrix: Solid  
 Analysis Batch: 130001

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 130000

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09712		mg/Kg		97	70 - 130	4	35
Toluene	0.100	0.09198		mg/Kg		92	70 - 130	5	35
Ethylbenzene	0.100	0.09892		mg/Kg		99	70 - 130	4	35
m,p-Xylenes	0.200	0.1941		mg/Kg		97	70 - 130	6	35
o-Xylene	0.100	0.09148		mg/Kg		91	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: 880-67400-A-1-I MS  
 Matrix: Solid  
 Analysis Batch: 130001

Client Sample ID: Matrix Spike  
 Prep Type: Total/NA  
 Prep Batch: 130000

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1	0.100	0.06524	F1	mg/Kg		65	70 - 130
Toluene	<0.00200	U F1	0.100	0.06349	F1	mg/Kg		63	70 - 130

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: Van Gogh 11B Flare Fire (11.18.25)

Job ID: 880-67458-1  
 SDG: 3072

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

Lab Sample ID: 880-67400-A-1-I MS  
 Matrix: Solid  
 Analysis Batch: 130001

Client Sample ID: Matrix Spike  
 Prep Type: Total/NA  
 Prep Batch: 130000

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U F1	0.100	0.06626	F1	mg/Kg		66	70 - 130
m,p-Xylenes	<0.00399	U F1	0.200	0.1277	F1	mg/Kg		64	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.06481	F1	mg/Kg		65	70 - 130

Surrogate	MS %Recovery	MS Qualifier	MS Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	116		70 - 130

Lab Sample ID: 880-67400-A-1-J MSD  
 Matrix: Solid  
 Analysis Batch: 130001

Client Sample ID: Matrix Spike Duplicate  
 Prep Type: Total/NA  
 Prep Batch: 130000

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.100	0.08902		mg/Kg		89	70 - 130	31	35
Toluene	<0.00200	U F1	0.100	0.07996		mg/Kg		80	70 - 130	23	35
Ethylbenzene	<0.00200	U F1	0.100	0.08838		mg/Kg		88	70 - 130	29	35
m,p-Xylenes	<0.00399	U F1	0.200	0.1700		mg/Kg		85	70 - 130	28	35
o-Xylene	<0.00200	U F1	0.100	0.08126		mg/Kg		81	70 - 130	23	35

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

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

Lab Sample ID: MB 880-129723/1-A  
 Matrix: Solid  
 Analysis Batch: 129982

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 129723

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/22/26 15:45	01/27/26 08:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/22/26 15:45	01/27/26 08:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/22/26 15:45	01/27/26 08:59	1

Surrogate	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	103		70 - 130	01/22/26 15:45	01/27/26 08:59	1
o-Terphenyl (Surr)	111		70 - 130	01/22/26 15:45	01/27/26 08:59	1

Lab Sample ID: LCS 880-129723/2-A  
 Matrix: Solid  
 Analysis Batch: 129982

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 129723

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	828.5		mg/Kg		83	70 - 130
Diesel Range Organics (Over C10-C28)	1000	846.8		mg/Kg		85	70 - 130

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: Van Gogh 11B Flare Fire (11.18.25)

Job ID: 880-67458-1  
 SDG: 3072

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

**Lab Sample ID: LCS 880-129723/2-A**  
**Matrix: Solid**  
**Analysis Batch: 129982**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 129723**

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	94		70 - 130
o-Terphenyl (Surr)	92		70 - 130

**Lab Sample ID: LCSD 880-129723/3-A**  
**Matrix: Solid**  
**Analysis Batch: 129982**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 129723**

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec		RPD	Limit
		Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	795.0		mg/Kg		79	70 - 130	4		20
Diesel Range Organics (Over C10-C28)	1000	839.7		mg/Kg		84	70 - 130	1		20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	94		70 - 130
o-Terphenyl (Surr)	91		70 - 130

**Lab Sample ID: 880-67328-A-58-C MS**  
**Matrix: Solid**  
**Analysis Batch: 129982**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 129723**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	843.0		mg/Kg		84	70 - 130	
Diesel Range Organics (Over C10-C28)	109		999	831.2		mg/Kg		72	70 - 130	

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	109		70 - 130
o-Terphenyl (Surr)	107		70 - 130

**Lab Sample ID: 880-67328-A-58-D MSD**  
**Matrix: Solid**  
**Analysis Batch: 129982**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total/NA**  
**Prep Batch: 129723**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD MSD		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	837.1		mg/Kg		84	70 - 130	1		20
Diesel Range Organics (Over C10-C28)	109		999	841.2		mg/Kg		73	70 - 130	1		20

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	108		70 - 130
o-Terphenyl (Surr)	106		70 - 130

### QC Sample Results

Client: Carmona Resources  
 Project/Site: Van Gogh 11B Flare Fire (11.18.25)

Job ID: 880-67458-1  
 SDG: 3072

#### Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-129957/1-A  
 Matrix: Solid  
 Analysis Batch: 129978

Client Sample ID: Method Blank  
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			01/27/26 13:01	1

Lab Sample ID: LCS 880-129957/2-A  
 Matrix: Solid  
 Analysis Batch: 129978

Client Sample ID: Lab Control Sample  
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	241.8		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-129957/3-A  
 Matrix: Solid  
 Analysis Batch: 129978

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	241.8		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 890-9405-A-1-B MS  
 Matrix: Solid  
 Analysis Batch: 129978

Client Sample ID: Matrix Spike  
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	127		248	380.4		mg/Kg		102	90 - 110

Lab Sample ID: 890-9405-A-1-C MSD  
 Matrix: Solid  
 Analysis Batch: 129978

Client Sample ID: Matrix Spike Duplicate  
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	127		248	380.4		mg/Kg		102	90 - 110	0	20

## QC Association Summary

Client: Carmona Resources  
 Project/Site: Van Gogh 11B Flare Fire (11.18.25)

Job ID: 880-67458-1  
 SDG: 3072

## GC VOA

## Prep Batch: 130000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67458-1	Backfill	Total/NA	Solid	5035	
MB 880-130000/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-130000/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-130000/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-67400-A-1-I MS	Matrix Spike	Total/NA	Solid	5035	
880-67400-A-1-J MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

## Analysis Batch: 130001

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67458-1	Backfill	Total/NA	Solid	8021B	130000
MB 880-130000/5-A	Method Blank	Total/NA	Solid	8021B	130000
LCS 880-130000/1-A	Lab Control Sample	Total/NA	Solid	8021B	130000
LCSD 880-130000/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	130000
880-67400-A-1-I MS	Matrix Spike	Total/NA	Solid	8021B	130000
880-67400-A-1-J MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	130000

## Analysis Batch: 130025

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67458-1	Backfill	Total/NA	Solid	Total BTEX	

## GC Semi VOA

## Prep Batch: 129723

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67458-1	Backfill	Total/NA	Solid	8015NM Prep	
MB 880-129723/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-129723/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-129723/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-67328-A-58-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-67328-A-58-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

## Analysis Batch: 129982

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67458-1	Backfill	Total/NA	Solid	8015B NM	129723
MB 880-129723/1-A	Method Blank	Total/NA	Solid	8015B NM	129723
LCS 880-129723/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	129723
LCSD 880-129723/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	129723
880-67328-A-58-C MS	Matrix Spike	Total/NA	Solid	8015B NM	129723
880-67328-A-58-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	129723

## Analysis Batch: 130098

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67458-1	Backfill	Total/NA	Solid	8015 NM	

## HPLC/IC

## Leach Batch: 129957

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67458-1	Backfill	Soluble	Solid	DI Leach	
MB 880-129957/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-129957/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-129957/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Eurofins Midland

### QC Association Summary

Client: Carmona Resources  
 Project/Site: Van Gogh 11B Flare Fire (11.18.25)

Job ID: 880-67458-1  
 SDG: 3072

#### HPLC/IC (Continued)

##### Leach Batch: 129957 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9405-A-1-B MS	Matrix Spike	Soluble	Solid	DI Leach	
890-9405-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

##### Analysis Batch: 129978

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67458-1	Backfill	Soluble	Solid	300.0	129957
MB 880-129957/1-A	Method Blank	Soluble	Solid	300.0	129957
LCS 880-129957/2-A	Lab Control Sample	Soluble	Solid	300.0	129957
LCSD 880-129957/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	129957
890-9405-A-1-B MS	Matrix Spike	Soluble	Solid	300.0	129957
890-9405-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	129957

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### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Van Gogh 11B Flare Fire (11.18.25)

Job ID: 880-67458-1  
 SDG: 3072

**Client Sample ID: Backfill**

**Lab Sample ID: 880-67458-1**

Date Collected: 01/22/26 00:00

Matrix: Solid

Date Received: 01/27/26 14:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	130000	01/27/26 12:35	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130001	01/27/26 22:50	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			130025	01/27/26 22:50	AJ	EET MID
Total/NA	Analysis	8015 NM		1			130098	01/27/26 15:52	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	129723	01/22/26 15:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129982	01/27/26 15:52	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	129957	01/27/26 14:45	SMC	EET MID
Soluble	Analysis	300.0		1			129978	01/27/26 16:23	CS	EET MID

**Laboratory References:**

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

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### Accreditation/Certification Summary

Client: Carmona Resources  
Project/Site: Van Gogh 11B Flare Fire (11.18.25)

Job ID: 880-67458-1  
SDG: 3072

#### Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

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

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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### Method Summary

Client: Carmona Resources  
Project/Site: Van Gogh 11B Flare Fire (11.18.25)

Job ID: 880-67458-1  
SDG: 3072

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

**Protocol References:**

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

**Laboratory References:**

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



### Sample Summary

Client: Carmona Resources  
Project/Site: Van Gogh 11B Flare Fire (11.18.25)

Job ID: 880-67458-1  
SDG: 3072

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-67458-1	Backfill	Solid	01/22/26 00:00	01/27/26 14:43	New Mexico

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### Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-67458-1

SDG Number: 3072

**Login Number: 67458**

**List Number: 1**

**Creator: Dyal, Erica**

**List Source: Eurofins Midland**

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

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

QUESTIONS

Action 556138

**QUESTIONS**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 556138
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2528757665
Incident Name	NAPP2528757665 CRANBERRY BSU STATE COM #5H @ 30-025-41670
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-41670] CRANBERRY BSU STATE COM #005H

<b>Location of Release Source</b>	
<i>Please answer all the questions in this group.</i>	
Site Name	CRANBERRY BSU STATE COM #5H
Date Release Discovered	10/13/2025
Surface Owner	State

<b>Incident Details</b>	
<i>Please answer all the questions in this group.</i>	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

<b>Nature and Volume of Release</b>	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Cause: Corrosion   Flow Line - Production   Crude Oil   Released: 15 BBL   Recovered: 15 BBL   Lost: 0 BBL.
Produced Water Released (bbls) Details	Cause: Corrosion   Flow Line - Production   Produced Water   Released: 63 BBL   Recovered: 15 BBL   Lost: 48 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	The release was initially reported as 10 bbls of crude oil and water mix. The crude oil and produced water release stayed on the pad and during the recovery efforts 30 bbls of fluid was recovered. The initial soil assessment calculated to be 78 bbls released.

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QUESTIONS, Page 2

Action 556138

**QUESTIONS (continued)**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 556138
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	<b>No, according to supplied volumes this does not appear to be a "gas only" report.</b>
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	<b>Yes</b>
Reasons why this would be considered a submission for a notification of a major release	<b>From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.</b>

*With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.*

**Initial Response**

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	na

*Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.*

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

I hereby agree and sign off to the above statement	Name: Todd Wells Title: Safety and Environmental Specialist Email: Todd_Wells@eogresources.com Date: 02/19/2026
--	--

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QUESTIONS, Page 3

Action 556138

**QUESTIONS (continued)**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 556138
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	U.S. Geological Survey
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Between 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1000 (ft.) and ½ (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Between 1000 (ft.) and ½ (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1000 (ft.) and ½ (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

**Remediation Plan**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

**Soil Contamination Sampling:** (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	8000
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	4323
GRO+DRO (EPA SW-846 Method 8015M)	3642
BTEX (EPA SW-846 Method 8021B or 8260B)	1
Benzene (EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	12/16/2025
On what date will (or did) the final sampling or liner inspection occur	01/20/2026
On what date will (or was) the remediation complete(d)	01/22/2026
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	6568
What is the estimated volume (in cubic yards) that will be remediated	765

*These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.*

*The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.*

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QUESTIONS, Page 4

Action 556138

**QUESTIONS (continued)**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 556138
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

**Remediation Plan (continued)**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

**This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:**

(Select all answers below that apply.)

(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	FEEM0112342028 LEA LAND LANDFILL
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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

I hereby agree and sign off to the above statement	Name: Todd Wells Title: Safety and Environmental Specialist Email: Todd_Wells@eogresources.com Date: 02/19/2026
--	--

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 556138

**QUESTIONS (continued)**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 556138
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Deferral Requests Only</b>	
<i>Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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

QUESTIONS, Page 6

Action 556138

**QUESTIONS (continued)**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 556138
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

Sampling Event Information	
Last sampling notification (C-141N) recorded	543713
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/20/2026
What was the (estimated) number of samples that were to be gathered	35
What was the sampling surface area in square feet	4625

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	6568
What was the total volume (cubic yards) remediated	765
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	na

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

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

I hereby agree and sign off to the above statement	Name: Todd Wells Title: Safety and Environmental Specialist Email: Todd_Wells@eogresources.com Date: 02/19/2026
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Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

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Action 556138

**QUESTIONS (continued)**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 556138
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Reclamation Report</b>	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 556138

**CONDITIONS**

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 556138
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**CONDITIONS**

Created By	Condition	Condition Date
scott.rodgers	This Remediation Closure Report is approved. Areas reasonably needed for production or subsequent drilling operations will need to be reclaimed and revegetated as soon as they are no longer reasonably needed. A report for reclamation and revegetation will need to be submitted and approved prior to this incident receiving the final status of "Restoration Complete".	4/2/2026