

#### SITE INFORMATION

Closure Report
Igloo Federal Production Facility
Incident #: nAPP2507938040
Lea County, New Mexico
Unit J Sec 19 T20S R35E
32.555183°, -103.495366°

Produced Water Release
Point of Release: Equipment Failure
Release Date: 03.20.2025
Volume Released: 45 Barrels of Produced Water
Volume Recovered: 0 Barrels of Produced Water

### CARMONA RESOURCES



Prepared for: Caza Operating, LLC 200 North Loraine Street Suite 1550 Midland, Texas 79701

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



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**TOPOGRAPHIC** 



June 24, 2025

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

**Re:** Closure Report

Igloo Federal Production Facility Caza Operating, LLC Incident # nAPP2507938040

Site Location: Unit J, S19, T20S, R35E (Lat 32.555183°, Long -103.495366°

Lea County, New Mexico

To whom it may concern:

On behalf of Caza Operating, LLC (Caza), Carmona Resources, LLC has prepared this letter to document site activities for the Igloo Federal Production Facility. The site is located at 32.555183°, -103.495366° within Unit J, S19, T20S, and R35E, 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 March 20, 2025, due to equipment failure stemming from a valve. It resulted in the release of forty-five (45) barrels of produced water, with zero (0) barrels recovered. The incident occurred on pad. Refer to Figure 3 for the affected area. The Notification of Release is attached in Appendix C.

#### 2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no known water sources within a 0.50-mile radius of the location. The nearest identified well is located approximately 0.75 miles Southwest of the site in S30, T20S, R35E and was drilled in 2022. The groundwater determination bore was drilled to 55 feet below ground surface (ft bgs) and was left open for 72 hours. The bore was tagged with a water level meter and indicated no signs of water at a depth of 55' 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, 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 Site Assessment**

Prior to Carmona Resources, LLC being onsite, a third-party environmental consultant performed site assessment activities to evaluate soil impacts stemming from the release. Caza contacted Carmona Resources

310 West Wall Street, Suite 500 Midland, Texas 79701 432.813.1992



to further investigate the incident. The initial sampling assessment results were evaluated by Carmona Resources personnel via field screenings.

#### 5.0 Remediation Activities

Carmona Resources personnel were onsite to guide excavation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via NMOCD portal on April 30, 2025, per Subsection D of 19.15.29.12 NMAC. See Appendix C for the NMOCD correspondence. A total of one hundred and seventy (170) confirmation floor samples (CS-1 through CS-170) and thirty (30) sidewall samples (SW-1 through SW-30) were collected every 200 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 4500. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figures 4A, 4B, 4C and 4D.

All final confirmation samples were below the regulatory limits for benzene, total BTEX, TPH, and chloride concentrations. Refer to Table 2 for the results.

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. A composite sample of the backfill material was collected for laboratory analysis on January 21, 2025, prior to its use. Refer to Table 2. Approximately 1,600 cubic yards of material were excavated and transported off-site for proper disposal.

#### 6.0 Conclusions

Based on the assessment results and the analytical data, no further actions are required at the site. Caza formally requests the closure of the spill. 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

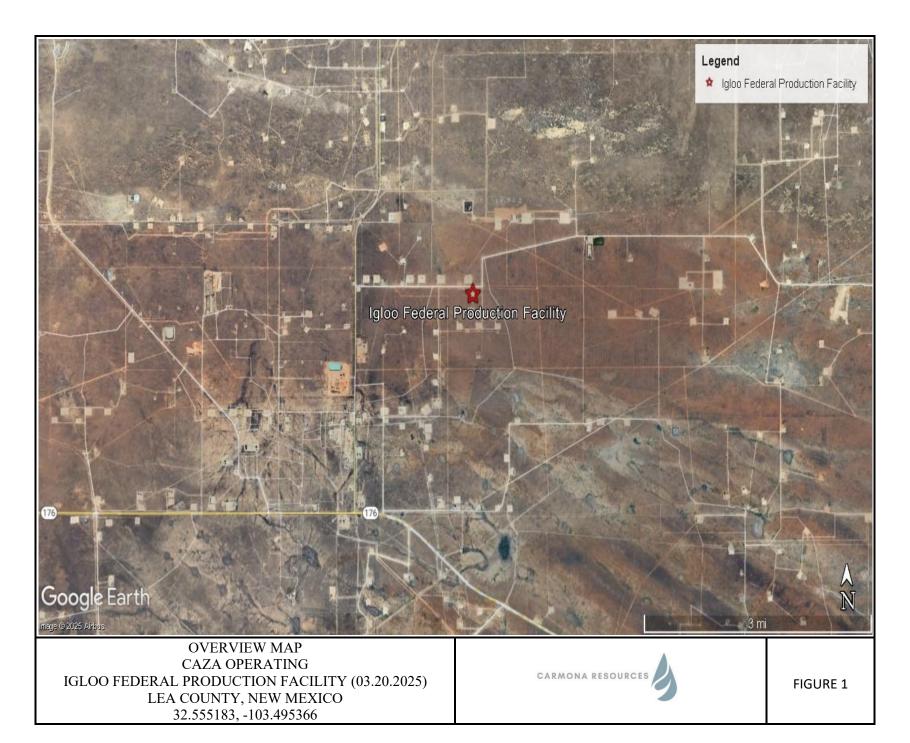
Environmental Manager

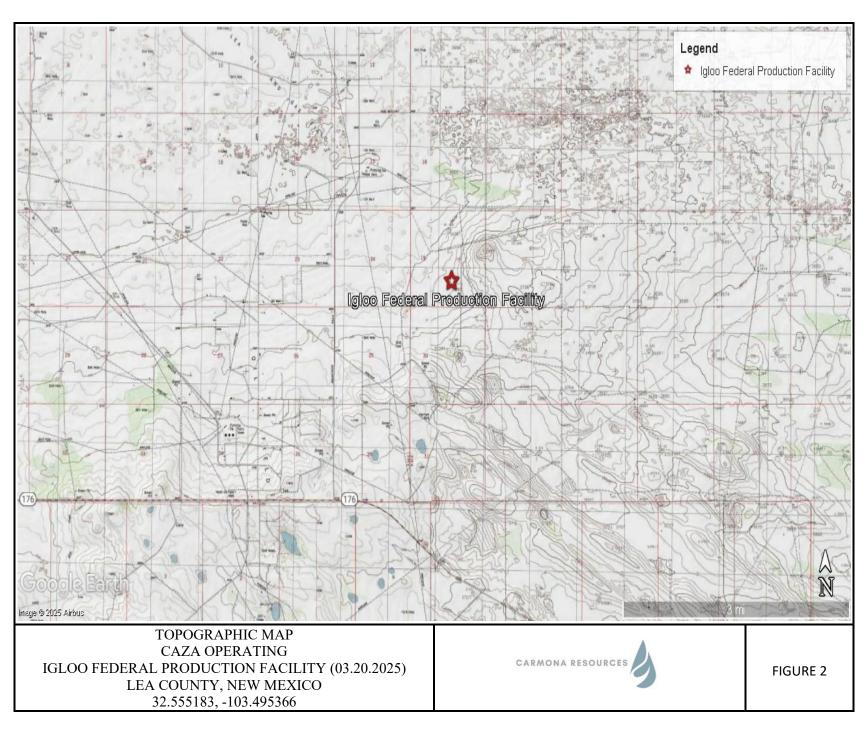
Ivan Ramos

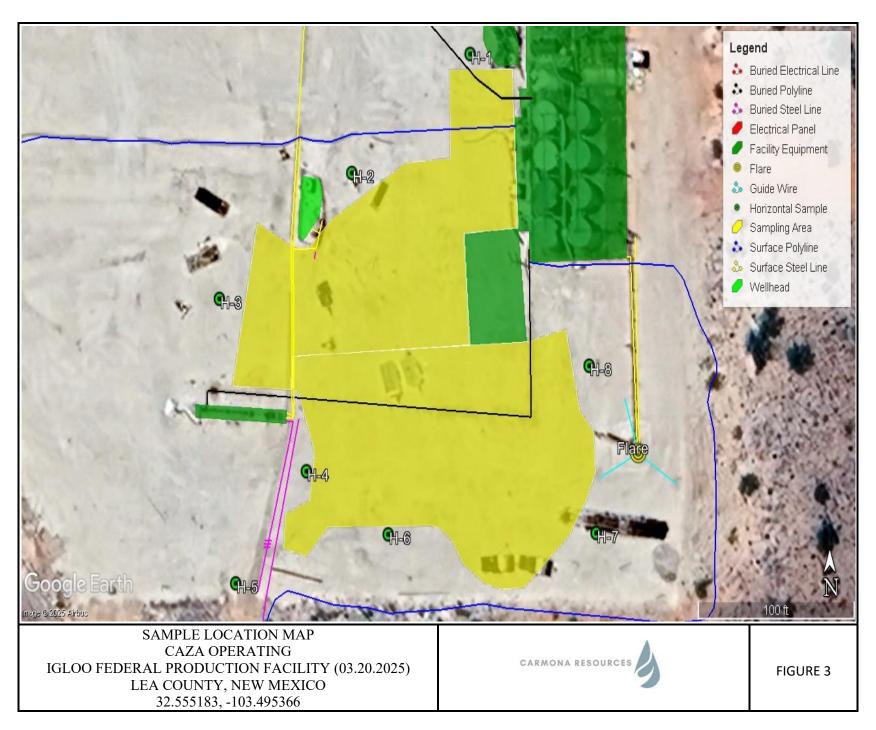
Project Manager

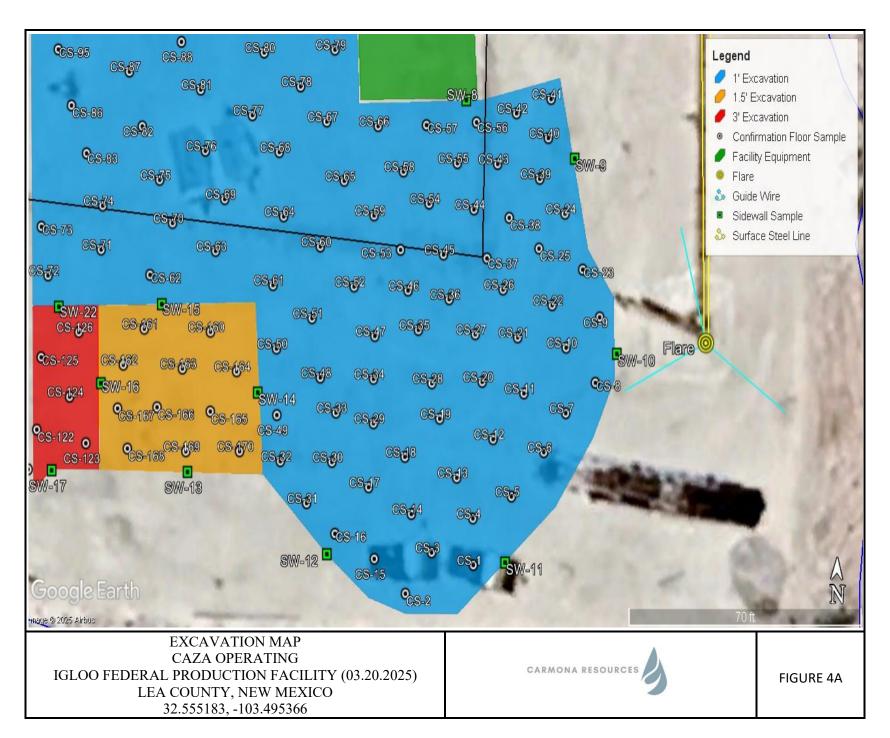
#### **FIGURES**

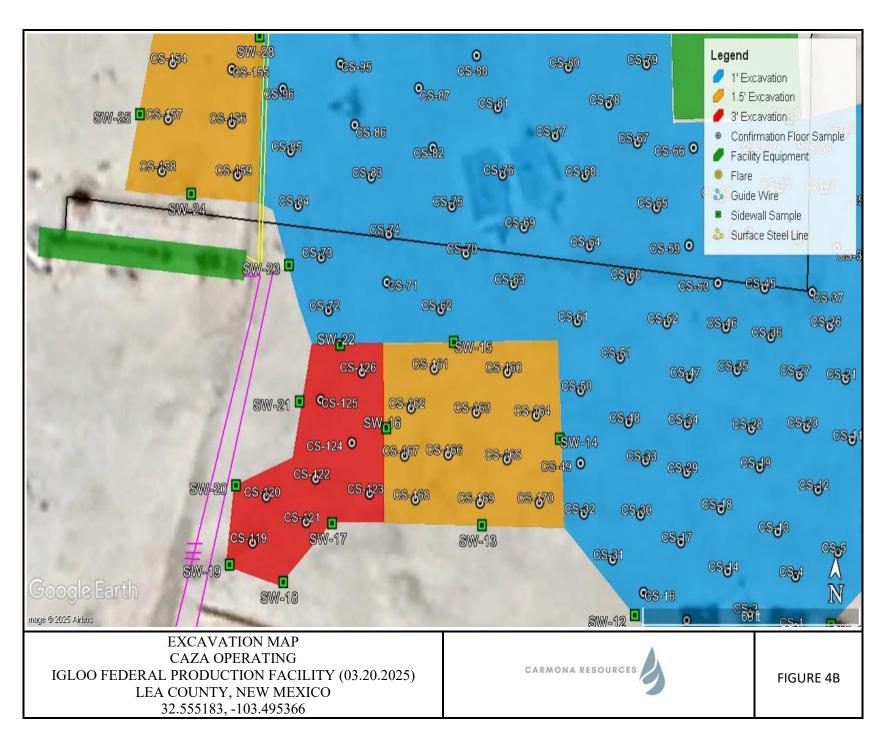
# CARMONA RESOURCES

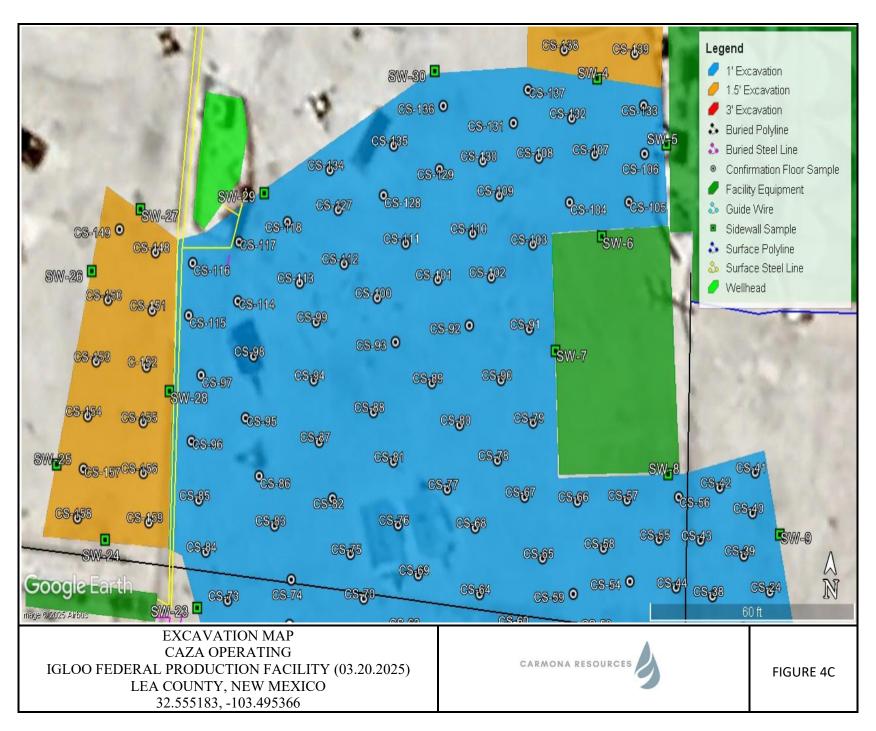


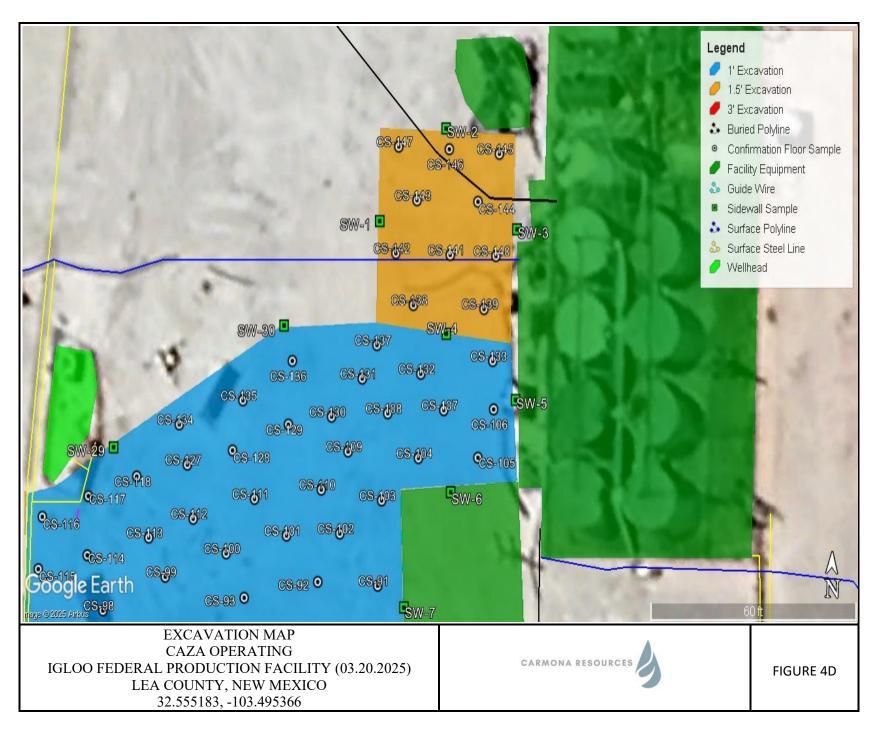












#### **APPENDIX A**

# CARMONA RESOURCES

Table 1
Caza Operating
Igloo Federal Production Facility
Lea County, New Mexico

2 1 12	2.	B 41 (6)		ТРН	(mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	BTEX (mg/kg)	(mg/kg)
CS-1	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-2	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-3	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-4	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-5	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-6	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-7	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-8	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-9	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-10	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-11	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-12	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-13	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-14	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-15	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	384
CS-16	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-17	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-18	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-19	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-20	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-21	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-22	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-23	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-24	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-25	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
	tory Criteria <sup>A</sup> ot Analyzed					100 mg/kg	10 mg/kg				50 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 1 Caza Operating Igloo Federal Production Facility Lea County, New Mexico

0	Dete	Donath (50)		ТРН	(mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	BTEX (mg/kg)	(mg/kg)
CS-26	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-27	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-28	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-29	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-30	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-31	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-32	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-33	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-34	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-35	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-36	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-37	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-38	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-39	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-40	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-41	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-42	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-43	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-44	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS45	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-46	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-47	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-48	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-49	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-50	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	tory Criteria <sup>A</sup> ot Analyzed					100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

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

(CS) Confirmation Sample

Table 1
Caza Operating
Igloo Federal Production Facility
Lea County, New Mexico

				ТРН	(mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	BTEX (mg/kg)	(mg/kg)
CS-51	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-52	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-53	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-54	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-55	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-56	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-57	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-58	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-59	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-60	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-61	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-62	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-63	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-64	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-65	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-66	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-67	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-68	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-69	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-70	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-71	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-72	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-73	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-74	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-75	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
Regulat	tory Criteria <sup>A</sup>					100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed

### Table 1 Caza Operating Igloo Federal Production Facility Lea County, New Mexico

0 1 12		<b>D</b> (1 (5)		TPH	(mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	BTEX (mg/kg)	(mg/kg)
CS-76	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-77	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-78	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-79	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-80	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-81	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-82	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-83	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-84	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-85	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-86	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-87	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-88	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-89	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-90	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-91	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-92	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-93	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-94	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-95	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-96	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-97	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-98	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-99	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-100	5/2/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
Regulat	tory Criteria <sup>A</sup>					100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed

### Table 1 Caza Operating Igloo Federal Production Facility Lea County, New Mexico

		- 11 (6)		ТРН	(mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	BTEX (mg/kg)	(mg/kg)
CS-101	5/2/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-102	5/2/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-103	5/2/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-104	5/2/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-105	5/2/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-106	5/2/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-107	5/2/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-108	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-109	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-110	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-111	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-112	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-113	5/2/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-114	5/2/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-115	5/2/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-116	5/2/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-117	5/2/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-118	5/2/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-119	5/2/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-120	5/2/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-121	5/2/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-122	5/2/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-123	5/2/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-124	5/2/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-125	5/2/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
Regulat	ory Criteria <sup>A</sup>					100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed

### Table 1 Caza Operating Igloo Federal Production Facility Lea County, New Mexico

				ТРН	(mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	BTEX (mg/kg)	(mg/kg)
CS-126	5/2/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-127	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-128	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-129	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-130	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-131	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-132	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-133	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-134	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-135	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-136	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-137	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-138	5/2/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-139	5/2/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-140	5/2/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-141	5/2/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-142	5/2/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-143	5/2/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-144	5/2/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-145	5/2/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-146	5/2/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-147	5/2/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-148	5/2/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-149	5/2/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-150	5/2/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
Regulat	ory Criteria <sup>A</sup>					100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed

Table 1
Caza Operating
Igloo Federal Production Facility
Lea County, New Mexico

Comple ID	Date	Danish (fs)		TPH	(mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
CS-151	5/2/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-152	5/2/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-153	5/2/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-154	5/2/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-155	5/2/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-156	5/2/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-157	5/2/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-158	5/2/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-159	5/2/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-160	5/2/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-161	5/2/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-162	5/2/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-163	5/2/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-164	5/2/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-165	5/2/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-166	5/2/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-167	5/2/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-168	5/2/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-169	5/2/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-170	5/2/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-1	5/2/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-2	5/2/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-3	5/2/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-4	5/2/2025	0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-5	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	to <i>ry Criteria <sup>A</sup></i> ot Analyzed					100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed

A – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram

mg/kg - milligram per kilogram TPH - Total Petroleum Hydrocarbons ft - feet (CS) Confirmation Sample

(SW) Side Wall

Table 1
Caza Operating
Igloo Federal Production Facility
Lea County, New Mexico

				TPH	(mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	BTEX (mg/kg)	(mg/kg)
SW-6	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-7	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-8	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-9	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-10	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-11	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-12	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-13	5/2/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-14	5/2/2025	0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-15	5/2/2025	0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-16	5/2/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-17	5/2/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-18	5/2/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-19	5/2/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-20	5/2/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-21	5/2/2025	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-22	5/2/2025	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-23	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-24	5/2/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-25	5/2/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-26	5/2/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-27	5/2/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-28	5/2/2025	0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-29	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-30	5/2/2025	1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
Sims Pit	1/21/2025	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	<i>tory Criteria <sup>A</sup></i> ot Analyzed					100 mg/kg	10 mg/kg				50 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) Side Wall

#### **APPENDIX B**

# CARMONA RESOURCES

Caza Operating, LLC

#### Photograph No. 1

Facility: Igloo Federal Production Facility

(03.20.2025)

County: Lea County, New Mexico

**Description:** 

View Southeast of facility sign.



#### Photograph No. 2

Facility: Igloo Federal Production Facility

(03.20.2025)

County: Lea County, New Mexico

**Description:** 

View North, area of CS-1 through CS-23.



#### Photograph No. 3

Facility: Igloo Federal Production Facility

(03.20.2025)

County: Lea County, New Mexico

**Description:** 

View Southwest, area of CS-24 and CS-61.



Caza Operating, LLC

#### Photograph No. 4

Facility: Igloo Federal Production Facility

(03.20.2025)

County: Lea County, New Mexico

**Description:** 

View Northeast, area of CS-62 through CS-103.



#### Photograph No. 5

Facility: Igloo Federal Production Facility

(03.20.2025)

County: Lea County, New Mexico

**Description:** 

View West, area of CS-104 through CS-118.



#### Photograph No. 6

Facility: Igloo Federal Production Facility

(03.20.2025)

County: Lea County, New Mexico

**Description:** 

View South, area of CS-119 through CS-126.



Caza Operating, LLC

#### Photograph No. 7

Facility: Igloo Federal Production Facility

(03.20.2025)

County: Lea County, New Mexico

**Description:** 

View Northeast, area of CS-127 through CS-137.



#### Photograph No. 8

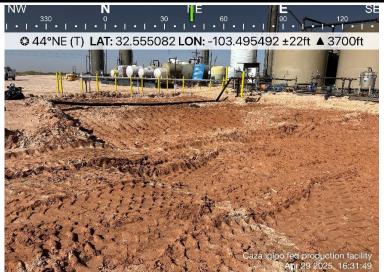
Facility: Igloo Federal Production Facility

(03.20.2025)

County: Lea County, New Mexico

**Description:** 

View Northeast, area of CS-138 through CS-147.



#### Photograph No. 9

Facility: Igloo Federal Production Facility

(03.20.2025)

County: Lea County, New Mexico

**Description:** 

View North, area of CS-148 through CS-159.



Caza Operating, LLC

#### Photograph No. 10

Facility: Igloo Federal Production Facility

(03.20.2025)

County: Lea County, New Mexico

**Description:** 

View North, area of CS-160 through CS-170.



#### Photograph No. 11

Facility: Igloo Federal Production Facility

(03.20.2025)

County: Lea County, New Mexico

**Description:** 

View North of backfilled area.



#### Photograph No. 12

Facility: Igloo Federal Production Facility

(03.20.2025)

County: Lea County, New Mexico

**Description:** 

View Southeast of backfilled area.



Caza Operating, LLC

#### Photograph No. 13

Facility: Igloo Federal Production Facility

(03.20.2025)

County: Lea County, New Mexico

**Description:** 

View Southeast of backfilled area.



#### Photograph No. 14

Facility: Igloo Federal Production Facility

(03.20.2025)

County: Lea County, New Mexico

**Description:** 

View East of backfilled area.



#### Photograph No. 15

Facility: Igloo Federal Production Facility

(03.20.2025)

County: Lea County, New Mexico

**Description:** 

View North of backfilled area.



#### **APPENDIX C**

# CARMONA RESOURCES

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 444174

#### **QUESTIONS**

Operator:	OGRID:
CAZA OPERATING, LLC	249099
200 N Loraine St	Action Number:
Midland, TX 79701	444174
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

#### QUESTIONS

Location of Release Source		
Please answer all the questions in this group.		
Site Name Igloo Fed Production Facility		
Date Release Discovered	03/20/2025	
Surface Owner Private		

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

Nature and Volume of Release				
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.				
Crude Oil Released (bbls) Details	Not answered.			
Produced Water Released (bbls) Details	Cause: Equipment Failure   Valve   Produced Water   Released: 45 BBL   Recovered: 0 BBL   Lost: 45 BBL.			
Is the concentration of chloride in the produced water >10,000 mg/l	No			
Condensate Released (bbls) Details	Not answered.			
Natural Gas Vented (Mcf) Details	Not answered.			
Natural Gas Flared (Mcf) Details	Not answered.			
Other Released Details	Not answered.			
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	n/a			

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Phone: (505) 629-6116

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

## 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 444174

**QUESTIONS** (continued)

Operator:	OGRID:
CAZA OPERATING, LLC	249099
200 N Loraine St	Action Number:
Midland, TX 79701	444174
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

#### QUESTIONS

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

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 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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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

ACKNOWLEDGMENTS

Action 444174

#### **ACKNOWLEDGMENTS**

ı	Operator:	OGRID:
ı	CAZA OPERATING, LLC	249099
ı	200 N Loraine St	Action Number:
ı	Midland, TX 79701	444174
ı		Action Type:
ı		[NOTIFY] Notification Of Release (NOR)

#### ACKNOWLEDGMENTS

$\overline{\lor}$	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
V	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
V	I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
14/8	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.
V	I acknowledge the fact that 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.
V	I acknowledge the fact that, 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.

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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 444174

#### **CONDITIONS**

Operator:	OGRID:
CAZA OPERATING, LLC	249099
200 N Loraine St	Action Number:
Midland, TX 79701	444174
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

#### CONDITIONS

Created By		Condition Date
karrendondo	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	3/20/2025

	***** LIQU	ID SPILLS - VOL	UME CALCULATIO	NS *****			
Location of spill:	Igloo Fed Production	Facility	Date of Spill:	20-Mar-20	25		
	If the leak/spill is as	sociated with producti	on equipment, i.e wellhead	d, stuffing box,			
	flowline, tank battery, pr	oduction vessel, transfe	r pump, or storage tank <b>place</b>	e an "X" here:			
		Input	t Data:	011 -	WATED.		
If spill volumes from m	easurement, i.e. metering,	tank volumes, etc. are k	nown enter the volumes here:	OIL: 0.0 BBL	WATER: 45.0 BBL		
· ·			alculations" is optional. Th		e the calculated vo	olumes.	
Total Are	a Calculations			Standing Liquid	I Calculations		
Total Surface Area width	longth	wet soil depth oil (%)	Standing Liquid Area	width	longth	liquid donth	oil (%)
Rectangle Area #1 100 ft	length 450 ft X	0.50 in 0%	Standing Liquid Area Rectangle Area #1		length 0 ft X	liquid depth 1 in	0%
Rectangle Area #2 0 ft 2	Oft X	0 in 0%			0 ft X	0 in	0%
Rectangle Area #3 0 ft		0 in 0%	- C		0 ft X	0 in	0%
Rectangle Area #4 0 ft 2 Rectangle Area #5 0 ft 2		0 in 0% 0 in 0%			0 ft X 0 ft X	0 in 0 in	0% 0%
Rectangle Area #6 0 ft 2		0 in 0%			0 ft X	0 in	0%
Rectangle Area #7 0 ft		0 in 0%			0 ft X	0 in	0%
Rectangle Area #8 0 ft		0 in 0%			0 ft X	0 in	0%
		okay		_			
Average Daily Production: Oil 0		ystem leak - DAILY PRO 0 Gas (MCFD)	ODUCTION DATA REQUIRE	D			
Average Daily Floduction. Oil 0	DDL Water 0 DDL	Gas (MCFD)	Total Hydrocarbon (	Content in gas: 0%	(percentage)		
Did look accur before the congretor?	YES N/A	(nlace on "V")	H2S Content in F		PPM		
Did leak occur before the separator?:	TES IN/A	(place an "X")	H2S Content in		PPM		
Amount of Free Liquid			Percentage of Oil	in Free Liquid			
Recovered: 0 BBL	okay		r ercentage of Oil	Recovered: 0%	(percentage)		
Liquid holding factor *: 0.14 gal p		ing when the spill wets the gra		Use the following when the			
		gallon (gal.) liquid per gal. vo		Occurs when the spill so			ot).
	• •	iche) loam = <b>0.14</b> gal. liquid p oam soil = <b>0.14</b> gal liquid per ç	-	* Clay loam = <b>0.20</b> gal. lic * Gravelly (caliche) loam			
		<b>0.16</b> gal. liquid per gal. volum		* Sandy loam = <b>0.5</b> gal. li			
Total Solid/Liquid Volume: 45,000 sq. ft	. 1,875 cu. ft.	cu. ft.	Total Free Liquid Volume:	sq. ft.	cu. ft.	cu.	ft.
Estimated Volumes Spilled			Estimated Productio	n Volumes Lost			
	<u>H2O</u>	OIL			<u>H2O</u>	OIL .	
Liquid in Soil: Free Liquid:	46.8 BBL 0.0 BBL	0.0 BBL 0.0 BBL	Estimated Prod	luction Spilled:	45.0 BBL	0.0 BBI	L
Totals:	46.8 BBL	0.0 BBL	Estimated Surfa Surface Area:				
Total Liquid Spill Liquid:	45.0 BBL	0.00 BBL	Surface Area:				
Recovered Volumes			<b>Estimated Weights</b>	, and Volumes			
Estimated oil recovered: BBL	check - ok	rav	Saturated Soil =	210,000 lbs	1,875 cu. ft.	69 cu.	vde
Estimated on recovered: BBL	check - of	*	Total Liquid =	,	1,890 gallon	15,725 lbs	yus.
		<u> </u>				<u> </u>	
Air Emission from flowline leaks:			Air Emission of Report	ina Requirements:			
Volume of oil spill: - BBL				New Mexico	Texas		
Separator gas calculated: - MCF			HC gas release reportable?		NO		
Separator gas released: - MCF			H2S release reportable?		NO		
Gas released from oil: - Ib			•				
H2S released: - Ib							
Total HC gas released: - lb							
Total HC gas released: - MCF							

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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

Action 444975

#### **QUESTIONS**

Operator:	OGRID:
CAZA OPERATING, LLC	249099
200 N Loraine St	Action Number:
Midland, TX 79701	444975
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

#### QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2507938040
Incident Name	NAPP2507938040 IGLOO FED PRODUCTION FACILITY @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Received
Incident Facility	[fAPP2429536536] Igloo Fed Production Facility

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Igloo Fed Production Facility
Date Release Discovered	03/20/2025
Surface Owner	Private

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

Nature and Volume of Release		
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.		
Crude Oil Released (bbls) Details	Not answered.	
Produced Water Released (bbls) Details	Cause: Equipment Failure   Valve   Produced Water   Released: 45 BBL   Recovered: 0 BBL   Lost: 45 BBL.	
Is the concentration of chloride in the produced water >10,000 mg/l	No	
Condensate Released (bbls) Details	Not answered.	
Natural Gas Vented (Mcf) Details	Not answered.	
Natural Gas Flared (Mcf) Details	Not answered.	
Other Released Details	Not answered.	
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	n/a	

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

QUESTIONS, Page 2

Action 444975

**QUESTIONS** (continued)

QOEST	ONS (continued)
Operator:	OGRID:
CAZA OPERATING, LLC 200 N Loraine St	249099 Action Number:
Midland, TX 79701	444975
·	Action Type: [C-141] Initial C-141 (C-141-v-Initial)
QUESTIONS	
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
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 s	afety 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	n/a
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releathe OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Kelly Arrendondo Title: Production Reporting Manager Email: karredondo@ntglobal.com Date: 03/24/2025

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 444975

**QUESTIONS** (continued)

Operator:	OGRID:
CAZA OPERATING, LLC	249099
200 N Loraine St	Action Number:
Midland, TX 79701	444975
F	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)
OUESTIONS	

#### 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 What is the shallowest depth to groundwater beneath the area affected by the Not answered. release in feet below ground surface (ft bgs) What method was used to determine the depth to ground water Not answered. Did this release impact groundwater or surface water Not answered What is the minimum distance, between the closest lateral extents of the release and the following surface areas: 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 Not answered. for domestic or stock watering purposes Any other fresh water well or spring Not answered. Incorporated municipal boundaries or a defined municipal fresh water well field Not answered. 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 A 100-year floodplain Not answered. Did the release impact areas not on an exploration, development, production, or Not answered. storage site

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	No	
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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# State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Action 444975

### **CONDITIONS**

Operator:	OGRID:
CAZA OPERATING, LLC	249099
200 N Loraine St	Action Number:
Midland, TX 79701	444975
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

### CONDITIONS

	Created By	Condition	Condition Date
Ī	scott.rodgers	None	3/24/2025

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

Phone: (505) 629-6116

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

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

QUESTIONS

Action 456990

### **QUESTIONS**

Operator:	OGRID:
CAZA OPERATING, LLC	249099
200 N Loraine St	Action Number:
Midland, TX 79701	456990
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

### QUESTIONS

Prerequisites						
Incident ID (n#)	nAPP2507938040					
Incident Name	NAPP2507938040 IGLOO FED PRODUCTION FACILITY @ 0					
Incident Type	Produced Water Release					
Incident Status	Initial C-141 Approved					
Incident Facility	[fAPP2429536536] Igloo Fed Production Facility					

Location of Release Source					
Site Name	Igloo Fed Production Facility				
Date Release Discovered	03/20/2025				
Surface Owner	Private				

Sampling Event General Information							
Please answer all the questions in this group.							
What is the sampling surface area in square feet	32,560						
What is the estimated number of samples that will be gathered	195						
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/02/2025						
Time sampling will commence	08:00 AM						
Please provide any information necessary for observers to contact samplers	Carmona Resources - 4328136823						
Please provide any information necessary for navigation to sampling site	32.555337, -103.495730						

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 456990

### **CONDITIONS**

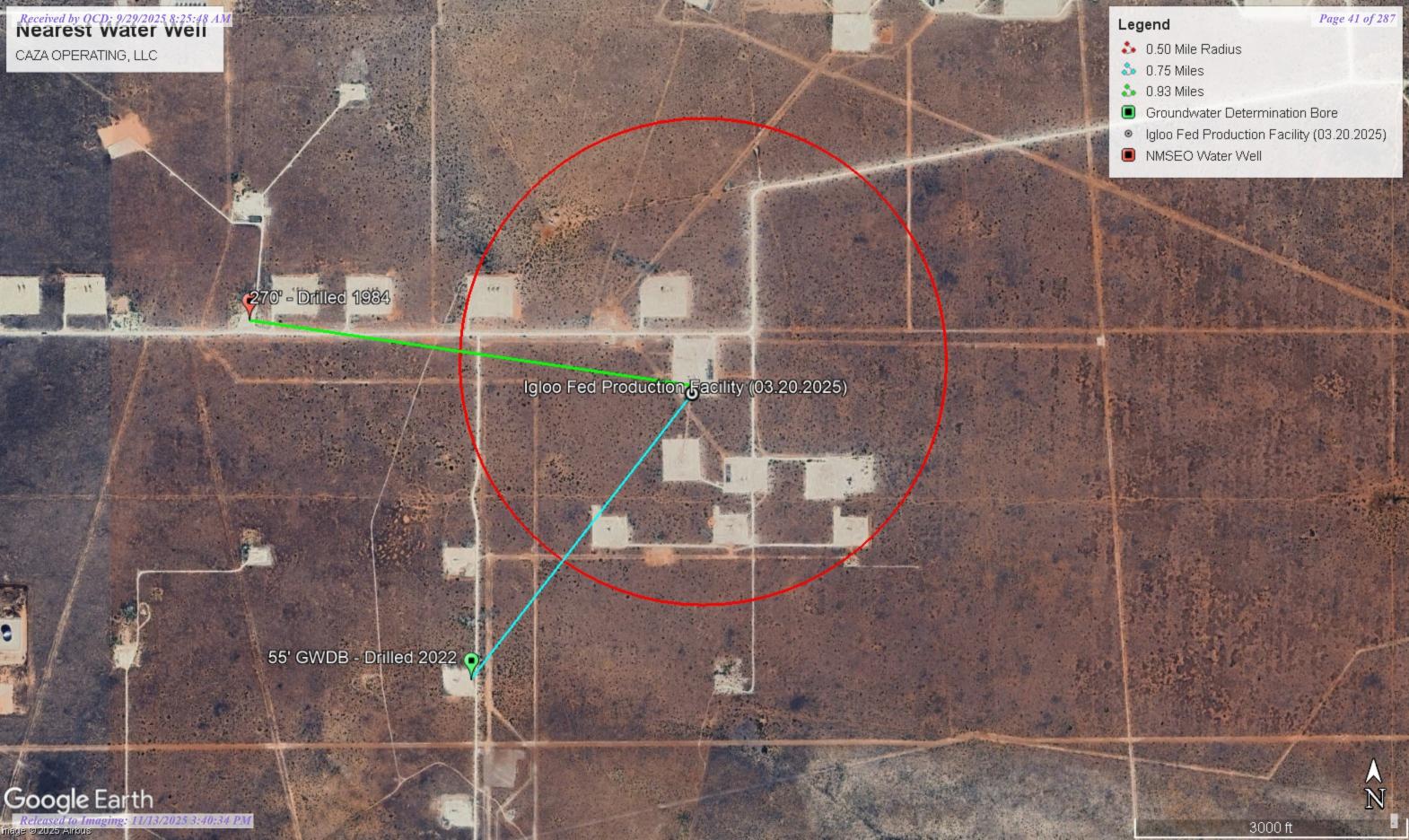
Operator:	OGRID:
CAZA OPERATING, LLC	249099
200 N Loraine St	Action Number:
Midland, TX 79701	456990
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

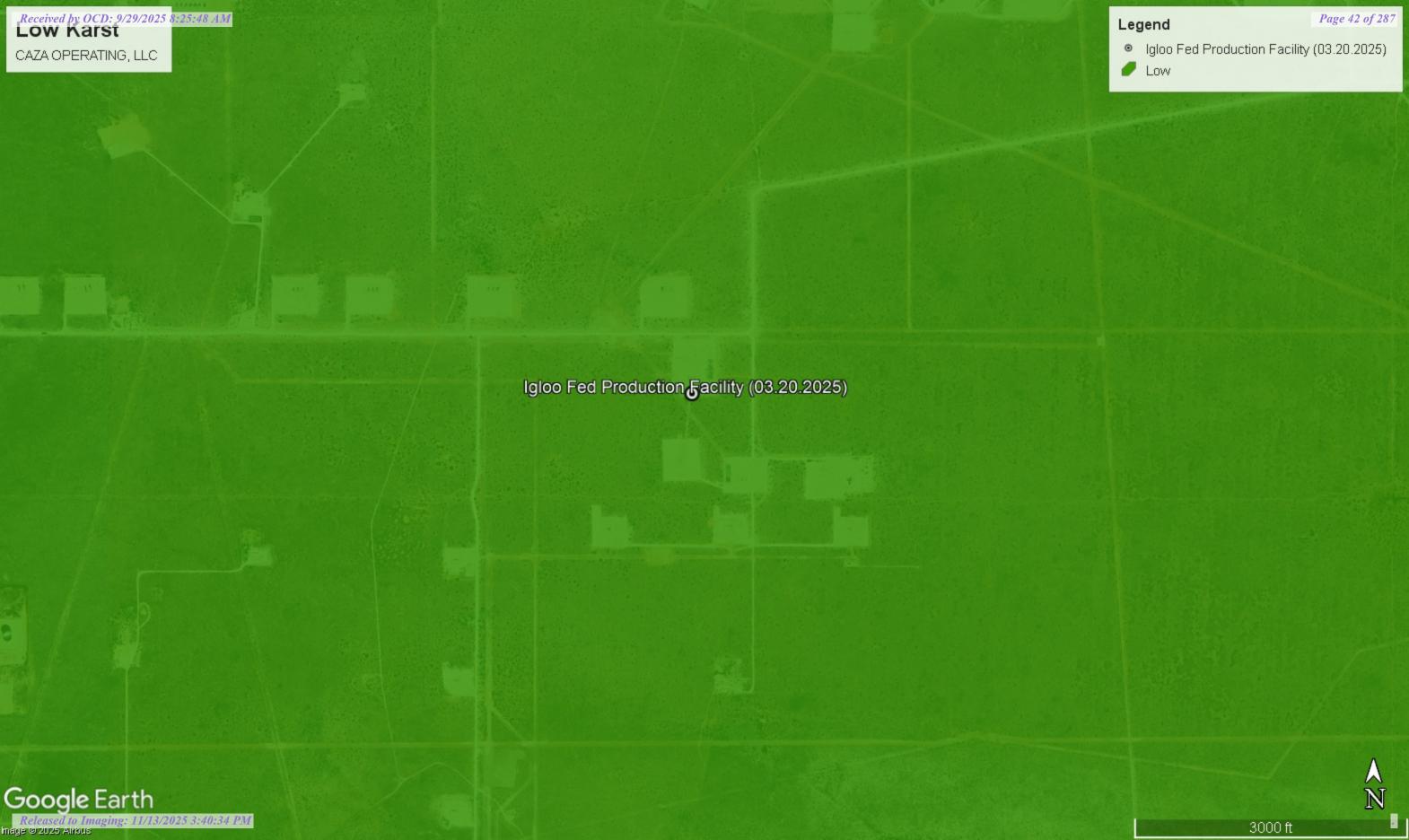
### CONDITIONS

Create By		Condition Date
tberry	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.	4/30/2025

# **APPENDIX D**

# CARMONA RESOURCES







## 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

(quarters are smallest to

(meters) (In feet) largest) Well Depth Water Sec Tws Range X NW SE 24 20S 34E 639740.0 3603128.0 \* 1521 698

Sub **POD Number** Code basin County Q64 Q16 Q4 Map Distance Depth Water Column CP 00665 LE CP 428 CP 01204 POD1 CP LE SW NW NW 25 20S 34E 638755.1 3602250.6 2614 370 CP 00654 POD1 CP 20S 34E 640103.0 3605947.0 \* 3155 LE SE SE 12

Average Depth to Water: 270 feet

Minimum Depth: 270 feet

Maximum Depth: 270 feet

Record Count: 3

**UTM Filters (in meters):** 

**Easting:** 641257.02 **Northing:** 3603010.21

**Radius:** 4000

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

<sup>\*</sup> UTM location was derived from PLSS - see Help



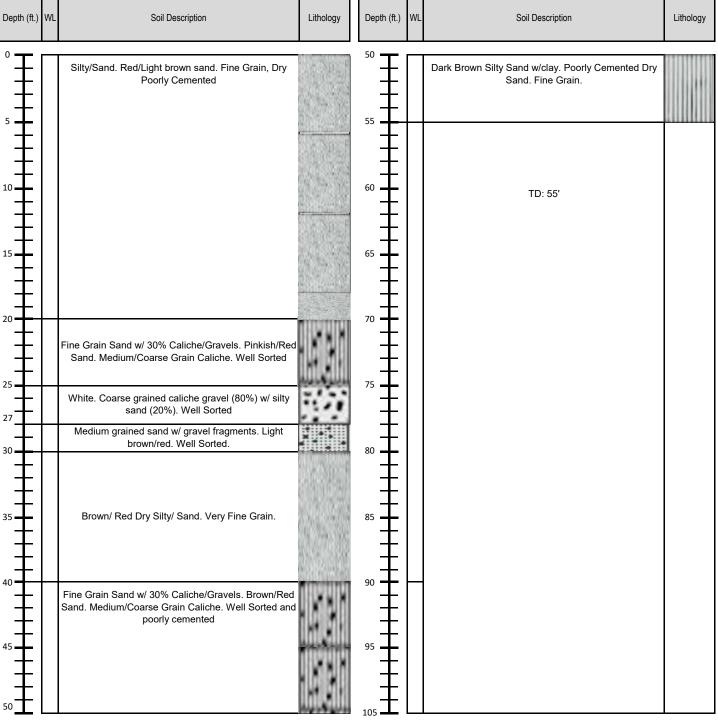
Project Name : Chief 30 State #3H Date : Tuesday, August 30, 2022

Project No.: Sampler: A. Thielke

Location : Lea County, New Mexico

Coordinates : 32.54596, -103.50371 Driller : Scarbourgh Drilling

Elevation : Method : Air Rotary



Comments: Boring terminated at 55' at 15:00 Central Time with no presence of groundwater or moisture, checked for moisture on 9/7/2022. No moisture present.



USGS Home Contact USGS Search USGS

**National Water Information System: Web Interface** 

**USGS** Water Resources

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

### Click to hideNews Bulletins

 Explore the NEW <u>USGS National Water Dashboard</u> 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 =

• 323148103295801

### Minimum number of levels = 1

Save file of selected sites to local disk for future upload

### USGS 323148103295801 20S.35E.31.12311

Lea County, New Mexico

Table of data

Tab-separated data

Latitude 32°32'06", Longitude 103°30'03" NAD27

Land-surface elevation 3,729.00 feet above NGVD29

The depth of the well is 85 feet below land surface.

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

This well is completed in the Ogallala Formation (1210GLL) local aquifer.

### **Output formats**

<u>Graph of da</u>	<u>ata</u>									
<u>Reselect pe</u>	riod									
Date	Time	? Water- level date- time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measur
1954-06-2	:5	D	62610		3660.85	NGVD29	Р	Z		
1954-06-2	:5	D	62611		3662.41	NAVD88	Р	Z		
1954-06-2	:5	D	72019	68.15			Р	Z		
1961-03-0	8	D	62610		3662.62	NGVD29	Р	Z		
1961-03-0	8	D	62611		3664.18	NAVD88	Р	Z		
1961-03-0	8	D	72019	66.38			Р	Z		
1966-03-0	2	D	62610		3659.84	NGVD29	Р	Z		
1966-03-0	2	D	62611		3661.40	NAVD88	Р	Z		
1966-03-0	2	D	72019	69.16			Р	Z		
1968-04-1	7	D	62610		3661.43	NGVD29	Р	Z		
1968-04-1	7	D	62611		3662.99	NAVD88	Р	Z		
1968-04-1	.7	D	72019	67.57			Р	Z		
1971-01-2	6	D	62610		3663.55	NGVD29	1	Z		
1971-01-2	6	D	62611		3665.11	NAVD88	1	Z		
1971-01-2	:6	D	72019	65.45			1	Z		

Date	Time	? Water- level date- time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source ( measure
1976-02-18		D	62610		3664.67	NGVD29	1	Z		
1976-02-18		D	62611		3666.23	NAVD88	1	Z		
1976-02-18		D	72019	64.33			1	Z		
1981-02-18		D	62610		3664.97	NGVD29	1	Z		
1981-02-18		D	62611		3666.53	NAVD88	1	Z		
1981-02-18		D	72019	64.03			1	Z		
1986-04-09		D	62610		3664.07	NGVD29	1	Z		
1986-04-09		D	62611		3665.63	NAVD88	1	Z		
1986-04-09		D	72019	64.93			1	Z		
1991-07-03		D	62610		3662.96	NGVD29	1	Z		
1991-07-03		D	62611		3664.52	NAVD88	1	Z		
1991-07-03		D	72019	66.04			1	Z		
1996-02-02		D	62610		3663.71	NGVD29	1	S		
1996-02-02		D	62611		3665.27	NAVD88	1	S		
1996-02-02		D	72019	65.29			1	S		

Exp	ana	tion
-----	-----	------

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

Questions or Comments Help Data Tips Explanation of terms Subscribe for system changes

Accessibility FOIA Policies and Notices Privacy

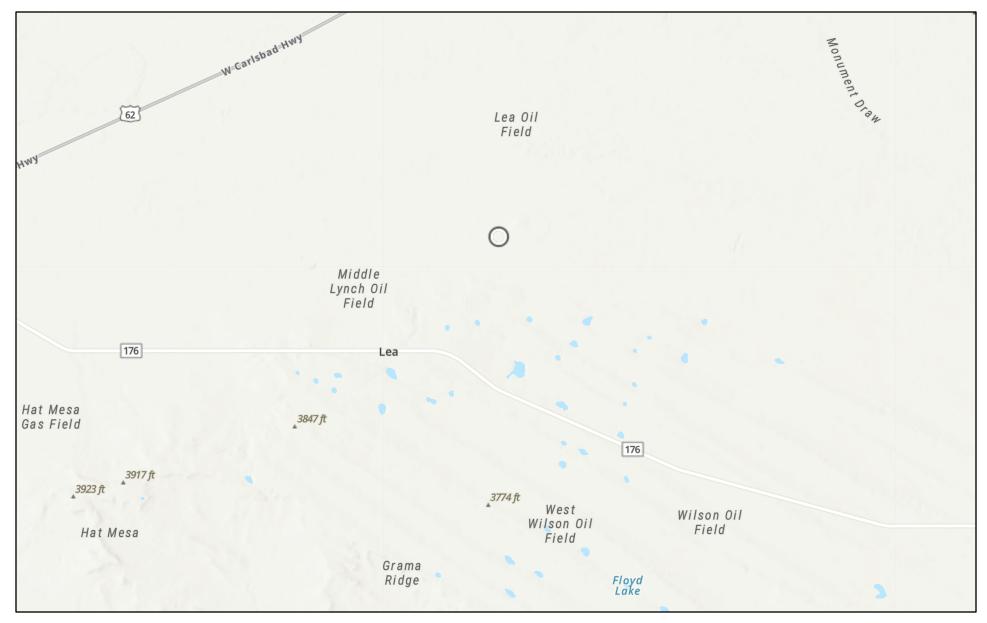
U.S. Department of the Interior | U.S. Geological Survey
Title: Groundwater for New Mexico: Water Levels
URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?

Page Contact Information: New Mexico Water Data Maintainer Page Last Modified: 2025-02-05 01:01:17 EST

0.32 0.23 nadww01

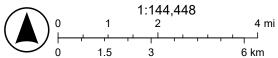
USA.gov

## Igloo Fed Production Facility (03.20.2025)



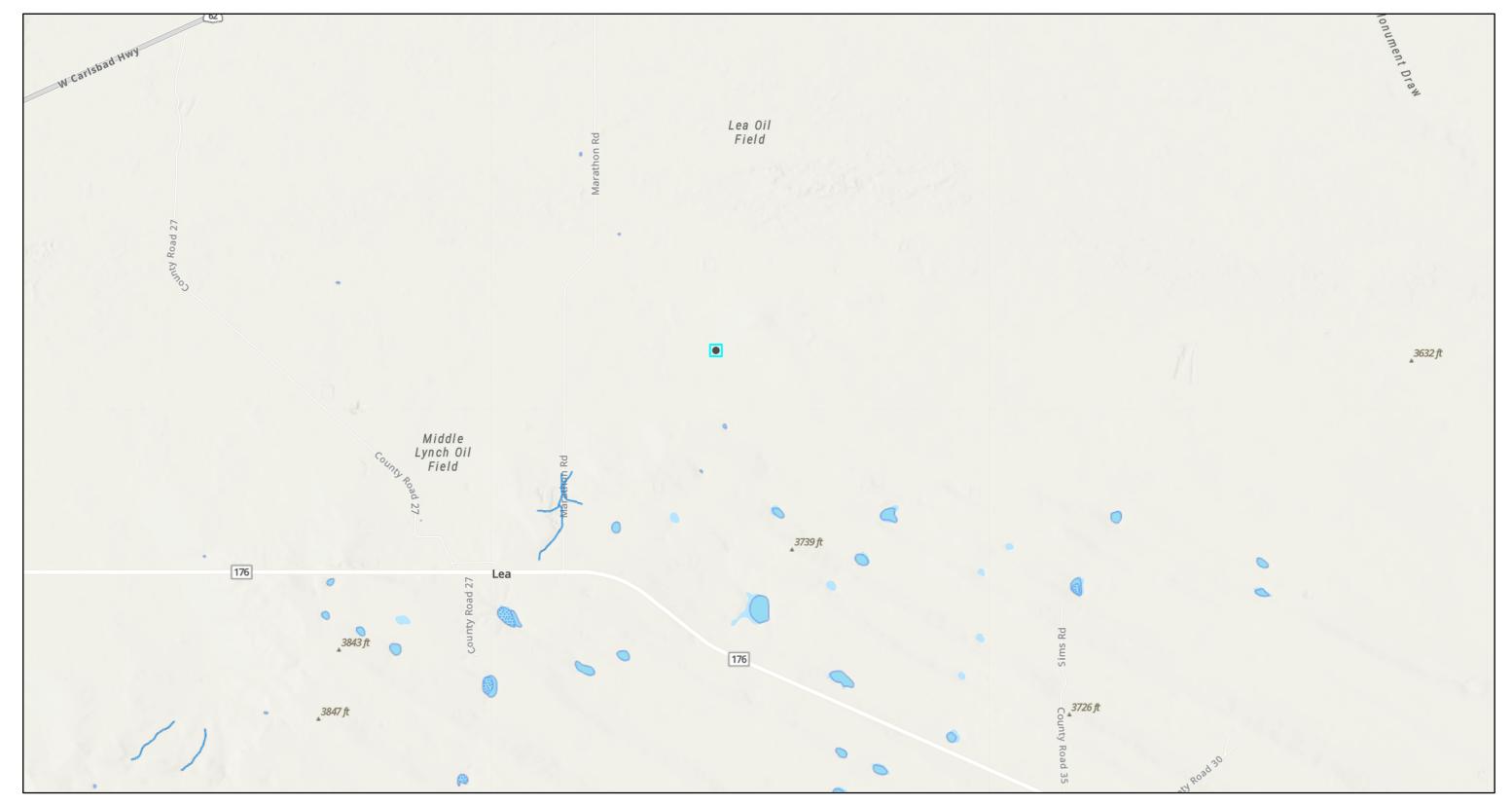
4/22/2025

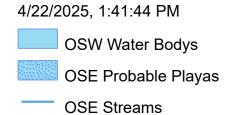
World\_Hillshade

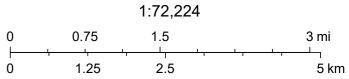


Esri, NASA, NGA, USGS, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community

# Igloo Fed Production Facility (03.20.2025)







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



May 13, 2025

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: IGLOO FED PRODUCTION FACILITY

Enclosed are the results of analyses for samples received by the laboratory on 05/07/25 8:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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

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

Celey D. Keene

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

05/13/2025 IGLOO FED PRODUCTION FACILITY

Project Name: IGLO Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: CS - 1 (1') (H252719-01)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	1.66	82.9	2.00	12.1	
Toluene*	<0.050	0.050	05/07/2025	ND	1.76	87.8	2.00	10.5	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	1.76	87.9	2.00	10.3	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	5.62	93.7	6.00	9.83	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2025	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	202	101	200	2.29	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	192	96.1	200	1.36	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	90.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	88.5	% 40.6-15	3						

A ..... I ..... . J D. ... 711

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Celey D. Keene



Shalyn Rodriguez

### Analytical Results For:

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

Fax To:

Received: 05/07/2025 Reported:

Sampling Date: 05/02/2025 05/13/2025 Sampling Type: Soil IGLOO FED PRODUCTION FACILITY Sampling Condition: Cool & Intact

Sample Received By:

Project Number: 2708

Project Name:

RTFY 8021R

Project Location: LEA COUNTY, NEW MEXICO

Sample ID: CS - 2 (1') (H252719-02)

BIEX 8021B	тд/кд		Anaiyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	1.66	82.9	2.00	12.1	
Toluene*	<0.050	0.050	05/07/2025	ND	1.76	87.8	2.00	10.5	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	1.76	87.9	2.00	10.3	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	5.62	93.7	6.00	9.83	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/07/2025	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	202	101	200	2.29	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	192	96.1	200	1.36	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	95.8	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	92.5	% 40.6-15	3						

Applyzod By: 14

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

mg/kg

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: CS - 3 (1') (H252719-03)

Project Name:

BTEX 8021B

DILX GOZID	11197 119		Allulyzo	Analyzed by: 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	1.66	82.9	2.00	12.1	
Toluene*	<0.050	0.050	05/07/2025	ND	1.76	87.8	2.00	10.5	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	1.76	87.9	2.00	10.3	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	5.62	93.7	6.00	9.83	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/07/2025	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	191	95.7	200	5.99	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	197	98.3	200	8.91	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	88.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	83.2	% 40.6-15	3						

Analyzed By: JH

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05/02/2025

Shalyn Rodriguez

### Analytical Results For:

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

Fax To:

Received: 05/07/2025 Reported:

05/13/2025 Sampling Type: Soil Sampling Condition: Cool & Intact

Sampling Date:

Sample Received By:

Project Name: IGLOO FED PRODUCTION FACILITY Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

Sample ID: CS - 4 (1') (H252719-04)

BTEX 8021B	mg,	/kg	Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	1.66	82.9	2.00	12.1	
Toluene*	<0.050	0.050	05/07/2025	ND	1.76	87.8	2.00	10.5	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	1.76	87.9	2.00	10.3	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	5.62	93.7	6.00	9.83	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2025	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	191	95.7	200	5.99	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	197	98.3	200	8.91	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	91.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	86.7	% 40.6-15	3						

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

mg/kg

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: CS - 5 (1') (H252719-05)

Project Name:

BTEX 8021B

DILX GOZID	ilig/ kg		Andryzo	Alluly2Cu Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	1.66	82.9	2.00	12.1	
Toluene*	<0.050	0.050	05/07/2025	ND	1.76	87.8	2.00	10.5	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	1.76	87.9	2.00	10.3	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	5.62	93.7	6.00	9.83	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/07/2025	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	191	95.7	200	5.99	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	197	98.3	200	8.91	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	90.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	85.3	% 40.6-15	3						

Analyzed By: JH

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

### Sample ID: CS - 6 (1') (H252719-06)

Project Name:

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	1.66	82.9	2.00	12.1	
Toluene*	<0.050	0.050	05/07/2025	ND	1.76	87.8	2.00	10.5	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	1.76	87.9	2.00	10.3	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	5.62	93.7	6.00	9.83	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/07/2025	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	191	95.7	200	5.99	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	197	98.3	200	8.91	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	87.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	82.9	% 40.6-15	3						

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Name: Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

### Sample ID: CS - 7 (1') (H252719-07)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	1.66	82.9	2.00	12.1	
Toluene*	<0.050	0.050	05/07/2025	ND	1.76	87.8	2.00	10.5	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	1.76	87.9	2.00	10.3	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	5.62	93.7	6.00	9.83	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/07/2025	ND	416	104	400	7.41	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	191	95.7	200	5.99	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	197	98.3	200	8.91	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	89.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	85.1	% 40.6-15	3						

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### Analytical Results For:

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

Fax To:

Received: 05/07/2025 Reported:

05/13/2025 IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

### Sample ID: CS - 8 (1') (H252719-08)

Project Name:

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	1.66	82.9	2.00	12.1	
Toluene*	<0.050	0.050	05/07/2025	ND	1.76	87.8	2.00	10.5	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	1.76	87.9	2.00	10.3	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	5.62	93.7	6.00	9.83	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2025	ND	416	104	400	7.41	
TPH 8015M	mg/	'kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	191	95.7	200	5.99	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	197	98.3	200	8.91	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	91.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	86.0	% 40.6-15	3						

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

mg/kg

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: CS - 9 (1') (H252719-09)

Project Name:

BTEX 8021B

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	1.66	82.9	2.00	12.1	
Toluene*	<0.050	0.050	05/07/2025	ND	1.76	87.8	2.00	10.5	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	1.76	87.9	2.00	10.3	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	5.62	93.7	6.00	9.83	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/07/2025	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	191	95.7	200	5.99	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	197	98.3	200	8.91	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	91.5	% 44.4-14	7.5						
Surrogate: 1-Chlorooctadecane	85.8	% 40.6-15	3						

Analyzed By: JH

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: CS - 10 (1') (H252719-10)

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	1.66	82.9	2.00	12.1	
Toluene*	<0.050	0.050	05/07/2025	ND	1.76	87.8	2.00	10.5	
Ethylbenzene*	< 0.050	0.050	05/07/2025	ND	1.76	87.9	2.00	10.3	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	5.62	93.7	6.00	9.83	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2025	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	191	95.7	200	5.99	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	197	98.3	200	8.91	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	88.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	80.9	% 40.6-15	3						

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### Analytical Results For:

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

Fax To:

Received: 05/07/2025 Reported:

05/13/2025 Sampling Type: IGLOO FED PRODUCTION FACILITY Sampling Condition:

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025 Soil

Sample Received By:

Cool & Intact

Shalyn Rodriguez

### Sample ID: CS - 11 (1') (H252719-11)

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	1.66	82.9	2.00	12.1	
Toluene*	<0.050	0.050	05/07/2025	ND	1.76	87.8	2.00	10.5	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	1.76	87.9	2.00	10.3	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	5.62	93.7	6.00	9.83	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/07/2025	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	191	95.7	200	5.99	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	197	98.3	200	8.91	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	91.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	86.3	% 40.6-15	3						

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### Analytical Results For:

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

Fax To:

Received: 05/07/2025 Reported:

05/13/2025 IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

RTFY 8021R

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

### Sample ID: CS - 12 (1') (H252719-12)

BIEX 8021B	тд/кд		Anaiyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	1.66	82.9	2.00	12.1	
Toluene*	<0.050	0.050	05/07/2025	ND	1.76	87.8	2.00	10.5	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	1.76	87.9	2.00	10.3	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	5.62	93.7	6.00	9.83	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/07/2025	ND	416	104	400	7.41	
TPH 8015M	mg/	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	191	95.7	200	5.99	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	197	98.3	200	8.91	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	89.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	84.4	% 40.6-15	3						

Applyzod By: 14

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

05/13/2025
IGLOO FED PRODUCTION FACILITY

Project Name: IGLO Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: CS - 13 (1') (H252719-13)

RTFY 8021R

1EX 8021B	mg,	тд/кд		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
enzene*	<0.050	0.050	05/07/2025	ND	1.66	82.9	2.00	12.1	
oluene*	<0.050	0.050	05/07/2025	ND	1.76	87.8	2.00	10.5	
thylbenzene*	<0.050	0.050	05/07/2025	ND	1.76	87.9	2.00	10.3	
otal Xylenes*	<0.150	0.150	05/07/2025	ND	5.62	93.7	6.00	9.83	
otal BTEX	<0.300	0.300	05/07/2025	ND					
urrogate: 4-Bromofluorobenzene (PI	D 112	% 71.5-13	4						
hloride, SM4500Cl-B	mg	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
hloride	144	16.0	05/07/2025	ND	416	104	400	0.00	
PH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
RO C6-C10*	<10.0	10.0	05/07/2025	ND	191	95.7	200	5.99	
RO >C10-C28*	<10.0	10.0	05/07/2025	ND	197	98.3	200	8.91	
XT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
urrogate: 1-Chlorooctane	88.8	% 44.4-14	5						
urrogate: 1-Chlorooctadecane	85.7	% 40.6-15	3						
urrogate: 1-Chlorooctadecane	85.7	% 40.6-15	3						

Applyzod By: 14

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Name: IGLO
Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: CS - 14 (1') (H252719-14)

BTEX 8021B

DIEX GOZID	mg/ kg		Alldiyzo	Andryzed by: 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	1.66	82.9	2.00	12.1	
Toluene*	<0.050	0.050	05/07/2025	ND	1.76	87.8	2.00	10.5	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	1.76	87.9	2.00	10.3	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	5.62	93.7	6.00	9.83	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	05/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	191	95.7	200	5.99	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	197	98.3	200	8.91	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	97.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	92.8	% 40.6-15	3						

Analyzed By: JH

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

05/13/2025
IGLOO FED PRODUCTION FACILITY

Project Name: IGLO Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: CS - 15 (1') (H252719-15)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	1.66	82.9	2.00	12.1	
Toluene*	<0.050	0.050	05/07/2025	ND	1.76	87.8	2.00	10.5	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	1.76	87.9	2.00	10.3	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	5.62	93.7	6.00	9.83	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	05/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	191	95.7	200	5.99	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	197	98.3	200	8.91	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	92.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	87.8	% 40.6-15	3						

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

05/13/2025
IGLOO FED PRODUCTION FACILITY

Project Name: IGLO Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: CS - 16 (1') (H252719-16)

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	05/07/2025	ND	1.66	82.9	2.00	12.1	
Toluene*	<0.050	0.050	05/07/2025	ND	1.76	87.8	2.00	10.5	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	1.76	87.9	2.00	10.3	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	5.62	93.7	6.00	9.83	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	191	95.7	200	5.99	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	197	98.3	200	8.91	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	88.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	84.2	% 40.6-15	3						

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

\*=Accredited Analyte



### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025 Sampling Date: 05/02/2025 Sampling Type: Soil

Project Name:

Project Location:

IGLOO FED PRODUCTION FACILITY

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Project Number:

2708

LEA COUNTY, NEW MEXICO

Sample ID: CS - 17 (1') (H252719-17)

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	1.66	82.9	2.00	12.1	
Toluene*	<0.050	0.050	05/07/2025	ND	1.76	87.8	2.00	10.5	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	1.76	87.9	2.00	10.3	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	5.62	93.7	6.00	9.83	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	191	95.7	200	5.99	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	197	98.3	200	8.91	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	92.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	86.7	% 40.6-15	3						

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### Analytical Results For:

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

Fax To:

Received: 05/07/2025 Reported:

05/13/2025 Sampling Type: Sampling Condition:

Applyzod By: 14

Project Name: IGLOO FED PRODUCTION FACILITY Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025 Soil

Sample Received By:

Cool & Intact Shalyn Rodriguez

### Sample ID: CS - 18 (1') (H252719-18)

RTFY 8021R

B1EX 8021B	тд/кд		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	1.66	82.9	2.00	12.1	
Toluene*	<0.050	0.050	05/07/2025	ND	1.76	87.8	2.00	10.5	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	1.76	87.9	2.00	10.3	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	5.62	93.7	6.00	9.83	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	191	95.7	200	5.99	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	197	98.3	200	8.91	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	96.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	91.8	% 40.6-15	3						

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05/02/2025

### Analytical Results For:

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

Fax To:

Received: 05/07/2025 Reported:

05/13/2025 Sampling Type: Soil

Sampling Date:

Project Name: IGLOO FED PRODUCTION FACILITY

Sampling Condition: Cool & Intact Project Number: Sample Received By: 2708 Shalyn Rodriguez Project Location: LEA COUNTY, NEW MEXICO

Sample ID: CS - 19 (1') (H252719-19)

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	1.66	82.9	2.00	12.1	
Toluene*	<0.050	0.050	05/07/2025	ND	1.76	87.8	2.00	10.5	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	1.76	87.9	2.00	10.3	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	5.62	93.7	6.00	9.83	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	191	95.7	200	5.99	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	197	98.3	200	8.91	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	88.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	86.5	% 40.6-15	3						

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

RTFY 8021R

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: CS - 20 (1') (H252719-20)

BIEX 8021B	mg/kg		Anaiyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.26	113	2.00	9.29	
Toluene*	<0.050	0.050	05/07/2025	ND	2.16	108	2.00	7.91	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.11	106	2.00	11.5	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.39	107	6.00	10.3	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	191	95.7	200	5.99	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	197	98.3	200	8.91	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	89.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	84.1	% 40.6-15	3						

Applyzod By: 14

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### Analytical Results For:

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

Fax To:

Received: 05/07/2025 Reported: 05/13/2025 Sampling Date: 05/02/2025 Sampling Type: Soil

Project Name:

IGLOO FED PRODUCTION FACILITY

Sampling Condition: Cool & Intact

Project Number:

Sample Received By:

Shalyn Rodriguez

2708 Project Location:

LEA COUNTY, NEW MEXICO

### Sample ID: CS - 21 (1') (H252719-21)

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.26	113	2.00	9.29	
Toluene*	<0.050	0.050	05/07/2025	ND	2.16	108	2.00	7.91	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.11	106	2.00	11.5	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.39	107	6.00	10.3	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	191	95.7	200	5.99	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	197	98.3	200	8.91	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	90.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	85.5	% 40.6-15	3						

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

05/13/2025
IGLOO FED PRODUCTION FACILITY

Project Name: IGLO Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: CS - 22 (1') (H252719-22)

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.26	113	2.00	9.29	
Toluene*	<0.050	0.050	05/07/2025	ND	2.16	108	2.00	7.91	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.11	106	2.00	11.5	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.39	107	6.00	10.3	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	191	95.7	200	5.99	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	197	98.3	200	8.91	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	92.3	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	87.7	% 40.6-15	3						

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#### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Name: IGLO Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: CS - 23 (1') (H252719-23)

RTFY 8021R

B1EX 8021B	mg/	кg	Апануге	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.26	113	2.00	9.29	
Toluene*	<0.050	0.050	05/07/2025	ND	2.16	108	2.00	7.91	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.11	106	2.00	11.5	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.39	107	6.00	10.3	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	183	91.4	200	2.01	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	200	100	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	77.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	68.3	% 40.6-15	3						

Applyzod By: 14

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Celey D. Keene



#### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

RTFY 8021R

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

# Sample ID: CS - 24 (1') (H252719-24)

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.26	113	2.00	9.29	
Toluene*	<0.050	0.050	05/07/2025	ND	2.16	108	2.00	7.91	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.11	106	2.00	11.5	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.39	107	6.00	10.3	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	183	91.4	200	2.01	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	200	100	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	90.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	81.8	% 40.6-15	3						

Applyzod By: 14

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# Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

05/13/2025
IGLOO FED PRODUCTION FACILITY

Project Name: IGLO
Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

# Sample ID: CS - 25 (1') (H252719-25)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.26	113	2.00	9.29	
Toluene*	<0.050	0.050	05/07/2025	ND	2.16	108	2.00	7.91	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.11	106	2.00	11.5	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.39	107	6.00	10.3	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	183	91.4	200	2.01	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	200	100	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	84.5	% 44.4-14	75						
Surrogate: 1-Chlorooctadecane	76.3	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 05/07/2025 Reported:

05/13/2025 Sampling Type: IGLOO FED PRODUCTION FACILITY Sampling Condition:

Project Name: Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025 Soil

Sample Received By:

Cool & Intact Shalyn Rodriguez

Sample ID: CS - 26 (1') (H252719-26)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.26	113	2.00	9.29	
Toluene*	<0.050	0.050	05/07/2025	ND	2.16	108	2.00	7.91	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.11	106	2.00	11.5	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.39	107	6.00	10.3	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	183	91.4	200	2.01	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	200	100	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	88.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	80.4	% 40.6-15	3						

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#### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

05/13/2025
IGLOO FED PRODUCTION FACILITY

Project Name: IGLO
Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

# Sample ID: CS - 27 (1') (H252719-27)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.26	113	2.00	9.29	
Toluene*	<0.050	0.050	05/07/2025	ND	2.16	108	2.00	7.91	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.11	106	2.00	11.5	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.39	107	6.00	10.3	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	183	91.4	200	2.01	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	200	100	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	80.2	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	73.6	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 05/07/2025 Reported:

05/13/2025 IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

### Sample ID: CS - 28 (1') (H252719-28)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.26	113	2.00	9.29	
Toluene*	<0.050	0.050	05/07/2025	ND	2.16	108	2.00	7.91	
Ethylbenzene*	< 0.050	0.050	05/07/2025	ND	2.11	106	2.00	11.5	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.39	107	6.00	10.3	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	183	91.4	200	2.01	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	200	100	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	71.9	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	65.1	% 40.6-15	3						

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#### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: CS - 29 (1') (H252719-29)

BTEX 8021B	mg/	'kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.26	113	2.00	9.29	
Toluene*	<0.050	0.050	05/07/2025	ND	2.16	108	2.00	7.91	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.11	106	2.00	11.5	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.39	107	6.00	10.3	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	183	91.4	200	2.01	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	200	100	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	79.0	% 44.4-14.	5						
Surrogate: 1-Chlorooctadecane	71.8	% 40.6-15.	3						

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#### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

05/13/2025
IGLOO FED PRODUCTION FACILITY

Project Name: IGLO Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: CS - 30 (1') (H252719-30)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.26	113	2.00	9.29	
Toluene*	<0.050	0.050	05/07/2025	ND	2.16	108	2.00	7.91	
Ethylbenzene*	< 0.050	0.050	05/07/2025	ND	2.11	106	2.00	11.5	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.39	107	6.00	10.3	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	183	91.4	200	2.01	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	200	100	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	85.8	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	77.9	% 40.6-15	3						

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#### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

 05/07/2025
 Sampling Date:
 05/02/2025

 05/13/2025
 Sampling Type:
 Soil

Project Name: IGLOO FED PRODUCTION FACILITY
Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

#### Sample ID: CS - 31 (1') (H252719-31)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.26	113	2.00	9.29	
Toluene*	<0.050	0.050	05/07/2025	ND	2.16	108	2.00	7.91	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.11	106	2.00	11.5	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.39	107	6.00	10.3	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	183	91.4	200	2.01	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	200	100	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	76.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	69.3	% 40.6-15	3						

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# Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

05/13/2025
IGLOO FED PRODUCTION FACILITY

Project Name: IGLO Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

#### Sample ID: CS - 32 (1') (H252719-32)

RTFY 8021R

Result								
Nesult	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	05/07/2025	ND	2.26	113	2.00	9.29	
<0.050	0.050	05/07/2025	ND	2.16	108	2.00	7.91	
<0.050	0.050	05/07/2025	ND	2.11	106	2.00	11.5	
<0.150	0.150	05/07/2025	ND	6.39	107	6.00	10.3	
<0.300	0.300	05/07/2025	ND					
107 9	% 71.5-13	4						
mg/kg		Analyzed By: CT						
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
32.0	16.0	05/07/2025	ND	416	104	400	0.00	
mg/	'kg	Analyze	d By: ms					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	05/07/2025	ND	183	91.4	200	2.01	
<10.0	10.0	05/07/2025	ND	200	100	200	2.87	
<10.0	10.0	05/07/2025	ND					
86.4	% 44.4-14	5						
77.8	% 40.6-15	3						
	<0.050 <0.050 <0.050 <0.150 <0.300  107 9 mg/ Result 32.0 mg/ Company Result <10.0 <10.0 <86.4	<0.050 <0.050 <0.050 <0.050 <0.050 <0.150 <0.300 0.300 T1.5-13 mg/kg Result Reporting Limit 32.0 16.0 mg/kg Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

Applyzod By: 14

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Celey D. Keine



#### Analytical Results For:

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

Fax To:

Received: 05/07/2025 05/13/2025 Sampling Date: 05/02/2025 Sampling Type: Soil

Reported: Project Name:

Project Location:

IGLOO FED PRODUCTION FACILITY

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Project Number: 2708

LEA COUNTY, NEW MEXICO

Sample ID: CS - 33 (1') (H252719-33)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.26	113	2.00	9.29	
Toluene*	<0.050	0.050	05/07/2025	ND	2.16	108	2.00	7.91	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.11	106	2.00	11.5	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.39	107	6.00	10.3	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	183	91.4	200	2.01	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	200	100	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	86.1	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	77.7	% 40.6-15	3						

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#### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

05/13/2025 Sampling Type:
IGLOO FED PRODUCTION FACILITY Sampling Condition:

Project Name: IGLOO F Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025 Sampling Type: Soil

Sample Received By:

Cool & Intact Shalyn Rodriguez

#### Sample ID: CS - 34 (1') (H252719-34)

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.26	113	2.00	9.29	
Toluene*	<0.050	0.050	05/07/2025	ND	2.16	108	2.00	7.91	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.11	106	2.00	11.5	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.39	107	6.00	10.3	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	183	91.4	200	2.01	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	200	100	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	87.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	79.6	% 40.6-15	3						

Surrogate: 1-Chlorooctadecane 79.6 % 40.6-153

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Celeg D. Freene



#### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

05/13/2025
IGLOO FED PRODUCTION FACILITY

Project Name: IGLO Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

# Sample ID: CS - 35 (1') (H252719-35)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.26	113	2.00	9.29	
Toluene*	<0.050	0.050	05/07/2025	ND	2.16	108	2.00	7.91	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.11	106	2.00	11.5	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.39	107	6.00	10.3	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	183	91.4	200	2.01	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	200	100	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	89.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	81.6	% 40.6-15	3						

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05/02/2025

#### Analytical Results For:

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

Fax To:

Received: 05/07/2025 Reported:

05/13/2025 Sampling Type: Soil

Sampling Date:

Project Name: IGLOO FED PRODUCTION FACILITY

Sampling Condition: Cool & Intact Project Number: 2708 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: LEA COUNTY, NEW MEXICO

#### Sample ID: CS - 36 (1') (H252719-36)

BTEX 8021B

	9/	9	7	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.26	113	2.00	9.29	
Toluene*	<0.050	0.050	05/07/2025	ND	2.16	108	2.00	7.91	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.11	106	2.00	11.5	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.39	107	6.00	10.3	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	183	91.4	200	2.01	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	200	100	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	88.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	80.5	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

IGLOO FED PRODUCTION FACILITY

Received: 05/07/2025 Reported:

05/13/2025 Sampling Type:

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025 Soil

Sampling Condition:

Sample Received By:

Cool & Intact Shalyn Rodriguez

#### Sample ID: CS - 37 (1') (H252719-37)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.26	113	2.00	9.29	
Toluene*	<0.050	0.050	05/07/2025	ND	2.16	108	2.00	7.91	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.11	106	2.00	11.5	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.39	107	6.00	10.3	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	183	91.4	200	2.01	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	200	100	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	84.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	77.1	% 40.6-15	3						

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#### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

05/13/2025
IGLOO FED PRODUCTION FACILITY

Project Name: IGLO Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: CS - 38 (1') (H252719-38)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.26	113	2.00	9.29	
Toluene*	<0.050	0.050	05/07/2025	ND	2.16	108	2.00	7.91	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.11	106	2.00	11.5	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.39	107	6.00	10.3	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	183	91.4	200	2.01	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	200	100	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	89.6	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	82.3	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 05/07/2025 Reported:

05/13/2025 Sampling Type: Soil IGLOO FED PRODUCTION FACILITY

Sampling Date:

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

05/02/2025

### Sample ID: CS - 39 (1') (H252719-39)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.26	113	2.00	9.29	
Toluene*	<0.050	0.050	05/07/2025	ND	2.16	108	2.00	7.91	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.11	106	2.00	11.5	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.39	107	6.00	10.3	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (P	ID 106	% 71.5-13	34						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	183	91.4	200	2.01	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	200	100	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	88.9	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	80.1	% 40.6-15	53						

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#### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: CS - 40 (1') (H252719-40)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.21	111	2.00	2.86	
Toluene*	<0.050	0.050	05/07/2025	ND	2.34	117	2.00	6.03	
Ethylbenzene*	< 0.050	0.050	05/07/2025	ND	2.49	125	2.00	6.66	QM-07
Total Xylenes*	<0.150	0.150	05/07/2025	ND	7.51	125	6.00	6.75	QM-07
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	183	91.4	200	2.01	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	200	100	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	81.4	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	73.5	% 40.6-15	3						

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#### Analytical Results For:

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

Received: 05/07/2025 Reported:

05/13/2025 IGLOO FED PRODUCTION FACILITY

Project Name: Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

### Sample ID: CS - 41 (1') (H252719-41)

BTEX 8021B	mg/	kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.21	111	2.00	2.86	
Toluene*	<0.050	0.050	05/07/2025	ND	2.34	117	2.00	6.03	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.49	125	2.00	6.66	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	7.51	125	6.00	6.75	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	183	91.4	200	2.01	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	200	100	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	87.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	78.9	% 40.6-15	3						

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#### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

### Sample ID: CS - 42 (1') (H252719-42)

BTEX 8021B	mg/	kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.21	111	2.00	2.86	
Toluene*	<0.050	0.050	05/07/2025	ND	2.34	117	2.00	6.03	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.49	125	2.00	6.66	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	7.51	125	6.00	6.75	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	183	91.4	200	2.01	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	200	100	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	86.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	77.2	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 05/07/2025 Reported:

05/13/2025 Sampling Type: Soil

Applyzod By: 14

Sampling Date:

Project Name: IGLOO FED PRODUCTION FACILITY Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

05/02/2025

#### Sample ID: CS - 43 (1') (H252719-43)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.21	111	2.00	2.86	
Toluene*	<0.050	0.050	05/07/2025	ND	2.34	117	2.00	6.03	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.49	125	2.00	6.66	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	7.51	125	6.00	6.75	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	209	104	200	1.60	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	203	101	200	0.249	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	99.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	99.6	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 05/07/2025 Reported:

05/13/2025 Sampling Type: Soil IGLOO FED PRODUCTION FACILITY

Sampling Date:

Project Name: Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO Sampling Condition: Cool & Intact Shalyn Rodriguez Sample Received By:

05/02/2025

#### Sample ID: CS - 44 (1') (H252719-44)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.21	111	2.00	2.86	
Toluene*	<0.050	0.050	05/07/2025	ND	2.34	117	2.00	6.03	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.49	125	2.00	6.66	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	7.51	125	6.00	6.75	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	209	104	200	1.60	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	203	101	200	0.249	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	102	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	102	% 40.6-15	3						

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# Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

05/13/2025
IGLOO FED PRODUCTION FACILITY

Project Name: IGLO Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: CS - 45 (1') (H252719-45)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.21	111	2.00	2.86	
Toluene*	<0.050	0.050	05/07/2025	ND	2.34	117	2.00	6.03	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.49	125	2.00	6.66	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	7.51	125	6.00	6.75	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	209	104	200	1.60	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	203	101	200	0.249	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	98.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	98.8	% 40.6-15	3						

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05/02/2025

Shalyn Rodriguez

#### Analytical Results For:

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

Fax To:

Received: 05/07/2025 Reported:

05/13/2025 Sampling Type: Soil IGLOO FED PRODUCTION FACILITY Sampling Condition: Cool & Intact

Sampling Date:

Project Name: Project Number: 2708

Sample Received By: Project Location: LEA COUNTY, NEW MEXICO

Sample ID: CS - 46 (1') (H252719-46)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.21	111	2.00	2.86	
Toluene*	<0.050	0.050	05/07/2025	ND	2.34	117	2.00	6.03	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.49	125	2.00	6.66	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	7.51	125	6.00	6.75	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	209	104	200	1.60	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	203	101	200	0.249	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	96.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	99.1	% 40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 05/07/2025 Reported: 05/13/2025 Sampling Date: 05/02/2025 Sampling Type: Soil

Project Name:

IGLOO FED PRODUCTION FACILITY

Sampling Condition: Cool & Intact

Project Number:

2708

Sample Received By: Shalyn Rodriguez

Project Location: LEA COUNTY, NEW MEXICO

Sample ID: CS - 47 (1') (H252719-47)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.21	111	2.00	2.86	
Toluene*	<0.050	0.050	05/07/2025	ND	2.34	117	2.00	6.03	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.49	125	2.00	6.66	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	7.51	125	6.00	6.75	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	120 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	209	104	200	1.60	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	203	101	200	0.249	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	96.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	93.8	% 40.6-15	2						

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05/02/2025

#### Analytical Results For:

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

Fax To:

Received: 05/07/2025 Reported:

05/13/2025 Sampling Type: Soil

Sampling Date:

Project Name:

IGLOO FED PRODUCTION FACILITY Sampling Condition: Cool & Intact Project Number: 2708 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: LEA COUNTY, NEW MEXICO

#### Sample ID: CS - 48 (1') (H252719-48)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.21	111	2.00	2.86	
Toluene*	<0.050	0.050	05/07/2025	ND	2.34	117	2.00	6.03	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.49	125	2.00	6.66	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	7.51	125	6.00	6.75	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	209	104	200	1.60	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	203	101	200	0.249	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	101	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	101	% 40.6-15	3						

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#### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

05/13/2025
IGLOO FED PRODUCTION FACILITY

Project Name: IGLO Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

# Sample ID: CS - 49 (1') (H252719-49)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.21	111	2.00	2.86	
Toluene*	<0.050	0.050	05/07/2025	ND	2.34	117	2.00	6.03	
Ethylbenzene*	< 0.050	0.050	05/07/2025	ND	2.49	125	2.00	6.66	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	7.51	125	6.00	6.75	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	209	104	200	1.60	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	203	101	200	0.249	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	101	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	101	% 40.6-15	3						

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#### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Name: Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

#### Sample ID: CS - 50 (1') (H252719-50)

BTEX 8021B	mg/	'kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.21	111	2.00	2.86	
Toluene*	<0.050	0.050	05/07/2025	ND	2.34	117	2.00	6.03	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.49	125	2.00	6.66	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	7.51	125	6.00	6.75	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	209	104	200	1.60	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	203	101	200	0.249	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	103 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	104 9	% 40.6-15	3						

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#### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

05/13/2025
IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

# Sample ID: CS - 51 (1') (H252719-51)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.21	111	2.00	2.86	
Toluene*	<0.050	0.050	05/07/2025	ND	2.34	117	2.00	6.03	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.49	125	2.00	6.66	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	7.51	125	6.00	6.75	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	209	104	200	1.60	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	203	101	200	0.249	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	107	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	108	% 40.6-15	3						

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#### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

RTFY 8021R

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

#### Sample ID: CS - 52 (1') (H252719-52)

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.21	111	2.00	2.86	
Toluene*	<0.050	0.050	05/07/2025	ND	2.34	117	2.00	6.03	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.49	125	2.00	6.66	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	7.51	125	6.00	6.75	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	209	104	200	1.60	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	203	101	200	0.249	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	103	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	104	% 40.6-15	3						

Applyzod By: 14

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#### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

05/13/2025
IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

# Sample ID: CS - 53 (1') (H252719-53)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.21	111	2.00	2.86	
Toluene*	<0.050	0.050	05/07/2025	ND	2.34	117	2.00	6.03	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.49	125	2.00	6.66	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	7.51	125	6.00	6.75	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	432	108	400	7.14	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	209	104	200	1.60	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	203	101	200	0.249	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	104	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	107	% 40.6-15	3						

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#### Analytical Results For:

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

Received: 05/07/2025 Reported:

05/13/2025 IGLOO FED PRODUCTION FACILITY

Project Name: Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

### Sample ID: CS - 54 (1') (H252719-54)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.21	111	2.00	2.86	
Toluene*	<0.050	0.050	05/07/2025	ND	2.34	117	2.00	6.03	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.49	125	2.00	6.66	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	7.51	125	6.00	6.75	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2025	ND	432	108	400	7.14	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	209	104	200	1.60	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	203	101	200	0.249	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	100 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	101 9	40.6-15	3						

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#### Analytical Results For:

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

Fax To:

Received: 05/07/2025 Reported:

05/13/2025 IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

### Sample ID: CS - 55 (1') (H252719-55)

BTEX 8021B	mg/	'kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.21	111	2.00	2.86	
Toluene*	<0.050	0.050	05/07/2025	ND	2.34	117	2.00	6.03	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.49	125	2.00	6.66	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	7.51	125	6.00	6.75	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	432	108	400	7.14	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	209	104	200	1.60	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	203	101	200	0.249	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	102 5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	102 9	% 40.6-15	3						

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#### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

05/13/2025
IGLOO FED PRODUCTION FACILITY

Project Name: IGLO Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: CS - 56 (1') (H252719-56)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.21	111	2.00	2.86	
Toluene*	<0.050	0.050	05/07/2025	ND	2.34	117	2.00	6.03	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.49	125	2.00	6.66	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	7.51	125	6.00	6.75	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	432	108	400	7.14	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	209	104	200	1.60	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	203	101	200	0.249	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	106	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	107	% 40.6-15	3						

Applyzod By: 14

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05/02/2025

#### Analytical Results For:

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

Fax To:

Received: 05/07/2025 Reported:

05/13/2025 Sampling Type: Soil IGLOO FED PRODUCTION FACILITY

Sampling Date:

Project Name:

Sampling Condition: Cool & Intact Project Number: 2708 Sample Received By: Shalyn Rodriguez Project Location: LEA COUNTY, NEW MEXICO

Applyzod By: 14

Sample ID: CS - 57 (1') (H252719-57)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.21	111	2.00	2.86	
Toluene*	<0.050	0.050	05/07/2025	ND	2.34	117	2.00	6.03	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.49	125	2.00	6.66	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	7.51	125	6.00	6.75	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	432	108	400	7.14	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2025	ND	209	104	200	1.60	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	203	101	200	0.249	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					
Surrogate: 1-Chlorooctane	115	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	118	% 40.6-15	3						

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#### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

05/13/2025 Sampling IGLOO FED PRODUCTION FACILITY Sampling

Project Name: IGLOO FED PRO Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

# Sample ID: CS - 58 (1') (H252719-58)

BTEX 8021B	mg,	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.21	111	2.00	2.86	
Toluene*	<0.050	0.050	05/07/2025	ND	2.34	117	2.00	6.03	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.49	125	2.00	6.66	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	7.51	125	6.00	6.75	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	432	108	400	7.14	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2025	ND	209	104	200	1.60	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	203	101	200	0.249	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					
Surrogate: 1-Chlorooctane	104	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	106	% 40.6-15	3						

# Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keine



### Analytical Results For:

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

Received: 05/07/2025

Sampling Date: 05/02/2025

Reported: Project Name: Sampling Type: Soil

Sample Received By:

Project Name.

IGLOO FED PRODUCTION FACILITY Sampling Condition:

Analyzed By: JH

Cool & Intact Shalyn Rodriguez

Project Number:

BTEX 8021B

2708

Project Location: LEA COUNTY, NEW MEXICO

05/13/2025

### Sample ID: CS - 59 (1') (H252719-59)

DILX GOZID	ıııg,	K9	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.21	111	2.00	2.86	
Toluene*	<0.050	0.050	05/07/2025	ND	2.34	117	2.00	6.03	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.49	125	2.00	6.66	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	7.51	125	6.00	6.75	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2025	ND	432	108	400	7.14	
TPH 8015M	mg/	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2025	ND	209	104	200	1.60	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	203	101	200	0.249	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					
Surrogate: 1-Chlorooctane	110 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	112 9	% 40.6-15	3						

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Celey D. Keine



### Analytical Results For:

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

05/07/2025 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Received:

Reported:

RTFY 8021R

Project Name:

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: CS - 60 (1') (H252719-60)

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.25	113	2.00	6.79	
Toluene*	<0.050	0.050	05/08/2025	ND	2.26	113	2.00	9.98	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.26	113	2.00	12.0	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.98	116	6.00	11.9	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/07/2025	ND	432	108	400	7.14	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2025	ND	209	104	200	1.60	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	203	101	200	0.249	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					
Surrogate: 1-Chlorooctane	110	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	112	% 40.6-15	3						

Applyzod By: 14

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Celey D. Keine



### **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.

BS1 Blank spike recovery above laboratory acceptance criteria. Results for analyte potentially biased high.

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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					+	_	Comp	×		5/2/2025	CS-9 (1')	
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				×	×	_	Comp	×		5/2/2025	CS-7 (1')	
				×	×	_	Comp	×		5/2/2025	CS-6 (1')	
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				×	×	_	Comp	×		5/2/2025	CS-4 (1')	Ú cs-
				×	×	_	Comp	×		5/2/2025	CS-3 (1')	
				×	×	_	Comp	×		5/2/2025	CS-2 (1')	CS-
				×	×	_	Comp	×		5/2/2025	CS-1 (1')	) CS-
	Sample Comments				TP	# of Cont	Water Comp	Soil	Time	Date	Sample Identification	Sample Id
	NaOH+Ascorbic Acid: SAPC				н 80		i	ature:	Corrected Temperature:			Total Containers:
	Zn Acetate+NaOH: Zn			С			7.17		Temperature Reading:	Yes No N/A	+	Sample Custody Seals:
	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>			hlor		F	#C.W		Correction Factor:	No	+	Cooler Custody Seals:
	NaHSO <sub>4</sub> : NABIS			ide		Para	140		Thermometer ID:	es		Received Intact:
	H <sub>3</sub> PO <sub>4</sub> : HP			4500	21B + DR	met	Yes No	Wet Ice:	Yes No	Temp Blank:		SAMPLE RECEIPT
	H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na				0+1	ers	)					PO #:
					MRO					JDC/IR		Sampler's Name:
	Cool: Cool MeOH: Me				)		Standard TAT	Due Date:		Lea County, New Mexico	Le	Project Location
	None: NO DI Water: H <sub>2</sub> O				H	Code	□ Rush	☑ Routine □		2708		Project Number:
	Preservative Codes	UEST	ANALYSIS REQUEST		+	Pras	ound	Turn Around	Facility	Igloo Fed Production Facility	Igloo	Project Name:
	ADaPT LJ Other:	Deliverables: EDD L		B	urces.co	onareso	Email: cmoehring@carmonaresources.com	Email: cn		823	(432) 813-6823	hone:
		Level					City, State ZIP:	Ω		79701	Midland, TX 79701	City, State ZIP:
		State of Project:		1			Address:	Ac		St Ste 500	310 W Wall St Ste 500	Address:
	Brownfields ☐RRC ☐uperfund ☐	ST PRP					Company Name:	0	c	esources	Carmona Resources	Company Name:
Г	Work Order Comments	Work		Carmona Resources	armona F		Bill to: (if different)	Bi		hring	Conner Moehring	roject Manager:
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				×	×	×	_	Comp	×		5/2/2025	CS-17 (1')	
				×	×	×	_	Comp	×		5/2/2025	CS-16 (1')	
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				×	×	×	_	Comp	×		5/2/2025	CS-13 (1')	13 cs-1
				×	×	×	_	Comp	×		5/2/2025	CS-12 (1')	
				×	×	×	_	Comp	×		5/2/2025	CS-11 (1')	CS-1
	Sample Comments				TP		# of Cont	Water Comp	_	Time	Date	Sample Identification	Sample Id
	NaOH+ASCORDIC ACId: SAPC				H 80		+-	74.4	rature:	Corrected Temperature:		-	otal Containers:
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	H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na				RO +		ters						00 #:
					MRC						JDC/IR		sampler's Name:
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od Kigney	Received by: (Signature)																						ANALYSIS REQUEST	Deliverables: EDD ADaPT	Reporting:Level II  Level III  PST/UST  TRRP	State of Project:	Program: UST/PST PRP Brownfields RRC	Work O		Work Order No	
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	Sample Comments		TPI	-	/ # of Cont	Water Comp	Soil	Time	Date	Sample Identification	Sample lo
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	Zn Acetate+NaOH: Zn		1,000	В	_	1.1.	ding:	Temperature Reading:	Yes Mo N/A	H	Sample Custody Seals:
	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> ; NaSO <sub>3</sub>		( GR	TEX	P	10:3:		Correction Factor:	N/A		Cooler Custody Seals:
	NaHSO₄; NABIS			802	arar	OF		Thermometer ID:	Yes No	_	Received Intact:
			DRO 500	1B	nete	Yes No	Wet Ice:	Yes No	Temp Blank:	EIPT	SAMPLE RECEIPT
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	Reporting:Level II	Re		TAY.		City, State ZIP:			X 79701	Midland, TX 79701	City, State ZIP:
		St				Address:			310 W Wall St Ste 500	310 W Wa	Address:
	Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Juperfund ☐	Pr				Company Name:			Resources	Carmona Resources	Company Name:
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Temp Blank:   Yes No
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Temp Blank: Yes No Wet Ice: Yes No met Ice: Yes No Thermometer ID:  Yes No N/A Correction Factor: HO 3 No Para 800 Para
Temp Blank: Yes No Wet Ice: Yes No Met Ice: Yes No Met Ice: Yes No Met Ice: Yes No Met Ice: Yes No N/A Correction Factor: HO Arabic Soil Water Comp Cont Temperature: Soil Water Comp Cont
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No N/A Correction Factor:  No N/A Temperature Reading:  Ves No Parameter ID:  Parameter ID:  No N/A Temperature Reading:  No N/A Temperature Reading:
No N/A Correction Factor: Yes No Parameter ID: YO Paramet
Thermometer ID: Yes No
Yes No Wet Ice: Yes No met
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w Mexico Due Date: Standard TAT
2708 ☑ Routine ☐ Rush Code
Igloo Fed Production Facility Turn Around
(432) 813-6823 Email: cmoehring@carmonaresources.com
Midland, TX 79701 City, State ZIP:
310 W Wall St Ste 500 Address:
Carmona Resources Company Name:
Bill to: (if different) Carmona Resources

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			+	+	T	Comp	×		5/2/2025	CS-58 (1')	
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			×	×	1	Comp	×		5/2/2025	CS-54 (1')	
			×	×	1	Comp	×		5/2/2025	CS-53 (1')	CS- CS-
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NaOH+Ascorbic Acid: SAPC			_	015		C L	ding.	l emperature Reading.	NO N/A	eals: Yes	Sample Custody Seals:
Zn Acetate+NaOH: Zn			_			4000	di	Correction Factor:	No NA	+	Cooler Custody Seals:
Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>	_				Par	N. A.		I nermometer i.D.	No No		Received Intact:
NaHSO <sub>4</sub> : NABIS			e 450	021E	rame	Yes No	Wet Ice:	Yes (No	B		SAMPLE RECEIPT
H <sub>3</sub> PO <sub>4</sub> : HP					ters			)			PO #:
2				- MR					JDC/IR		Sampler's Name:
	T (			0)		Standard TAT	Due Date:		Lea County, New Mexico	Lea	Project Location
		+	+	+	Code	□ Rush	図 Routine		2708		Project Number:
None: NO DI Water: H <sub>2</sub> O		ANALYSIS REQUEST		-	Pres.	ound	Turn A		Igloo Fed Production Facility	lgloo	Project Name:
			om	ources.c	monaresc	Email: cmoehring@carmonaresources.com	Email: c		133	(432) 813-6823	Phone:
Other:	Deliverables: EDD ADaPT					City, State ZIP:	C		9701	Midland, TX 79701	City, State ZIP:
UST TRRP The Level IV	Reporting:Level II  Level III  PST/UST  TRRP  Level IV					Address.	0 2		t Ste 500	310 W Wall St Ste 500	Address:
ı	State of Project:					dross:	>		odices	Calliona Nesodices	Company Name:
fields	Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC					Company Name:	0		Olirops	Cormona Bas	Toject ividilagei.
S	Work Ord		Carmona Resources	armona	0	Bill to: (if different)	В		ring	Conner Moehring	Project Manager
6 of20											
ge (											
216	Work Order No: 14000										
Ω			Chain of Custody	Cu	ain o	CI					
			4-11	7		2					



May 13, 2025

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: IGLOO FED PRODUCTION FACILITY

Enclosed are the results of analyses for samples received by the laboratory on 05/07/25 8:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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



### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

### Sample ID: CS - 61 (1') (H252720-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.25	113	2.00	6.79	
Toluene*	<0.050	0.050	05/08/2025	ND	2.26	113	2.00	9.98	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.26	113	2.00	12.0	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.98	116	6.00	11.9	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	432	108	400	7.14	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2025	ND	204	102	200	0.619	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	195	97.4	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					
Surrogate: 1-Chlorooctane	97.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	94.2	% 40.6-15	3						

Cardinal Laboratories \*=Accredited Analyte

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Celeg & Freene



### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

05/13/2025
IGLOO FED PRODUCTION FACILITY

Project Name: IGLO
Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

# Sample ID: CS - 62 (1') (H252720-02)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.25	113	2.00	6.79	
Toluene*	<0.050	0.050	05/08/2025	ND	2.26	113	2.00	9.98	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.26	113	2.00	12.0	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.98	116	6.00	11.9	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2025	ND	432	108	400	7.14	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2025	ND	204	102	200	0.619	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	195	97.4	200	1.01	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					
Surrogate: 1-Chlorooctane	100	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	97.5	% 40.6-15	3						

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Celey D. Keene



### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

05/13/2025
IGLOO FED PRODUCTION FACILITY

Project Name: IGLO
Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

# Sample ID: CS - 63 (1') (H252720-03)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.25	113	2.00	6.79	
Toluene*	<0.050	0.050	05/08/2025	ND	2.26	113	2.00	9.98	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.26	113	2.00	12.0	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.98	116	6.00	11.9	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	432	108	400	7.14	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	198	99.2	200	0.195	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	189	94.6	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	94.5	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	96.7	% 40.6-15	3						

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Celey D. Keine



### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

05/13/2025
IGLOO FED PRODUCTION FACILITY

Project Name: IGLO
Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

# Sample ID: CS - 64 (1') (H252720-04)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.25	113	2.00	6.79	
Toluene*	<0.050	0.050	05/08/2025	ND	2.26	113	2.00	9.98	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.26	113	2.00	12.0	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.98	116	6.00	11.9	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	432	108	400	7.14	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	198	99.2	200	0.195	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	189	94.6	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	98.0	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	102	% 40.6-15	3						

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Celey D. Keine



### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025 Sampling Date: 05/02/2025 Sampling Type: Soil

Project Name:

RTFY 8021R

IGLOO FED PRODUCTION FACILITY

Sampling Condition: Cool & Intact

Project Number: 2708

Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NEW MEXICO

### Sample ID: CS - 65 (1') (H252720-05)

B1EX 8021B	mg/	кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.25	113	2.00	6.79	
Toluene*	<0.050	0.050	05/08/2025	ND	2.26	113	2.00	9.98	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.26	113	2.00	12.0	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.98	116	6.00	11.9	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	432	108	400	7.14	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	198	99.2	200	0.195	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	189	94.6	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	96.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	101 9	% 40.6-15	3						

Applyzod By: 14

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Celey D. Kune

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

05/13/2025 IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

# Sample ID: CS - 66 (1') (H252720-06)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.25	113	2.00	6.79	
Toluene*	<0.050	0.050	05/08/2025	ND	2.26	113	2.00	9.98	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.26	113	2.00	12.0	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.98	116	6.00	11.9	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	432	108	400	7.14	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	198	99.2	200	0.195	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	189	94.6	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	100	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	105	% 40.6-15	3						

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Celey D. Keine



### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025 Sampling Date: 05/02/2025 Sampling Type:

Project Name:

IGLOO FED PRODUCTION FACILITY

Soil

Project Number:

2708

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NEW MEXICO

### Sample ID: CS - 67 (1') (H252720-07)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.25	113	2.00	6.79	
Toluene*	<0.050	0.050	05/08/2025	ND	2.26	113	2.00	9.98	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.26	113	2.00	12.0	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.98	116	6.00	11.9	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	432	108	400	7.14	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	198	99.2	200	0.195	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	189	94.6	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	96.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	102	% 40.6-15	3						

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Celeg D. Keene



05/02/2025

Alyssa Parras

### Analytical Results For:

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

Received: 05/07/2025 Reported:

05/13/2025 Sampling Type: Soil Sampling Condition: Cool & Intact

Sampling Date:

Sample Received By:

Project Name: IGLOO FED PRODUCTION FACILITY Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

Sample ID: CS - 68 (1') (H252720-08)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.25	113	2.00	6.79	
Toluene*	<0.050	0.050	05/08/2025	ND	2.26	113	2.00	9.98	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.26	113	2.00	12.0	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.98	116	6.00	11.9	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	432	108	400	7.14	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	198	99.2	200	0.195	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	189	94.6	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	99.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	103	% 40.6-15	3						

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### Analytical Results For:

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

Received: 05/07/2025 05/13/2025 Sampling Date: 05/02/2025

Reported: Project Name: IGLOO FED PRODUCTION FACILITY Sampling Type: Soil

Project Number: 2708 Sampling Condition: Cool & Intact Sample Received By:

Alyssa Parras

Project Location: LEA COUNTY, NEW MEXICO

## Sample ID: CS - 69 (1') (H252720-09)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.25	113	2.00	6.79	
Toluene*	<0.050	0.050	05/08/2025	ND	2.26	113	2.00	9.98	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.26	113	2.00	12.0	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.98	116	6.00	11.9	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	432	108	400	7.14	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	198	99.2	200	0.195	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	189	94.6	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	97.0	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	100	% 40.6-15	3						

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

# Sample ID: CS - 70 (1') (H252720-10)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.25	113	2.00	6.79	
Toluene*	<0.050	0.050	05/08/2025	ND	2.26	113	2.00	9.98	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.26	113	2.00	12.0	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.98	116	6.00	11.9	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	432	108	400	7.14	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	198	99.2	200	0.195	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	189	94.6	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	98.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	96.7	% 40.6-15	3						

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

# Sample ID: CS - 71 (1') (H252720-11)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.25	113	2.00	6.79	
Toluene*	<0.050	0.050	05/08/2025	ND	2.26	113	2.00	9.98	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.26	113	2.00	12.0	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.98	116	6.00	11.9	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2025	ND	432	108	400	7.14	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	198	99.2	200	0.195	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	189	94.6	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	98.6	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	97.3	% 40.6-15	3						

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05/02/2025

Cool & Intact

Alyssa Parras

## Analytical Results For:

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

Fax To:

IGLOO FED PRODUCTION FACILITY

Received: 05/07/2025 Reported:

05/13/2025 Sampling Type: Soil

Sampling Date:

Sampling Condition:

Sample Received By:

Project Name: Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

### Sample ID: CS - 72 (1') (H252720-12)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.25	113	2.00	6.79	
Toluene*	<0.050	0.050	05/08/2025	ND	2.26	113	2.00	9.98	
Ethylbenzene*	< 0.050	0.050	05/08/2025	ND	2.26	113	2.00	12.0	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.98	116	6.00	11.9	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/07/2025	ND	432	108	400	7.14	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	198	99.2	200	0.195	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	189	94.6	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	98.8	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	102	% 40.6-15	3						

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### Analytical Results For:

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

Received: 05/07/2025 Reported:

05/13/2025 IGLOO FED PRODUCTION FACILITY

Project Name: Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

# Sample ID: CS - 73 (1') (H252720-13)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.25	113	2.00	6.79	
Toluene*	<0.050	0.050	05/08/2025	ND	2.26	113	2.00	9.98	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.26	113	2.00	12.0	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.98	116	6.00	11.9	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	198	99.2	200	0.195	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	189	94.6	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	93.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	98.0	% 40.6-15	3						

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

05/13/2025 Sampling

Project Name: IGLOO FED PRODUCTION FACILITY
Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

## Sample ID: CS - 74 (1') (H252720-14)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.25	113	2.00	6.79	
Toluene*	<0.050	0.050	05/08/2025	ND	2.26	113	2.00	9.98	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.26	113	2.00	12.0	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.98	116	6.00	11.9	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	198	99.2	200	0.195	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	189	94.6	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	95.7	% 44.4-14	75						
Surrogate: 1-Chlorooctadecane	98.8	% 40.6-15	3						

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

05/13/2025 IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

# Sample ID: CS - 75 (1') (H252720-15)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.25	113	2.00	6.79	
Toluene*	<0.050	0.050	05/08/2025	ND	2.26	113	2.00	9.98	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.26	113	2.00	12.0	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.98	116	6.00	11.9	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	198	99.2	200	0.195	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	189	94.6	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	97.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	98.6	% 40.6-15	3						

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

### Sample ID: CS - 76 (1') (H252720-16)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.25	113	2.00	6.79	
Toluene*	<0.050	0.050	05/08/2025	ND	2.26	113	2.00	9.98	
Ethylbenzene*	< 0.050	0.050	05/08/2025	ND	2.26	113	2.00	12.0	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.98	116	6.00	11.9	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	198	99.2	200	0.195	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	189	94.6	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	97.8	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	103	% 40.6-15	3						

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

# Sample ID: CS - 77 (1') (H252720-17)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.25	113	2.00	6.79	
Toluene*	<0.050	0.050	05/08/2025	ND	2.26	113	2.00	9.98	
Ethylbenzene*	< 0.050	0.050	05/08/2025	ND	2.26	113	2.00	12.0	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.98	116	6.00	11.9	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	198	99.2	200	0.195	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	189	94.6	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	98.2	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	103	% 40.6-15	3						

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### Analytical Results For:

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

Fax To:

Received: 05/07/2025 Reported:

Sampling Date: 05/02/2025

Project Name:

Project Location:

05/13/2025 IGLOO FED PRODUCTION FACILITY Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Project Number: 2708

LEA COUNTY, NEW MEXICO

#### Sample ID: CS - 78 (1') (H252720-18)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.25	113	2.00	6.79	
Toluene*	<0.050	0.050	05/08/2025	ND	2.26	113	2.00	9.98	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.26	113	2.00	12.0	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.98	116	6.00	11.9	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	198	99.2	200	0.195	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	189	94.6	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	97.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	102 5	% 40.6-15	3						

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

05/13/2025
IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

# Sample ID: CS - 79 (1') (H252720-19)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.25	113	2.00	6.79	
Toluene*	<0.050	0.050	05/08/2025	ND	2.26	113	2.00	9.98	
Ethylbenzene*	< 0.050	0.050	05/08/2025	ND	2.26	113	2.00	12.0	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.98	116	6.00	11.9	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	198	99.2	200	0.195	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	189	94.6	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	97.4	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	101	% 40.6-15	3						

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Alyssa Parras

### Analytical Results For:

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

Received: 05/07/2025 Reported:

Sampling Date: 05/02/2025 05/13/2025 Sampling Type: Soil IGLOO FED PRODUCTION FACILITY Sampling Condition: Cool & Intact

Sample Received By:

Project Name: Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

Sample ID: CS - 80 (1') (H252720-20)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.17	108	2.00	0.474	
Toluene*	<0.050	0.050	05/08/2025	ND	2.48	124	2.00	0.774	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.68	134	2.00	1.53	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	8.07	135	6.00	1.88	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	198	99.2	200	0.195	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	189	94.6	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	98.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	102	% 40 6-15	3						

Surrogate: 1-Chlorooctadecane 102 % 40.6-153

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### Analytical Results For:

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

Fax To:

Received: 05/07/2025 Reported:

05/13/2025 Sampling Type: Soil

Project Number: 2708

Project Name:

BTEX 8021B

Project Location: LEA COUNTY, NEW MEXICO

IGLOO FED PRODUCTION FACILITY Sampling Condition: Cool & Intact

Sample Received By:

Sampling Date:

Alyssa Parras

05/02/2025

#### Sample ID: CS - 81 (1') (H252720-21)

DILX GOZID	ilig/	, kg	Allulyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.17	108	2.00	0.474	
Toluene*	<0.050	0.050	05/08/2025	ND	2.48	124	2.00	0.774	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.68	134	2.00	1.53	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	8.07	135	6.00	1.88	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	198	99.2	200	0.195	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	189	94.6	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	98.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	103	% 40.6-15	3						

Analyzed By: JH

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

05/13/2025
IGLOO FED PRODUCTION FACILITY

Project Name: IGLO
Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

# Sample ID: CS - 82 (1') (H252720-22)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.17	108	2.00	0.474	
Toluene*	<0.050	0.050	05/08/2025	ND	2.48	124	2.00	0.774	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.68	134	2.00	1.53	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	8.07	135	6.00	1.88	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	123	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	198	99.2	200	0.195	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	189	94.6	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	101	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	105	% 40.6-15	3						

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

### Sample ID: CS - 83 (1') (H252720-23)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.17	108	2.00	0.474	
Toluene*	<0.050	0.050	05/08/2025	ND	2.48	124	2.00	0.774	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.68	134	2.00	1.53	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	8.07	135	6.00	1.88	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	121	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	192	96.0	200	3.89	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	184	91.9	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	75.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	74.1	% 40.6-15	3						

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### Analytical Results For:

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

Fax To:

Received: 05/07/2025 Reported: 05/13/2025 Sampling Date: 05/02/2025 Sampling Type: Soil

Project Name: IGLOO FED PRODUCTION FACILITY Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Project Number: 2708 Project Location: LEA COUNTY, NEW MEXICO

Sample ID: CS - 84 (1') (H252720-24)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.17	108	2.00	0.474	
Toluene*	<0.050	0.050	05/08/2025	ND	2.48	124	2.00	0.774	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.68	134	2.00	1.53	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	8.07	135	6.00	1.88	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	192	96.0	200	3.89	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	184	91.9	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	79.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	76.7	% 40.6-15	3						

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

05/13/2025
IGLOO FED PRODUCTION FACILITY

Project Name: IGLO
Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

# Sample ID: CS - 85 (1') (H252720-25)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.17	108	2.00	0.474	
Toluene*	<0.050	0.050	05/08/2025	ND	2.48	124	2.00	0.774	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.68	134	2.00	1.53	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	8.07	135	6.00	1.88	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	192	96.0	200	3.89	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	184	91.9	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	86.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	83.9	% 40.6-15	3						

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Celey D. Keene



### Analytical Results For:

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

Fax To:

Received: 05/07/2025 Reported: 05/13/2025 Sampling Date: 05/02/2025

Sampling Type: Soil

Project Name:

IGLOO FED PRODUCTION FACILITY

Sampling Condition: Cool & Intact

Project Number:

Sample Received By:

Alyssa Parras

2708

Project Location: LEA COUNTY, NEW MEXICO

### Sample ID: CS - 86 (1') (H252720-26)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.17	108	2.00	0.474	
Toluene*	<0.050	0.050	05/08/2025	ND	2.48	124	2.00	0.774	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.68	134	2.00	1.53	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	8.07	135	6.00	1.88	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	192	96.0	200	3.89	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	184	91.9	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	83.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	83.4	% 40.6-15	3						

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### Analytical Results For:

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

Fax To:

Received: 05/07/2025 Reported:

Sampling Date: 05/02/2025 Sampling Type: Soil

Project Name:

05/13/2025 IGLOO FED PRODUCTION FACILITY

Sampling Condition: Cool & Intact

Project Number:

2708

Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NEW MEXICO

Sample ID: CS - 87 (1') (H252720-27)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.17	108	2.00	0.474	
Toluene*	<0.050	0.050	05/08/2025	ND	2.48	124	2.00	0.774	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.68	134	2.00	1.53	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	8.07	135	6.00	1.88	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	192	96.0	200	3.89	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	184	91.9	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	78.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	74.7	% 40.6-15	3						

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### Analytical Results For:

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

Received: 05/07/2025 Reported:

05/13/2025 IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Alyssa Parras

## Sample ID: CS - 88 (1') (H252720-28)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.17	108	2.00	0.474	
Toluene*	<0.050	0.050	05/08/2025	ND	2.48	124	2.00	0.774	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.68	134	2.00	1.53	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	8.07	135	6.00	1.88	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	192	96.0	200	3.89	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	184	91.9	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	79.0	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	76.0	% 40.6-15	3						

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

05/13/2025 Sampling Type: IGLOO FED PRODUCTION FACILITY Sampling Condition:

Project Name: IGLOO FED PRODU Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

ampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

### Sample ID: CS - 89 (1') (H252720-29)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.17	108	2.00	0.474	
Toluene*	<0.050	0.050	05/08/2025	ND	2.48	124	2.00	0.774	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.68	134	2.00	1.53	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	8.07	135	6.00	1.88	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	126	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	192	96.0	200	3.89	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	184	91.9	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	84.4	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	81.5	% 40.6-15	3						

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

### Sample ID: CS - 90 (1') (H252720-30)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.17	108	2.00	0.474	
Toluene*	<0.050	0.050	05/08/2025	ND	2.48	124	2.00	0.774	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.68	134	2.00	1.53	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	8.07	135	6.00	1.88	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	192	96.0	200	3.89	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	184	91.9	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	91.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	88.7	% 40.6-15	3						

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Name: IGLO Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

### Sample ID: CS - 91 (1') (H252720-31)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.17	108	2.00	0.474	
Toluene*	<0.050	0.050	05/08/2025	ND	2.48	124	2.00	0.774	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.68	134	2.00	1.53	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	8.07	135	6.00	1.88	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	192	96.0	200	3.89	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	184	91.9	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	83.0	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	78.4	% 40.6-15	3						

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### Analytical Results For:

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

05/07/2025 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Received:

Reported:

Project Name:

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Alyssa Parras

### Sample ID: CS - 92 (1') (H252720-32)

BTEX 8021B	mg/	kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.17	108	2.00	0.474	
Toluene*	<0.050	0.050	05/08/2025	ND	2.48	124	2.00	0.774	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.68	134	2.00	1.53	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	8.07	135	6.00	1.88	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 %	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	192	96.0	200	3.89	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	184	91.9	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	93.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	89.4	% 40.6-15	3						

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

RTFY 8021R

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

### Sample ID: CS - 93 (1') (H252720-33)

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.17	108	2.00	0.474	
Toluene*	<0.050	0.050	05/08/2025	ND	2.48	124	2.00	0.774	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.68	134	2.00	1.53	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	8.07	135	6.00	1.88	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	192	96.0	200	3.89	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	184	91.9	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	87.5	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	86.5	% 40.6-15	3						

Applyzod By: 14

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### Analytical Results For:

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

Fax To:

Received: 05/07/2025 Reported:

Sampling Date: 05/02/2025

Project Name:

05/13/2025 IGLOO FED PRODUCTION FACILITY Sampling Type: Soil

RTFY 8021R

2708

Sampling Condition: Cool & Intact

Project Number:

Sample Received By:

Alyssa Parras

Project Location: LEA COUNTY, NEW MEXICO

### Sample ID: CS - 94 (1') (H252720-34)

B1EX 8021B	mg/	кg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.17	108	2.00	0.474	
Toluene*	<0.050	0.050	05/08/2025	ND	2.48	124	2.00	0.774	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.68	134	2.00	1.53	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	8.07	135	6.00	1.88	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 %	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	192	96.0	200	3.89	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	184	91.9	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	80.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	78.9	% 40.6-15	3						

Applyzod By: 14

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025 Sampling Date: 05/02/2025 Sampling Type: Soil

Project Name:

IGLOO FED PRODUCTION FACILITY

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Project Number: Project Location: 2708 LEA COUNTY, NEW MEXICO

### Sample ID: CS - 95 (1') (H252720-35)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.17	108	2.00	0.474	
Toluene*	<0.050	0.050	05/08/2025	ND	2.48	124	2.00	0.774	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.68	134	2.00	1.53	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	8.07	135	6.00	1.88	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	192	96.0	200	3.89	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	184	91.9	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	85.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	83.5	% 40.6-15	3						

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### Analytical Results For:

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

Received: 05/07/2025 Reported:

05/13/2025 IGLOO FED PRODUCTION FACILITY

Project Name: Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

### Sample ID: CS - 96 (1') (H252720-36)

BTEX 8021B	mg/	'kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.17	108	2.00	0.474	
Toluene*	<0.050	0.050	05/08/2025	ND	2.48	124	2.00	0.774	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.68	134	2.00	1.53	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	8.07	135	6.00	1.88	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	121 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	192	96.0	200	3.89	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	184	91.9	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	89.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	90.1	% 40.6-15	3						

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

RTFY 8021R

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: CS - 97 (1') (H252720-37)

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.17	108	2.00	0.474	
Toluene*	<0.050	0.050	05/08/2025	ND	2.48	124	2.00	0.774	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.68	134	2.00	1.53	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	8.07	135	6.00	1.88	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	192	96.0	200	3.89	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	184	91.9	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	84.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	81.4	% 40.6-15	3						

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025 Sampling Date: 05/02/2025
Sampling Type: Soil

Project Name: IGLOO FED PRODUCTION FACILITY
Project Number: 2708

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Project Number: 2700

Project Location: LEA COUNTY, NEW MEXICO

### Sample ID: CS - 98 (1') (H252720-38)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.17	108	2.00	0.474	
Toluene*	<0.050	0.050	05/08/2025	ND	2.48	124	2.00	0.774	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.68	134	2.00	1.53	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	8.07	135	6.00	1.88	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	192	96.0	200	3.89	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	184	91.9	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	91.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	86.9	% 40.6-15	3						

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

### Sample ID: CS - 99 (1') (H252720-39)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.17	108	2.00	0.474	
Toluene*	<0.050	0.050	05/08/2025	ND	2.48	124	2.00	0.774	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.68	134	2.00	1.53	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	8.07	135	6.00	1.88	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	192	96.0	200	3.89	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	184	91.9	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	89.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	89.0	% 40.6-15	3						

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

05/13/2025
IGLOO FED PRODUCTION FACILITY

Project Name: IGLO Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

### Sample ID: CS - 100 (1.5') (H252720-40)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.16	108	2.00	1.81	
Toluene*	<0.050	0.050	05/07/2025	ND	2.24	112	2.00	1.27	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.21	111	2.00	0.850	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.54	109	6.00	0.674	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	192	96.0	200	3.89	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	184	91.9	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	84.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	79.7	% 40.6-15	3						

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05/02/2025

Cool & Intact

Alyssa Parras

### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

05/13/2025 Sampling Type: Soil

Sampling Date:

Sampling Condition:

Sample Received By:

Project Number: 2708

Project Name:

RTFY 8021R

Project Location: LEA COUNTY, NEW MEXICO

IGLOO FED PRODUCTION FACILITY

Sample ID: CS - 101 (1.5') (H252720-41)

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.16	108	2.00	1.81	
Toluene*	<0.050	0.050	05/07/2025	ND	2.24	112	2.00	1.27	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.21	111	2.00	0.850	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.54	109	6.00	0.674	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	192	96.0	200	3.89	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	184	91.9	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	92.7	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	93.9	% 40.6-15	3						

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

05/13/2025
IGLOO FED PRODUCTION FACILITY

Project Name: IGLO Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

### Sample ID: CS - 102 (1.5') (H252720-42)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.16	108	2.00	1.81	
Toluene*	< 0.050	0.050	05/07/2025	ND	2.24	112	2.00	1.27	
Ethylbenzene*	< 0.050	0.050	05/07/2025	ND	2.21	111	2.00	0.850	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.54	109	6.00	0.674	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	192	96.0	200	3.89	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	184	91.9	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	89.2	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	87.0	% 40.6-15	3						

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Celey D. Keene



### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025 Sampling Date: 05/02/2025

Reported: Project Name: Sampling Type: Soil

Project Name: IGLOO FED PRODUCTION FACILITY

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

Sample ID: CS - 103 (1.5') (H252720-43)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.16	108	2.00	1.81	
Toluene*	<0.050	0.050	05/07/2025	ND	2.24	112	2.00	1.27	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.21	111	2.00	0.850	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.54	109	6.00	0.674	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	211	105	200	0.0304	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	201	101	200	0.330	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	85.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	80.6	% 40.6-15	3						

Cardinal Laboratories \*=Accredited Analyte

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

05/13/2025 IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

### Sample ID: CS - 104 (1.5') (H252720-44)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.16	108	2.00	1.81	
Toluene*	<0.050	0.050	05/07/2025	ND	2.24	112	2.00	1.27	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.21	111	2.00	0.850	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.54	109	6.00	0.674	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	211	105	200	0.0304	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	201	101	200	0.330	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	86.5	% 44.4-14	75						
Surrogate: 1-Chlorooctadecane	80.7	% 40.6-15	3						

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

05/13/2025 IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

### Sample ID: CS - 105 (1.5') (H252720-45)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.16	108	2.00	1.81	
Toluene*	<0.050	0.050	05/07/2025	ND	2.24	112	2.00	1.27	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.21	111	2.00	0.850	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.54	109	6.00	0.674	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 :	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	211	105	200	0.0304	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	201	101	200	0.330	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	84.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	81.0	% 40.6-15	3						

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05/02/2025

Alyssa Parras

### Analytical Results For:

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

Received: 05/07/2025 Reported:

05/13/2025 Sampling Type: Soil Cool & Intact

Sampling Date:

Project Name: IGLOO FED PRODUCTION FACILITY Project Number:

Sampling Condition: 2708 Sample Received By:

Project Location: LEA COUNTY, NEW MEXICO

### Sample ID: CS - 106 (1.5') (H252720-46)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.16	108	2.00	1.81	
Toluene*	<0.050	0.050	05/07/2025	ND	2.24	112	2.00	1.27	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.21	111	2.00	0.850	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.54	109	6.00	0.674	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	211	105	200	0.0304	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	201	101	200	0.330	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	87.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	82.2	% 40.6-15	3						

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

05/13/2025

Project Name: IGLOO FED PRODUCTION FACILITY

Project Location: LEA COUNTY, NEW MEXICO

2708

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

## Sample ID: CS - 107 (1.5') (H252720-47)

Project Number:

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.16	108	2.00	1.81	
Toluene*	<0.050	0.050	05/07/2025	ND	2.24	112	2.00	1.27	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.21	111	2.00	0.850	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.54	109	6.00	0.674	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	211	105	200	0.0304	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	201	101	200	0.330	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	86.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	81.6	% 40.6-15	3						

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Alyssa Parras

### Sample ID: CS - 108 (1') (H252720-48)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.16	108	2.00	1.81	
Toluene*	<0.050	0.050	05/07/2025	ND	2.24	112	2.00	1.27	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.21	111	2.00	0.850	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.54	109	6.00	0.674	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	211	105	200	0.0304	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	201	101	200	0.330	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	84.0	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	77.7	% 40.6-15	3						

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### Analytical Results For:

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

Fax To:

Received: 05/07/2025 Reported: 05/13/2025 Sampling Date: 05/02/2025 Sampling Type:

Project Name:

IGLOO FED PRODUCTION FACILITY

Soil

Project Number:

2708

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NEW MEXICO

Sample ID: CS - 109 (1') (H252720-49)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.16	108	2.00	1.81	
Toluene*	<0.050	0.050	05/07/2025	ND	2.24	112	2.00	1.27	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.21	111	2.00	0.850	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.54	109	6.00	0.674	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	211	105	200	0.0304	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	201	101	200	0.330	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	84.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	78.0	% 40.6-15	3						

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

05/13/2025
IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

### Sample ID: CS - 110 (1') (H252720-50)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.16	108	2.00	1.81	
Toluene*	<0.050	0.050	05/07/2025	ND	2.24	112	2.00	1.27	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.21	111	2.00	0.850	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.54	109	6.00	0.674	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	211	105	200	0.0304	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	201	101	200	0.330	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	87.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	80.9	% 40.6-15	3						

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### Analytical Results For:

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

Received: 05/07/2025 Reported:

Sampling Date: 05/02/2025 Soil

Project Name:

05/13/2025 Sampling Type: IGLOO FED PRODUCTION FACILITY

Project Number: 2708 Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NEW MEXICO

Sample ID: CS - 111 (1') (H252720-51)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.16	108	2.00	1.81	
Toluene*	<0.050	0.050	05/07/2025	ND	2.24	112	2.00	1.27	
Ethylbenzene*	< 0.050	0.050	05/07/2025	ND	2.21	111	2.00	0.850	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.54	109	6.00	0.674	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	211	105	200	0.0304	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	201	101	200	0.330	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	87.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	81.6	% 40.6-15	3						

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Celey D. Keine



### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

05/13/2025 Sampling TIGLOO FED PRODUCTION FACILITY Sampling C

Project Name: IGLOO F Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

### Sample ID: CS - 112 (1') (H252720-52)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.16	108	2.00	1.81	
Toluene*	<0.050	0.050	05/07/2025	ND	2.24	112	2.00	1.27	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.21	111	2.00	0.850	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.54	109	6.00	0.674	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PIL	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	211	105	200	0.0304	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	201	101	200	0.330	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	86.7	% 44.4-14	75						
Surrogate: 1-Chlorooctadecane	81.0	% 40.6-15	3						
Surrogate: 1-Chlorooctadecane	81.0	% 40.6-15	3						

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Celey D. Kreine



### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

05/13/2025 Sampling Type:
IGLOO FED PRODUCTION FACILITY Sampling Condition:

Applyzod By: 14

Project Name: IGLO Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025 Sampling Type: Soil

Sample Received By:

Cool & Intact Alyssa Parras

Sample ID: CS - 113 (3') (H252720-53)

RTFY 8021R

BIEX 8021B	mg,	, kg	Allalyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.16	108	2.00	1.81	
Toluene*	<0.050	0.050	05/07/2025	ND	2.24	112	2.00	1.27	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.21	111	2.00	0.850	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.54	109	6.00	0.674	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (F	PID 102 S	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	211	105	200	0.0304	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	201	101	200	0.330	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	83.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	78.5	% 40.6-15	3						
Surrogate: 1-Chlorooctane	83.2	% 44.4-14	5	ND				_	

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Celeg & Frence



### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025 Sampling Date: 05/02/2025 Sampling Type:

Project Name:

IGLOO FED PRODUCTION FACILITY

Soil

Project Number:

2708

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NEW MEXICO

### Sample ID: CS - 114 (3') (H252720-54)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.16	108	2.00	1.81	
Toluene*	<0.050	0.050	05/07/2025	ND	2.24	112	2.00	1.27	
Ethylbenzene*	< 0.050	0.050	05/07/2025	ND	2.21	111	2.00	0.850	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.54	109	6.00	0.674	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/07/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	211	105	200	0.0304	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	201	101	200	0.330	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	83.3	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	77.6	% 40.6-15	3						

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

05/13/2025 Sampling Type:
IGLOO FED PRODUCTION FACILITY Sampling Condition:

Applyzod By: 14

Project Name: IGLOO F Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025 Sampling Type: Soil

Sample Received By:

Cool & Intact Alyssa Parras

# Sample ID: CS - 115 (3') (H252720-55)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.16	108	2.00	1.81	
Toluene*	<0.050	0.050	05/07/2025	ND	2.24	112	2.00	1.27	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.21	111	2.00	0.850	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.54	109	6.00	0.674	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/07/2025	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	211	105	200	0.0304	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	201	101	200	0.330	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	85.7	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	80.0	% 40.6-15	3						

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### Analytical Results For:

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

Received: 05/07/2025 Reported:

05/13/2025 IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

### Sample ID: CS - 116 (3') (H252720-56)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.16	108	2.00	1.81	
Toluene*	<0.050	0.050	05/07/2025	ND	2.24	112	2.00	1.27	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.21	111	2.00	0.850	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.54	109	6.00	0.674	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/07/2025	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	211	105	200	0.0304	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	201	101	200	0.330	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	84.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	79.3	% 40.6-15	3						

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Celey D. Keine



### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

### Sample ID: CS - 117 (3') (H252720-57)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.16	108	2.00	1.81	
Toluene*	<0.050	0.050	05/07/2025	ND	2.24	112	2.00	1.27	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.21	111	2.00	0.850	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.54	109	6.00	0.674	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/07/2025	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	211	105	200	0.0304	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	201	101	200	0.330	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	82.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	77.4	% 40.6-15	3						

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Celey D. Keene



### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

### Sample ID: CS - 118 (3') (H252720-58)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.16	108	2.00	1.81	
Toluene*	<0.050	0.050	05/07/2025	ND	2.24	112	2.00	1.27	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.21	111	2.00	0.850	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.54	109	6.00	0.674	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/07/2025	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	211	105	200	0.0304	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	201	101	200	0.330	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	79.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	74.0	% 40.6-15	3						

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Celey D. Keene



### Analytical Results For:

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

Received: 05/07/2025 Reported:

05/13/2025 Sampling Type: Sampling Condition:

Project Name: IGLOO FED PRODUCTION FACILITY Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025 Soil

Sample Received By:

Cool & Intact Alyssa Parras

Sample ID: CS - 119 (3') (H252720-59)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.16	108	2.00	1.81	
Toluene*	<0.050	0.050	05/08/2025	ND	2.24	112	2.00	1.27	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.21	111	2.00	0.850	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.54	109	6.00	0.674	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2025	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	211	105	200	0.0304	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	201	101	200	0.330	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	80.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	73.9	% 40.6-15	3						

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Celey D. Keene



### Analytical Results For:

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

Received: 05/07/2025 Reported:

05/13/2025 IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Alyssa Parras

### Sample ID: CS - 120 (3') (H252720-60)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.08	104	2.00	3.90	
Toluene*	<0.050	0.050	05/07/2025	ND	2.19	110	2.00	5.07	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.20	110	2.00	5.56	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	7.00	117	6.00	5.80	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	211	105	200	0.0304	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	201	101	200	0.330	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	84.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	77.8	% 40.6-15	3						

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

RTFY 8021R

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Alyssa Parras

### Sample ID: CS - 121 (3') (H252720-61)

B1EX 8021B	mg/	кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.08	104	2.00	3.90	
Toluene*	<0.050	0.050	05/07/2025	ND	2.19	110	2.00	5.07	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.20	110	2.00	5.56	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	7.00	117	6.00	5.80	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2025	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	211	105	200	0.0304	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	201	101	200	0.330	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	77.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	74.6	% 40.6-15	3						

Applyzod By: 14

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

### Sample ID: CS - 122 (3') (H252720-62)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.08	104	2.00	3.90	
Toluene*	<0.050	0.050	05/07/2025	ND	2.19	110	2.00	5.07	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.20	110	2.00	5.56	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	7.00	117	6.00	5.80	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/07/2025	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	211	105	200	0.0304	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	201	101	200	0.330	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	83.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	78.5	% 40.6-15	3						

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

 05/07/2025
 Sampling Date:
 05/02/2025

 05/13/2025
 Sampling Type:
 Soil

Project Name: IGLOO FED PRODUCTION FACILITY

Project Number: 2708
Project Location: LEA COUNTY, NEW MEXICO

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: CS - 123 (3') (H252720-63)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.08	104	2.00	3.90	
Toluene*	<0.050	0.050	05/07/2025	ND	2.19	110	2.00	5.07	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.20	110	2.00	5.56	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	7.00	117	6.00	5.80	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/07/2025	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	193	96.4	200	0.599	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	190	95.0	200	1.78	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	98.6	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	88.0	% 40.6-15	3						

Applyzod By: 14

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

05/13/2025
IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

RTFY 8021R

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

## Sample ID: CS - 124 (3') (H252720-64)

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.08	104	2.00	3.90	
Toluene*	<0.050	0.050	05/07/2025	ND	2.19	110	2.00	5.07	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.20	110	2.00	5.56	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	7.00	117	6.00	5.80	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/07/2025	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	193	96.4	200	0.599	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	190	95.0	200	1.78	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	97.8	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	86.0	% 40.6-15	3						

Applyzod By: 14

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### Analytical Results For:

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

Received: 05/07/2025

Sampling Date: 05/02/2025

Reported: 05/13/2025
Project Name: IGLOO FED PRODUCTION FACILITY

Sampling Type: Soil

Project Number: 2708

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NEW MEXICO

Sample ID: CS - 125 (3') (H252720-65)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.08	104	2.00	3.90	
Toluene*	<0.050	0.050	05/07/2025	ND	2.19	110	2.00	5.07	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.20	110	2.00	5.56	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	7.00	117	6.00	5.80	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2025	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	193	96.4	200	0.599	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	190	95.0	200	1.78	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	102	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	90.6	% 40.6-15	3						

Analyzed By: JH

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### Analytical Results For:

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

Fax To:

Received: 05/07/2025 Reported:

05/13/2025 Sampling Type: IGLOO FED PRODUCTION FACILITY Sampling Condition:

Project Name: Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025 Soil

Sample Received By:

Cool & Intact Alyssa Parras

Sample ID: CS - 126 (3') (H252720-66)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.08	104	2.00	3.90	
Toluene*	<0.050	0.050	05/07/2025	ND	2.19	110	2.00	5.07	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.20	110	2.00	5.56	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	7.00	117	6.00	5.80	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	193	96.4	200	0.599	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	190	95.0	200	1.78	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	97.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	87.3	% 40.6-15	3						

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025 Sampling Date: 05/02/2025 Sampling Type: Soil

Reported: 05/13/2025
Project Name: IGLOO FED PRODUCTION FACILITY

Sampling Type. Soll Sampling Condition: Cool & Intact

Project Number: 2708

Sample Received By: Alyssa Parras

Project Location: LEA COUNTY, NEW MEXICO

Sample ID: CS - 127 (1') (H252720-67)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.08	104	2.00	3.90	
Toluene*	<0.050	0.050	05/07/2025	ND	2.19	110	2.00	5.07	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.20	110	2.00	5.56	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	7.00	117	6.00	5.80	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	193	96.4	200	0.599	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	190	95.0	200	1.78	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	97.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	87.8	% 40.6-15	3						

Analyzed By: JH

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### Analytical Results For:

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

Received: 05/07/2025 Reported:

05/13/2025 Sampling Type: Sampling Condition:

Project Name: IGLOO FED PRODUCTION FACILITY Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025 Soil

Sample Received By:

Cool & Intact Alyssa Parras

Sample ID: CS - 128 (1') (H252720-68)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.08	104	2.00	3.90	
Toluene*	<0.050	0.050	05/07/2025	ND	2.19	110	2.00	5.07	
Ethylbenzene*	< 0.050	0.050	05/07/2025	ND	2.20	110	2.00	5.56	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	7.00	117	6.00	5.80	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	193	96.4	200	0.599	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	190	95.0	200	1.78	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	94.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	83.4	% 40.6-15	3						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

## Sample ID: CS - 129 (1') (H252720-69)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.08	104	2.00	3.90	
Toluene*	<0.050	0.050	05/07/2025	ND	2.19	110	2.00	5.07	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.20	110	2.00	5.56	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	7.00	117	6.00	5.80	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 %	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2025	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	193	96.4	200	0.599	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	190	95.0	200	1.78	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	96.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	85.6	% 40.6-15	3						

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Celey D. Keene



### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

# Sample ID: CS - 130 (1') (H252720-70)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.08	104	2.00	3.90	
Toluene*	<0.050	0.050	05/07/2025	ND	2.19	110	2.00	5.07	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.20	110	2.00	5.56	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	7.00	117	6.00	5.80	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/07/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	193	96.4	200	0.599	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	190	95.0	200	1.78	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	99.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	86.5	% 40.6-15	3						

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Celeg D. Freene



### **Notes and Definitions**

BS1 Blank spike recovery above laboratory acceptance criteria. Results for analyte potentially biased high.

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

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Work Order No: 120 Page 74 of 79	Y	Chain of Custody	n of (	Chai	,				-	Page 191 of .

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Received by: (Signature)  Date/Time					×	NaOH+Ascorbic Acid: SAPC  Sample Comments	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> In Acetate+NaOH: Zn	de 4500 H₃PO₄: HP NaHSO₄: NABIS	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	None: NO DI Water: H <sub>2</sub> O	ANALYSIS REQUEST Preservative Codes	Deliverables: EDD ADaPT Other:	Reporting:Level II		Program: UST/PST   PR	esources Work Order Comments	tody  Work Order No: <u>りa5 a7 aら</u> Page _ 9 of20

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omments	Sample Comments			TPI		p Cont	Water Comp	Soil	Time	Date	Sample Identification	Sample Id	
SAPC	NaOH+Ascorbic Acid: SAPC			H 80			4.40	rature:	Corrected Temperature:	1		Total Containers:	I
	Zn Acetate+NaOH: Zn			_	_		4.1.	ding:	Temperature Reading:	NO N/A	-	Sample Custody Seals:	S
	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>			_	_	P	10.37		Correction Factor:	NO N/A	als: Yes	Cooler Custody Seals:	0
	NaHSO <sub>4</sub> : NABIS			_	( 802	ara	#15		Thermometer ID:	(es) No	~	Received Intact:	Z
	H <sub>3</sub> PO <sub>4</sub> ; HP			DR	_	mete	Yes No	Wet Ice:	Yes No	Temp Blank:		SAMPLE RECEIPT	S
NaOH: Na				0+1		ers			>			PO #:	ס
HNO3: HN				MRC						JDC/IR		Sampler's Name:	S
МеОН: Ме	⊆			))		<u> -</u>	Standard TAT	Due Date:		Lea County, New Mexico	Lea	Project Location	ס
DI Water: H <sub>2</sub> O	None: NO DI W					Code	□ Rush	☑ Routine		2708		Project Number:	ס
ive Codes	Preservative Codes	UEST	ANALYSIS REQUEST				Turn Around	Turn	Facility	Igloo Fed Production Facility	Igloo F	Project Name:	ס
	ADaP1 LI Other:	Deliverables: EDD		.com	sources.	armonare	Email: cmoehring@carmonaresources.com	Email:		3	(432) 813-6823	Phone:	P
Level IV	L RR	Reporting:Level II Level III LPST/UST					City, State ZIP:			9701	Midland, TX 79701	City, State ZIP:	0
		State of Project:					Address:			Ste 500	310 W Wall St Ste 500	Address:	D
uperfund	RRC	Program: UST/PST PRP Brownfields				155	Company Name:			ources	Carmona Resources	Company Name:	0
	Work Order Comments	V		Carmona Resources	Carmon		Bill to: (if different)			ing	Conner Moehring	Project Manager:	P
Page 77 of 79	Work Order No: 14959785	Work Or		Chain of Custody	of C	hain	C		3				1 Page 194 o
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ime	Date/Time	Received by: (Signature)	Rece		Н	Date/Time	Date				: (Signature)	Relinquished by: (Signature)	Re		9/2
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					×	×	1 ×	Comp	0	×		5/2/2025	(3')	CS-117 (3')	S
					×	×	1 ×	Comp	0	×		5/2/2025	(3')	CS-116 (3')	20
					×	×	1 ×	Comp	0	×		5/2/2025	(3')		50
					×	×	1 ×	Comp	0	×		5/2/2025	(3')	CS-114 (3')	2
					×	×	1 ×	Comp	0	×		5/2/2025	(3')	S CS-113 (3')	22
					×	×	1 ×	Comp	-	×		5/2/2025	(1")	CS-112 (1")	cs cs
					×	×	1 ×	Comp	0	×		5/2/2025	(1")	CS-111 (1')	2
ents	Sample Comments					TPI	# of Cont	Grab/ ;	Water	Soil	Time	Date	ification	Sample Identification	
.,	NaOH+Ascorbic Acid: SAPC					1 801		k,	(H-H)	rature:	Corrected Temperature:			Total Containers:	Total
	Zn Acetate+NaOH: Zn			,	Ch	_	В	Ĺ	4.1:	ding:	Temperature Reading:	N/A	Yes	Sample Custody Seals:	Samp
	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> ; NaSO <sub>3</sub>				lorio		Pa	\	t0.3:	.,	Correction Factor:	N/A	Yes	Cooler Custody Seals:	Coole
	NaHSO <sub>4</sub> : NABIS				de 4	_			4148		Thermometer ID:	No	Té	Received Intact:	Rece
					500		nete 1B	No	Yes	Wet Ice:	Yes No	Temp Blank:		SAMPLE RECEIPT	SAN
_ *	H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na					) + MI	rs				<b>&gt;</b>			77	PO #:
- (	2					RO)						JDC/IR		Sampler's Name:	Sami
250	Cool: Cool Mapph: Ma		+	+	_	+	0000	_	Standard TAT	Due Date:		Lea County, New Mexico	Lea Co	Project Location	Proje
T Oues	None: NO DI Water II O				_		Pres.		□ Rush	☑ Routine		2708		Project Number:	Proje
odos	Procorvativo C	HEST	ANALYSIS REQUEST	AN					Turn Around	Turn /	Facility	Igloo Fed Production Facility	Igloo Fe	Project Name:	Proje
	ADaPT ☐ Other:	Deliverables: EDD				ces.con	naresoul	1@carmo	cmoehring@carmonaresources.com	Email:			(432) 813-6823		Phone:
~	velIII □PST/UST □TRRP □ LevelIV □	Reporting:Level III Level III LPST/UST						ZIP:	City, State ZIP:			701	Midland, TX 79701	City, State ZIP:	City,
		State of Project:							Address:			Ste 500	310 W Wall St Ste 500		Address:
nd 🗆	RP ☐Brownfields ☐RRC ☐Juperfund ☐	Program: UST/PST PRP						Name:	Company Name:			ırces	Carmona Resources	Company Name:	Com
	Work Order Comments				sources	Carmona Resources	Ca	ferent)	Bill to: (if different)			g	Conner Moehring	Project Manager:	Proje
Page 78 of	Work Order No: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	Work		. , <del></del>											Page 1
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				omments:	70 CS-130 (1')	1G CS-129 (1')	மு§ CS-128 (1')	(7) CS-127 (1')	U() CS-126 (3')	LS CS-125 (3')	W CS-124 (3')	(3') CS-123 (3')	(3') CS-122	(g) CS-121 (3')	Sample Identification	Total Containers:	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO #	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone:	City, State ZIP:	Address:	Company Name:	Project Manager:		
		har			0 (1')	9 (1")	8 (1')	7 (1')	6 (3')	5 (3')	4 (3')	3 (3')	2 (3')	1 (3')	ntification	ŀ	als:	+	+	IPT	+	T			lg.	(432) 813-6823	Midland,	310 W W	Carmona	Conner Moehring	1	
		N	Reling		5/2	5/2	5/2	5/2	5/2	5/2	5/2	5/2	5/2	5/:			Yes No	Yes (No	Seg	Temp Blank:		J	Lea County, New Mexico		Igloo Fed Production Facility	3-6823	Midland, TX 79701	310 W Wall St Ste 500	Carmona Resources	/loehring		
		ans	uished by		5/2/2025	5/2/2025	5/2/2025	5/2/2025	5/2/2025	5/2/2025	5/2/2025	5/2/2025	5/2/2025	5/2/2025	Date		NA			nk:		JDC/IR	y, New Me	2708	oduction I			500	S			
		10	Relinquished by: (Signature)												Time	Corrected Temperature:	Temperature Reading:	Correction Factor:	Thermometer ID:	Yes No			exico		acility							
					×	×	×	×	×	×	×	×	×	×	Soil	perature:	eading:	or:	,	Wet Ice:			Due Date:	☑ Routine	Tu	Email:						
															Water			040	41111	Yes			Stand	□ Rush	Turn Around	ail: cmoeh	City, St	Address:	Compa	Bill to: (	-	
					Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Grab/ Comp	7.7.	-	38.	6	No			Standard TAT			cmoehring@carmonaresources.com	City, State ZIP:	S:	Company Name:	Bill to: (if different)		Ch
	1. 1	5/0/2	D		_	_	1	1	_	1	1	1	1	1	# of Cont			Р	araı	nete	ers			Code		nonareso						Chain of Custody
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-	+	-	_												s	NaOH+Ascorbic Acid: SAPC	Zn Acetate+NaOH: Zn	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>	NaHSO <sub>4</sub> : NABIS	H₃PO₄: HP	H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub>	HCL: HC	Cool: Cool	None: NO	P	Other:	T TRRP		☐Brownfields ☐RRC	Work Order Comments	Work Order No: ⊣ລ≲ລາລາ	
															Sample Comments	rbic Acid:	NaOH: Zn	SO <sub>3</sub>	BIS		NaC	HNO	MeC	DIV	Preservative Codes	ner:				ents	e13	
			Date/Time												ommen	SAPC	_				NaOH: Na	HNO3: HN	MeOH: Me	DI Water: H <sub>2</sub> O	tive Cod		☐ Level IV ☐		  -               		of	
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May 13, 2025

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: IGLOO FED PRODUCTION FACILITY

Enclosed are the results of analyses for samples received by the laboratory on 05/07/25 8:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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



### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 131 (1') (H252721-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.08	104	2.00	3.90	
Toluene*	<0.050	0.050	05/07/2025	ND	2.19	110	2.00	5.07	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.20	110	2.00	5.56	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	7.00	117	6.00	5.80	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/07/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	193	96.4	200	0.599	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	190	95.0	200	1.78	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	100	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	89.0	% 40.6-15	3						

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Celey D. Keine



### Analytical Results For:

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

Received: 05/07/2025 Reported:

05/13/2025 IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

## Sample ID: CS - 132 (1') (H252721-02)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	2.08	104	2.00	3.90	
Toluene*	<0.050	0.050	05/07/2025	ND	2.19	110	2.00	5.07	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	2.20	110	2.00	5.56	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	7.00	117	6.00	5.80	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2025	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	193	96.4	200	0.599	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	190	95.0	200	1.78	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	101 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	88.8	% 40.6-15	3						

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Celey D. Keene



### Analytical Results For:

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

Fax To:

Received: 05/07/2025 Reported:

Sampling Date: 05/02/2025 05/13/2025 Sampling Type: Soil

Project Name: Project Number: 2708

IGLOO FED PRODUCTION FACILITY Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Project Location: LEA COUNTY, NEW MEXICO

#### Sample ID: CS - 133 (1') (H252721-03)

BTEX 8021B

	9/	9	7						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.08	104	2.00	3.90	
Toluene*	<0.050	0.050	05/08/2025	ND	2.19	110	2.00	5.07	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.20	110	2.00	5.56	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	7.00	117	6.00	5.80	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	193	96.4	200	0.599	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	190	95.0	200	1.78	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	75.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	67.7	% 40.6-15	3						

Analyzed By: JH

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Celey D. Keene



### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

RTFY 8021R

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

## Sample ID: CS - 134 (1') (H252721-04)

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.08	104	2.00	3.90	
Toluene*	<0.050	0.050	05/08/2025	ND	2.19	110	2.00	5.07	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.20	110	2.00	5.56	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	7.00	117	6.00	5.80	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	193	96.4	200	0.599	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	190	95.0	200	1.78	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	75.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	65.1	% 40.6-15	3						

Applyzod By: 14

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Celey D. Keene



### Analytical Results For:

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

Received: 05/07/2025 Reported:

05/13/2025 IGLOO FED PRODUCTION FACILITY

Project Name: Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

## Sample ID: CS - 135 (1') (H252721-05)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.08	104	2.00	3.90	
Toluene*	<0.050	0.050	05/08/2025	ND	2.19	110	2.00	5.07	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.20	110	2.00	5.56	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	7.00	117	6.00	5.80	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	193	96.4	200	0.599	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	190	95.0	200	1.78	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	76.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	66.8	% 40.6-15	3						

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

05/13/2025
IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: CS - 136 (1') (H252721-06)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.08	104	2.00	3.90	
Toluene*	<0.050	0.050	05/08/2025	ND	2.19	110	2.00	5.07	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.20	110	2.00	5.56	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	7.00	117	6.00	5.80	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	193	96.4	200	0.599	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	190	95.0	200	1.78	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	78.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	68.9	% 40.6-15	3						

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

### Sample ID: CS - 137 (1') (H252721-07)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.08	104	2.00	3.90	
Toluene*	<0.050	0.050	05/08/2025	ND	2.19	110	2.00	5.07	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.20	110	2.00	5.56	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	7.00	117	6.00	5.80	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2025	ND	193	96.4	200	0.599	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	190	95.0	200	1.78	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					
Surrogate: 1-Chlorooctane	77.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	67.3	% 40.6-15	3						

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025 Sampling Date: 05/02/2025 Sampling Type: Soil

Project Name: IGLOO FED PRODUCTION FACILITY Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

## Sample ID: CS - 138 (1.5') (H252721-08)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.08	104	2.00	3.90	
Toluene*	<0.050	0.050	05/08/2025	ND	2.19	110	2.00	5.07	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.20	110	2.00	5.56	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	7.00	117	6.00	5.80	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2025	ND	193	96.4	200	0.599	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	190	95.0	200	1.78	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					
Surrogate: 1-Chlorooctane	78.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	68.0	% 40.6-15	3						

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

05/13/2025
IGLOO FED PRODUCTION FACILITY

Project Name: IGLO Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

mg/kg

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: CS - 139 (1.5') (H252721-09)

BTEX 8021B

DILX OUZID	ıııg,	Ng .	Allulyzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.08	104	2.00	3.90	
Toluene*	<0.050	0.050	05/08/2025	ND	2.19	110	2.00	5.07	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.20	110	2.00	5.56	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	7.00	117	6.00	5.80	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2025	ND	193	96.4	200	0.599	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	190	95.0	200	1.78	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					
Surrogate: 1-Chlorooctane	77.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	66.5	% 40.6-15.	3						

Analyzed By: JH

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

05/13/2025
IGLOO FED PRODUCTION FACILITY

Project Name: IGLO Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

## Sample ID: CS - 140 (1.5') (H252721-10)

RTFY 8021R

BIEX 8021B	тд/кд		Anaiyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.18	109	2.00	1.36	
Toluene*	<0.050	0.050	05/08/2025	ND	2.33	116	2.00	0.831	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.24	112	2.00	0.241	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.71	112	6.00	0.142	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2025	ND	193	96.4	200	0.599	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	190	95.0	200	1.78	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					
Surrogate: 1-Chlorooctane	80.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	69.8	% 40.6-15	3						

Applyzod By: 14

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Name: IGLO Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

### Sample ID: CS - 141 (1.5') (H252721-11)

RTFY 8021R

BIEX 8021B	тд/кд		Anaiyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.18	109	2.00	1.36	
Toluene*	<0.050	0.050	05/08/2025	ND	2.33	116	2.00	0.831	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.24	112	2.00	0.241	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.71	112	6.00	0.142	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2025	ND	193	96.4	200	0.599	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	190	95.0	200	1.78	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					
Surrogate: 1-Chlorooctane	76.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	66.0	% 40.6-15	3						

Applyzod By: 14

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### Analytical Results For:

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

Fax To:

Received: 05/07/2025 Reported:

05/13/2025 Sampling Type: IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025

Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

### Sample ID: CS - 142 (1.5') (H252721-12)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.18	109	2.00	1.36	
Toluene*	<0.050	0.050	05/08/2025	ND	2.33	116	2.00	0.831	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.24	112	2.00	0.241	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.71	112	6.00	0.142	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2025	ND	193	96.4	200	0.599	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	190	95.0	200	1.78	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					
Surrogate: 1-Chlorooctane	81.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	71.2	% 40.6-15	3						

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

RTFY 8021R

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

## Sample ID: CS - 143 (1.5') (H252721-13)

BIEX 8021B	тд/кд		Anaiyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.18	109	2.00	1.36	
Toluene*	<0.050	0.050	05/08/2025	ND	2.33	116	2.00	0.831	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.24	112	2.00	0.241	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.71	112	6.00	0.142	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	202	101	200	0.773	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	194	97.0	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	73.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	68.1	% 40.6-15	3						

Applyzod By: 14

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

05/13/2025
IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

RTFY 8021R

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

## Sample ID: CS - 144 (1.5') (H252721-14)

BIEX 8021B	тд/кд		Anaiyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.18	109	2.00	1.36	
Toluene*	<0.050	0.050	05/08/2025	ND	2.33	116	2.00	0.831	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.24	112	2.00	0.241	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.71	112	6.00	0.142	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	202	101	200	0.773	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	194	97.0	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	80.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	76.5	% 40.6-15	3						

Applyzod By: 14

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

05/13/2025
IGLOO FED PRODUCTION FACILITY

Project Name: IGLO Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

## Sample ID: CS - 145 (1.5') (H252721-15)

RTFY 8021R

BIEX 8021B	тд/кд		Anaiyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.18	109	2.00	1.36	
Toluene*	<0.050	0.050	05/08/2025	ND	2.33	116	2.00	0.831	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.24	112	2.00	0.241	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.71	112	6.00	0.142	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	202	101	200	0.773	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	194	97.0	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	81.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	75.7	% 40.6-15	3						

Applyzod By: 14

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### Analytical Results For:

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

Fax To:

Received: 05/07/2025 Reported:

05/13/2025 Sampling Type: Soil IGLOO FED PRODUCTION FACILITY

Applyzod By: 14

Sampling Date:

Project Name: Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

05/02/2025

Sample ID: CS - 146 (1.5') (H252721-16)

RTFY 8021R

BIEX 8021B	тд/кд		Anaiyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.18	109	2.00	1.36	
Toluene*	<0.050	0.050	05/08/2025	ND	2.33	116	2.00	0.831	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.24	112	2.00	0.241	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.71	112	6.00	0.142	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	202	101	200	0.773	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	194	97.0	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	81.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	76.2	% 40.6-15	3						

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### Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Name: Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

## Sample ID: CS - 147 (1.5') (H252721-17)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.18	109	2.00	1.36	
Toluene*	<0.050	0.050	05/08/2025	ND	2.33	116	2.00	0.831	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.24	112	2.00	0.241	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.71	112	6.00	0.142	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	202	101	200	0.773	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	194	97.0	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	78.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	72.8	% 40.6-15	3						

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05/02/2025

Soil

### Analytical Results For:

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

Fax To:

Received: 05/07/2025 Reported:

05/13/2025 Sampling Type: IGLOO FED PRODUCTION FACILITY Sampling Condition:

Sampling Date:

Project Name:

Cool & Intact Project Number: Sample Received By: 2708 Shalyn Rodriguez

Applyzod By: 14

Project Location: LEA COUNTY, NEW MEXICO

### Sample ID: CS - 148 (1.5') (H252721-18)

RTFY 8021R

BIEX 8021B	тд/кд		Anaiyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.18	109	2.00	1.36	
Toluene*	<0.050	0.050	05/08/2025	ND	2.33	116	2.00	0.831	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.24	112	2.00	0.241	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.71	112	6.00	0.142	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	202	101	200	0.773	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	194	97.0	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	75.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	70.2	% 40.6-15	3						

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### Analytical Results For:

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

Received: 05/07/2025 Reported:

05/13/2025 IGLOO FED PRODUCTION FACILITY

Project Name: Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

## Sample ID: CS - 149 (1.5') (H252721-19)

BTEX 8021B	mg/kg		Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.18	109	2.00	1.36	
Toluene*	<0.050	0.050	05/08/2025	ND	2.33	116	2.00	0.831	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.24	112	2.00	0.241	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.71	112	6.00	0.142	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	202	101	200	0.773	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	194	97.0	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	76.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	73.0	% 40.6-15	3						

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## Analytical Results For:

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

Received: 05/07/2025 Reported:

05/13/2025 IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

## Sample ID: CS - 150 (1.5') (H252721-20)

BTEX 8021B	mg/	/kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.18	109	2.00	1.36	
Toluene*	<0.050	0.050	05/08/2025	ND	2.33	116	2.00	0.831	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.24	112	2.00	0.241	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.71	112	6.00	0.142	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	202	101	200	0.773	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	194	97.0	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	70.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	64.8	% 40.6-15	3						

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## Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

05/13/2025 Sampling Type

Project Name: IGLOO FED PRODUCTION FACILITY
Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

## Sample ID: CS - 151 (1.5') (H252721-21)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.18	109	2.00	1.36	
Toluene*	<0.050	0.050	05/08/2025	ND	2.33	116	2.00	0.831	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.24	112	2.00	0.241	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.71	112	6.00	0.142	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	202	101	200	0.773	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	194	97.0	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	74.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	70.1	% 40.6-15	3						

Applyzod By: 14

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## Analytical Results For:

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

Received: 05/07/2025 Reported:

05/13/2025 IGLOO FED PRODUCTION FACILITY

Project Name: Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

## Sample ID: CS - 152 (1.5') (H252721-22)

BTEX 8021B	mg/	/kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.18	109	2.00	1.36	
Toluene*	<0.050	0.050	05/08/2025	ND	2.33	116	2.00	0.831	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.24	112	2.00	0.241	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.71	112	6.00	0.142	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	202	101	200	0.773	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	194	97.0	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	75.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	70.1	% 40.6-15	3						

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## Analytical Results For:

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

Received: 05/07/2025 Reported:

05/13/2025 Sampling Type: IGLOO FED PRODUCTION FACILITY

Project Name: Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

Soil Sampling Condition: Cool & Intact

Sampling Date:

Sample Received By:

Shalyn Rodriguez

05/02/2025

## Sample ID: CS - 153 (1.5') (H252721-23)

BTEX 8021B	mg/	/kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.18	109	2.00	1.36	
Toluene*	<0.050	0.050	05/08/2025	ND	2.33	116	2.00	0.831	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.24	112	2.00	0.241	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.71	112	6.00	0.142	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	202	101	200	0.773	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	194	97.0	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	70.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	67.0	% 40.6-15	3						

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## Analytical Results For:

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

Fax To:

Received: 05/07/2025 Reported:

05/13/2025 IGLOO FED PRODUCTION FACILITY Sampling Condition:

Project Name: Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025 Sampling Type: Soil Cool & Intact

Sample Received By:

Shalyn Rodriguez

## Sample ID: CS - 154 (1.5') (H252721-24)

BTEX 8021B	mg/	/kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.18	109	2.00	1.36	
Toluene*	<0.050	0.050	05/08/2025	ND	2.33	116	2.00	0.831	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.24	112	2.00	0.241	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.71	112	6.00	0.142	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	202	101	200	0.773	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	194	97.0	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	75.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	69.4	% 40.6-15	3						

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## Analytical Results For:

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

Fax To:

Received: 05/07/2025 Reported: 05/13/2025 Sampling Date: 05/02/2025 Sampling Type:

Project Name:

RTFY 8021R

IGLOO FED PRODUCTION FACILITY

Soil

Project Number: 2708 Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Project Location: LEA COUNTY, NEW MEXICO

Sample ID: CS - 155 (1.5') (H252721-25)

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.18	109	2.00	1.36	
Toluene*	<0.050	0.050	05/08/2025	ND	2.33	116	2.00	0.831	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.24	112	2.00	0.241	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.71	112	6.00	0.142	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/07/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	202	101	200	0.773	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	194	97.0	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	72.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	66.5	% 40.6-15	3						

Applyzod By: 14

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## Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Name: Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

## Sample ID: CS - 156 (1.5') (H252721-26)

BTEX 8021B	mg/	/kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.18	109	2.00	1.36	
Toluene*	<0.050	0.050	05/08/2025	ND	2.33	116	2.00	0.831	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.24	112	2.00	0.241	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.71	112	6.00	0.142	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	202	101	200	0.773	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	194	97.0	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	71.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	65.9	% 40.6-15	3						

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## Analytical Results For:

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

Received: 05/07/2025

05/13/2025
IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Reported:

RTFY 8021R

Project Name:

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

# Sample ID: CS - 157 (1.5') (H252721-27)

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.18	109	2.00	1.36	
Toluene*	<0.050	0.050	05/08/2025	ND	2.33	116	2.00	0.831	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.24	112	2.00	0.241	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.71	112	6.00	0.142	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/07/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	202	101	200	0.773	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	194	97.0	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	73.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	67.6	% 40.6-15	3						

Applyzod By: 14

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## Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

05/13/2025
IGLOO FED PRODUCTION FACILITY

Project Name: IGLO Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

## Sample ID: CS - 158 (1.5') (H252721-28)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.18	109	2.00	1.36	
Toluene*	<0.050	0.050	05/08/2025	ND	2.33	116	2.00	0.831	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.24	112	2.00	0.241	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.71	112	6.00	0.142	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/07/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	202	101	200	0.773	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	194	97.0	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	75.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	68.9	% 40.6-15	3						

Applyzod By: 14

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## Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

# Sample ID: CS - 159 (1.5') (H252721-29)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.18	109	2.00	1.36	
Toluene*	<0.050	0.050	05/08/2025	ND	2.33	116	2.00	0.831	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.24	112	2.00	0.241	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.71	112	6.00	0.142	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	202	101	200	0.773	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	194	97.0	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	77.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	71.4	% 40.6-15	3						

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## Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

05/13/2025
IGLOO FED PRODUCTION FACILITY

Project Name: IGLO Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

# Sample ID: CS - 160 (1.5') (H252721-30)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.10	105	2.00	1.62	
Toluene*	<0.050	0.050	05/08/2025	ND	2.17	109	2.00	1.75	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.17	109	2.00	0.922	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.45	107	6.00	0.694	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	202	101	200	0.773	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	194	97.0	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	77.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	71.6	% 40.6-15	3						

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## Analytical Results For:

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

Fax To:

Received: 05/07/2025 Reported:

05/13/2025 IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

# Sample ID: CS - 161 (1.5') (H252721-31)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.10	105	2.00	1.62	
Toluene*	<0.050	0.050	05/08/2025	ND	2.17	109	2.00	1.75	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.17	109	2.00	0.922	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.45	107	6.00	0.694	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	202	101	200	0.773	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	194	97.0	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	79.9	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	74.2	% 40.6-15	3						

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Celey D. Keene



## Analytical Results For:

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

Received: 05/07/2025 Sampling Date: 05/02/2025

Reported: 05/13/2025 Project Name: IGLOO FED PRODUCTION FACILITY Sampling Type: Soil

Project Number: 2708 Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Project Location: LEA COUNTY, NEW MEXICO

Sample ID: CS - 162 (1.5') (H252721-32)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.10	105	2.00	1.62	
Toluene*	<0.050	0.050	05/08/2025	ND	2.17	109	2.00	1.75	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.17	109	2.00	0.922	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.45	107	6.00	0.694	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	202	101	200	0.773	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	194	97.0	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	74.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	67.6	% 40.6-15	3						

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05/02/2025

## Analytical Results For:

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

Fax To:

Received: 05/07/2025 Reported:

05/13/2025 Sampling Type: Soil IGLOO FED PRODUCTION FACILITY Sampling Condition: Cool & Intact

Sampling Date:

Project Name:

Project Number: 2708 Sample Received By: Shalyn Rodriguez

Project Location: LEA COUNTY, NEW MEXICO

## Sample ID: CS - 163 (1.5') (H252721-33)

BTEX 8021B	mg,	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.10	105	2.00	1.62	
Toluene*	<0.050	0.050	05/08/2025	ND	2.17	109	2.00	1.75	
Ethylbenzene*	< 0.050	0.050	05/08/2025	ND	2.17	109	2.00	0.922	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.45	107	6.00	0.694	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	201	100	200	1.75	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	189	94.7	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	81.6	% 44.4-14	75						
Surrogate: 1-Chlorooctadecane	77.9	% 40.6-15	3						

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## Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

05/13/2025
IGLOO FED PRODUCTION FACILITY

Project Name: IGLO Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

## Sample ID: CS - 164 (1.5') (H252721-34)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.10	105	2.00	1.62	
Toluene*	<0.050	0.050	05/08/2025	ND	2.17	109	2.00	1.75	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.17	109	2.00	0.922	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.45	107	6.00	0.694	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	201	100	200	1.75	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	189	94.7	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	84.5	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	77.7	% 40.6-15	3						

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## Analytical Results For:

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

Fax To:

Received: 05/07/2025 Reported:

05/13/2025 IGLOO FED PRODUCTION FACILITY

Project Name: Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

## Sample ID: CS - 165 (1.5') (H252721-35)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.10	105	2.00	1.62	
Toluene*	<0.050	0.050	05/08/2025	ND	2.17	109	2.00	1.75	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.17	109	2.00	0.922	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.45	107	6.00	0.694	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	201	100	200	1.75	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	189	94.7	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	86.0	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	80.8	% 40.6-15	3						

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## Analytical Results For:

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

Fax To:

Received: 05/07/2025 Sampling Date: 05/02/2025 Sampling Type: Soil

Reported: 05/13/2025 Project Name: IGLOO FED PRODUCTION FACILITY

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

Sample ID: CS - 166 (1.5') (H252721-36)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.10	105	2.00	1.62	
Toluene*	<0.050	0.050	05/08/2025	ND	2.17	109	2.00	1.75	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.17	109	2.00	0.922	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.45	107	6.00	0.694	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	201	100	200	1.75	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	189	94.7	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	82.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	78.9	% 40.6-15	3						

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## Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

# Sample ID: CS - 167 (1.5') (H252721-37)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.10	105	2.00	1.62	
Toluene*	<0.050	0.050	05/08/2025	ND	2.17	109	2.00	1.75	
Ethylbenzene*	< 0.050	0.050	05/08/2025	ND	2.17	109	2.00	0.922	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.45	107	6.00	0.694	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	201	100	200	1.75	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	189	94.7	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	86.5	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	80.5	% 40.6-15	3						

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## Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

05/13/2025
IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

## Sample ID: CS - 168 (1.5') (H252721-38)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.10	105	2.00	1.62	
Toluene*	<0.050	0.050	05/08/2025	ND	2.17	109	2.00	1.75	
Ethylbenzene*	< 0.050	0.050	05/08/2025	ND	2.17	109	2.00	0.922	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.45	107	6.00	0.694	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	201	100	200	1.75	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	189	94.7	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	84.4	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	79.3	% 40.6-15	3						

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05/02/2025

Cool & Intact

Soil

## Analytical Results For:

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

Received: 05/07/2025 Reported:

05/13/2025 Sampling Type: Sampling Condition:

Sampling Date:

Project Name: IGLOO FED PRODUCTION FACILITY

Project Number: 2708 Sample Received By: Shalyn Rodriguez Project Location: LEA COUNTY, NEW MEXICO

## Sample ID: CS - 169 (1.5') (H252721-39)

BTEX 8021B	mg/	/kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.10	105	2.00	1.62	
Toluene*	<0.050	0.050	05/08/2025	ND	2.17	109	2.00	1.75	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.17	109	2.00	0.922	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.45	107	6.00	0.694	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	201	100	200	1.75	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	189	94.7	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	84.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	78.7	% 40.6-15	3						

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Celey D. Keene



## Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

# Sample ID: CS - 170 (1.5') (H252721-40)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.10	105	2.00	1.62	
Toluene*	<0.050	0.050	05/08/2025	ND	2.17	109	2.00	1.75	
Ethylbenzene*	< 0.050	0.050	05/08/2025	ND	2.17	109	2.00	0.922	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.45	107	6.00	0.694	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	201	100	200	1.75	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	189	94.7	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	81.4	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	76.6	% 40.6-15	3						

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Celey D. Keene



## Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

## Sample ID: SW - 1 (1.5') (H252721-41)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.10	105	2.00	1.62	
Toluene*	<0.050	0.050	05/08/2025	ND	2.17	109	2.00	1.75	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.17	109	2.00	0.922	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.45	107	6.00	0.694	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2025	ND	201	100	200	1.75	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	189	94.7	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					
Surrogate: 1-Chlorooctane	83.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	78.8	% 40.6-15	3						

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## Analytical Results For:

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

Fax To:

Received: 05/07/2025 Reported:

05/13/2025 IGLOO FED PRODUCTION FACILITY

Sampling Date:

Sample Received By:

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO Sampling Type: Soil Sampling Condition: Cool & Intact

Shalyn Rodriguez

05/02/2025

## Sample ID: SW - 2 (1.5') (H252721-42)

BTEX 8021B	mg,	/kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.10	105	2.00	1.62	
Toluene*	<0.050	0.050	05/08/2025	ND	2.17	109	2.00	1.75	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.17	109	2.00	0.922	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.45	107	6.00	0.694	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 :	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2025	ND	201	100	200	1.75	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	189	94.7	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					
Surrogate: 1-Chlorooctane	83.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	77.2	% 40.6-15	3						

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Celey D. Keene



## Analytical Results For:

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

Fax To:

Received: 05/07/2025 Reported:

Sampling Date: 05/02/2025 05/13/2025 Sampling Type: Soil

Project Name: IGLOO FED PRODUCTION FACILITY Project Number: 2708

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Project Location: LEA COUNTY, NEW MEXICO

Sample ID: SW - 3 (1.5') (H252721-43)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.10	105	2.00	1.62	
Toluene*	<0.050	0.050	05/08/2025	ND	2.17	109	2.00	1.75	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.17	109	2.00	0.922	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.45	107	6.00	0.694	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/08/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2025	ND	201	100	200	1.75	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	189	94.7	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					
Surrogate: 1-Chlorooctane	83.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	80.5	% 40.6-15	3						

Analyzed By: JH

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## Analytical Results For:

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

Received: 05/07/2025 Reported:

Sampling Date: 05/02/2025 05/13/2025 Sampling Type: Soil

Project Name:

IGLOO FED PRODUCTION FACILITY Sampling Condition: Cool & Intact Project Number: 2708 Sample Received By: Shalyn Rodriguez

Project Location: LEA COUNTY, NEW MEXICO

## Sample ID: SW - 4 (0.5') (H252721-44)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.10	105	2.00	1.62	
Toluene*	<0.050	0.050	05/08/2025	ND	2.17	109	2.00	1.75	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.17	109	2.00	0.922	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.45	107	6.00	0.694	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/08/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2025	ND	201	100	200	1.75	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	189	94.7	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					
Surrogate: 1-Chlorooctane	85.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	80.4	% 40.6-15	3						

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## Analytical Results For:

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

Received: 05/07/2025 Reported:

05/13/2025 IGLOO FED PRODUCTION FACILITY

Project Name: Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

## Sample ID: SW - 5 (1') (H252721-45)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.10	105	2.00	1.62	
Toluene*	<0.050	0.050	05/08/2025	ND	2.17	109	2.00	1.75	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.17	109	2.00	0.922	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.45	107	6.00	0.694	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/08/2025	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2025	ND	201	100	200	1.75	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	189	94.7	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					
Surrogate: 1-Chlorooctane	82.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	77.6	% 40.6-15	3						

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## Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

# Sample ID: SW - 6 (1') (H252721-46)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.10	105	2.00	1.62	
Toluene*	<0.050	0.050	05/08/2025	ND	2.17	109	2.00	1.75	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.17	109	2.00	0.922	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.45	107	6.00	0.694	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/08/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2025	ND	201	100	200	1.75	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	189	94.7	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					
Surrogate: 1-Chlorooctane	82.5	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	77.5	% 40.6-15	3						

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## Analytical Results For:

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

Received: 05/07/2025 Reported:

05/13/2025 IGLOO FED PRODUCTION FACILITY

Project Name: Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

# Sample ID: SW - 7 (1') (H252721-47)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.10	105	2.00	1.62	
Toluene*	<0.050	0.050	05/08/2025	ND	2.17	109	2.00	1.75	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.17	109	2.00	0.922	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.45	107	6.00	0.694	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/08/2025	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2025	ND	201	100	200	1.75	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	189	94.7	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					
Surrogate: 1-Chlorooctane	82.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	78.0	% 40.6-15	3						

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Celey D. Keene



## Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

## Sample ID: SW - 8 (1') (H252721-48)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.10	105	2.00	1.62	
Toluene*	<0.050	0.050	05/08/2025	ND	2.17	109	2.00	1.75	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.17	109	2.00	0.922	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.45	107	6.00	0.694	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/08/2025	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2025	ND	201	100	200	1.75	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	189	94.7	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					
Surrogate: 1-Chlorooctane	78.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	73.9	% 40.6-15	3						

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Celey D. Keene



## Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

# Sample ID: SW - 9 (1') (H252721-49)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.10	105	2.00	1.62	
Toluene*	<0.050	0.050	05/08/2025	ND	2.17	109	2.00	1.75	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.17	109	2.00	0.922	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.45	107	6.00	0.694	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/08/2025	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2025	ND	201	100	200	1.75	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	189	94.7	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					
Surrogate: 1-Chlorooctane	83.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	78.2	% 40.6-15	3						

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## Analytical Results For:

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

05/07/2025 05/13/2025

Project Name: IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Received:

Reported:

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

## Sample ID: SW - 10 (1') (H252721-50)

BTEX 8021B	mg/	/kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.03	102	2.00	2.89	
Toluene*	<0.050	0.050	05/08/2025	ND	2.14	107	2.00	2.63	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.13	106	2.00	2.30	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.71	112	6.00	2.20	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/08/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2025	ND	201	100	200	1.75	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	189	94.7	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					
Surrogate: 1-Chlorooctane	83.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	78.2	% 40.6-15	3						

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## Analytical Results For:

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

Fax To:

Received: 05/07/2025 Reported:

05/13/2025 Sampling Type: IGLOO FED PRODUCTION FACILITY

Applyzod By: 14

Sampling Date:

Project Name: Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

Soil Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

05/02/2025

Sample ID: SW - 11 (1') (H252721-51)

RTFY 8021R

BIEX 8021B	mg/	кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.03	102	2.00	2.89	
Toluene*	<0.050	0.050	05/08/2025	ND	2.14	107	2.00	2.63	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.13	106	2.00	2.30	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.71	112	6.00	2.20	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/08/2025	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2025	ND	201	100	200	1.75	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	189	94.7	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					
Surrogate: 1-Chlorooctane	75.9	% 44.4-14.	5						
Surrogate: 1-Chlorooctadecane	71.3	% 40.6-15.	3						

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## Analytical Results For:

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

Received: 05/07/2025 Reported:

05/13/2025 IGLOO FED PRODUCTION FACILITY

Project Name: Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

## Sample ID: SW - 12 (1') (H252721-52)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.03	102	2.00	2.89	
Toluene*	<0.050	0.050	05/08/2025	ND	2.14	107	2.00	2.63	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.13	106	2.00	2.30	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.71	112	6.00	2.20	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/08/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2025	ND	201	100	200	1.75	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	189	94.7	200	3.03	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					
Surrogate: 1-Chlorooctane	86.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	82.4	% 40.6-15	3						

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## Analytical Results For:

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

Fax To:

Received: 05/07/2025 Reported:

Sampling Date: 05/02/2025 05/13/2025 Sampling Type: Soil

Project Name: IGLOO FED PRODUCTION FACILITY Project Number: 2708

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Project Location: LEA COUNTY, NEW MEXICO

## Sample ID: SW - 13 (1.5') (H252721-53)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.03	102	2.00	2.89	
Toluene*	<0.050	0.050	05/08/2025	ND	2.14	107	2.00	2.63	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.13	106	2.00	2.30	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.71	112	6.00	2.20	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/08/2025	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	189	94.4	200	4.06	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	197	98.5	200	3.69	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	81.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	76.6	% 40.6-15	3						

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## Analytical Results For:

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

Received: 05/07/2025 Reported:

05/13/2025 IGLOO FED PRODUCTION FACILITY

Project Name: Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

## Sample ID: SW - 14 (0.5') (H252721-54)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.03	102	2.00	2.89	
Toluene*	<0.050	0.050	05/08/2025	ND	2.14	107	2.00	2.63	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.13	106	2.00	2.30	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.71	112	6.00	2.20	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 %	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/08/2025	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	189	94.4	200	4.06	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	197	98.5	200	3.69	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	81.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	75.6	% 40.6-15	3						

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## Analytical Results For:

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

Fax To:

Received: 05/07/2025 Reported:

05/13/2025 Sampling Type:

Project Name: IGLOO FED PRODUCTION FACILITY Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025 Soil

Sampling Condition:

Sample Received By:

Cool & Intact Shalyn Rodriguez

## Sample ID: SW - 15 (0.5') (H252721-55)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.03	102	2.00	2.89	
Toluene*	<0.050	0.050	05/08/2025	ND	2.14	107	2.00	2.63	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.13	106	2.00	2.30	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.71	112	6.00	2.20	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/08/2025	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	189	94.4	200	4.06	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	197	98.5	200	3.69	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	85.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	79.3	% 40.6-15	3						

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Cool & Intact

# Analytical Results For:

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

Fax To:

Received: 05/07/2025 Reported:

Sampling Date: 05/02/2025 05/13/2025 Sampling Type: Soil

Sampling Condition:

Project Name: IGLOO FED PRODUCTION FACILITY

Project Number: 2708 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: LEA COUNTY, NEW MEXICO

Sample ID: SW - 16 (1.5') (H252721-56)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.03	102	2.00	2.89	
Toluene*	<0.050	0.050	05/08/2025	ND	2.14	107	2.00	2.63	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.13	106	2.00	2.30	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.71	112	6.00	2.20	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/08/2025	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2025	ND	189	94.4	200	4.06	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	197	98.5	200	3.69	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					
Surrogate: 1-Chlorooctane	81.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	75.7	% 40.6-15	3						

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# Analytical Results For:

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

Fax To:

Received: 05/07/2025 Reported:

05/13/2025 Sampling Type: Soil IGLOO FED PRODUCTION FACILITY Sampling Condition:

Project Name: Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025

Sample Received By:

Cool & Intact Shalyn Rodriguez

# Sample ID: SW - 17 (3') (H252721-57)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.03	102	2.00	2.89	
Toluene*	<0.050	0.050	05/08/2025	ND	2.14	107	2.00	2.63	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.13	106	2.00	2.30	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.71	112	6.00	2.20	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/08/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2025	ND	189	94.4	200	4.06	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	197	98.5	200	3.69	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					
Surrogate: 1-Chlorooctane	84.7	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	78.6	% 40.6-15	3						

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# Analytical Results For:

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

Fax To:

Received: 05/07/2025 Reported:

05/13/2025 IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

# Sample ID: SW - 18 (3') (H252721-58)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.03	102	2.00	2.89	
Toluene*	<0.050	0.050	05/08/2025	ND	2.14	107	2.00	2.63	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.13	106	2.00	2.30	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.71	112	6.00	2.20	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/08/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2025	ND	189	94.4	200	4.06	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	197	98.5	200	3.69	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					
Surrogate: 1-Chlorooctane	75.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	70.3	% 40.6-15	3						

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05/02/2025

# Analytical Results For:

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

Fax To:

Received: 05/07/2025 Reported:

05/13/2025 Sampling Type: Soil IGLOO FED PRODUCTION FACILITY

Project Name: Project Number: 2708 Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Sampling Date:

Project Location: LEA COUNTY, NEW MEXICO

Sample ID: SW - 19 (3') (H252721-59)

BTEX 8021B

DILX OUZID	11197	ng .	Andryzo	u by. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.03	102	2.00	2.89	
Toluene*	< 0.050	0.050	05/08/2025	ND	2.14	107	2.00	2.63	
Ethylbenzene*	< 0.050	0.050	05/08/2025	ND	2.13	106	2.00	2.30	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.71	112	6.00	2.20	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/08/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2025	ND	189	94.4	200	4.06	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	197	98.5	200	3.69	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					
Surrogate: 1-Chlorooctane	84.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	77.8	% 40.6-15	3						

Analyzed By: JH

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# Analytical Results For:

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

Received: 05/07/2025

Sampling Date: Sampling Type:

Reported: 05/13/2025 Project Name: IGLOO FED PRODUCTION FACILITY

Sampling Condition: Cool & Intact Shalyn Rodriguez Sample Received By:

05/02/2025

Soil

Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

Sample ID: SW - 20 (3') (H252721-60)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.03	102	2.00	2.89	
Toluene*	<0.050	0.050	05/08/2025	ND	2.14	107	2.00	2.63	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.13	106	2.00	2.30	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.71	112	6.00	2.20	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/08/2025	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2025	ND	189	94.4	200	4.06	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	197	98.5	200	3.69	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					
Surrogate: 1-Chlorooctane	78.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	73.1	% 40.6-15	3						

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# Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

# Sample ID: SW - 21 (3') (H252721-61)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.03	102	2.00	2.89	
Toluene*	<0.050	0.050	05/08/2025	ND	2.14	107	2.00	2.63	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.13	106	2.00	2.30	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.71	112	6.00	2.20	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/08/2025	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2025	ND	189	94.4	200	4.06	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	197	98.5	200	3.69	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					
Surrogate: 1-Chlorooctane	82.9	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	77.3	% 40.6-15	3						

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# Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Name: Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

# Sample ID: SW - 22 (2') (H252721-62)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.03	102	2.00	2.89	
Toluene*	<0.050	0.050	05/08/2025	ND	2.14	107	2.00	2.63	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.13	106	2.00	2.30	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.71	112	6.00	2.20	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/08/2025	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2025	ND	189	94.4	200	4.06	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	197	98.5	200	3.69	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					
Surrogate: 1-Chlorooctane	84.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	77.7	% 40.6-15	3						

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# Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

RTFY 8021R

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

# Sample ID: SW - 23 (1') (H252721-63)

B1EX 8021B	mg/	кg	Апануге	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.03	102	2.00	2.89	
Toluene*	<0.050	0.050	05/08/2025	ND	2.14	107	2.00	2.63	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.13	106	2.00	2.30	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.71	112	6.00	2.20	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/08/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2025	ND	189	94.4	200	4.06	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	197	98.5	200	3.69	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					
Surrogate: 1-Chlorooctane	78.5	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	73.2	% 40.6-15	3						

Applyzod By: 14

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# Analytical Results For:

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

Received: 05/07/2025 Reported:

Sampling Date: 05/02/2025 05/13/2025 Sampling Type: Soil

Project Name: IGLOO FED PRODUCTION FACILITY Project Number: 2708

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Project Location: LEA COUNTY, NEW MEXICO

Sample ID: SW - 24 (1.5') (H252721-64)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.03	102	2.00	2.89	
Toluene*	<0.050	0.050	05/08/2025	ND	2.14	107	2.00	2.63	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.13	106	2.00	2.30	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.71	112	6.00	2.20	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 %	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/08/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2025	ND	189	94.4	200	4.06	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	197	98.5	200	3.69	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					
Surrogate: 1-Chlorooctane	80.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	73.8	% 40.6-15	3						

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# Analytical Results For:

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

Received: 05/07/2025 Reported:

05/13/2025 IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

# Sample ID: SW - 25 (1.5') (H252721-65)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.03	102	2.00	2.89	
Toluene*	<0.050	0.050	05/08/2025	ND	2.14	107	2.00	2.63	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.13	106	2.00	2.30	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.71	112	6.00	2.20	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/08/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2025	ND	189	94.4	200	4.06	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	197	98.5	200	3.69	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					
Surrogate: 1-Chlorooctane	85.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	78.7	% 40.6-15	3						

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# Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

RTFY 8021R

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

# Sample ID: SW - 26 (1.5') (H252721-66)

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.03	102	2.00	2.89	
Toluene*	<0.050	0.050	05/08/2025	ND	2.14	107	2.00	2.63	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.13	106	2.00	2.30	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.71	112	6.00	2.20	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/08/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2025	ND	189	94.4	200	4.06	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	197	98.5	200	3.69	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					
Surrogate: 1-Chlorooctane	80.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	74.7	% 40.6-15	3						

Applyzod By: 14

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# Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

Project Name: IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

# Sample ID: SW - 27 (1.5') (H252721-67)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.03	102	2.00	2.89	
Toluene*	< 0.050	0.050	05/08/2025	ND	2.14	107	2.00	2.63	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.13	106	2.00	2.30	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.71	112	6.00	2.20	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 %	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/08/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2025	ND	189	94.4	200	4.06	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	197	98.5	200	3.69	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					
Surrogate: 1-Chlorooctane	82.4 9	6 44.4-14	5						
Surrogate: 1-Chlorooctadecane	76.5 9	% 40.6-15	3						

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# Analytical Results For:

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

Fax To:

Received: 05/07/2025 Reported:

05/13/2025 Sampling Type: IGLOO FED PRODUCTION FACILITY

Analyzed By: JH

Sampling Date:

Project Name: Project Number: 2708

Project Location: LEA COUNTY, NEW MEXICO

mg/kg

73.2 %

40.6-153

Soil Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

05/02/2025

Sample ID: SW - 28 (0.5') (H252721-68)

BTEX 8021B

	91	9	,						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.03	102	2.00	2.89	
Toluene*	<0.050	0.050	05/08/2025	ND	2.14	107	2.00	2.63	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.13	106	2.00	2.30	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.71	112	6.00	2.20	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/08/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
		-13	•						
GRO C6-C10*	<10.0	10.0	05/08/2025	ND	189	94.4	200	4.06	
GRO C6-C10* DRO >C10-C28*		, ,	05/08/2025 05/08/2025	ND ND	189 197	94.4 98.5	200	4.06 3.69	
	<10.0	10.0							

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Surrogate: 1-Chlorooctadecane



# Analytical Results For:

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

Fax To:

Received: 05/07/2025 Reported:

05/13/2025 IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

RTFY 8021R

Project Location: LEA COUNTY, NEW MEXICO Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

# Sample ID: SW - 29 (1') (H252721-69)

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.03	102	2.00	2.89	
Toluene*	<0.050	0.050	05/08/2025	ND	2.14	107	2.00	2.63	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.13	106	2.00	2.30	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.71	112	6.00	2.20	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/08/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2025	ND	189	94.4	200	4.06	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	197	98.5	200	3.69	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					
Surrogate: 1-Chlorooctane	78.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	72.5	% 40.6-15	3						

Applyzod By: 14

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# Analytical Results For:

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

Received: 05/07/2025 Reported: 05/13/2025

05/13/2025
IGLOO FED PRODUCTION FACILITY

Project Number: 2708

Project Name:

Project Location: LEA COUNTY, NEW MEXICO

Sampling Date: 05/02/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

# Sample ID: SW - 30 (1') (H252721-70)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2025	ND	2.10	105	2.00	0.582	
Toluene*	<0.050	0.050	05/08/2025	ND	2.06	103	2.00	0.826	
Ethylbenzene*	<0.050	0.050	05/08/2025	ND	2.04	102	2.00	0.00892	
Total Xylenes*	<0.150	0.150	05/08/2025	ND	6.35	106	6.00	0.0723	
Total BTEX	<0.300	0.300	05/08/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/08/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2025	ND	189	94.4	200	4.06	
DRO >C10-C28*	<10.0	10.0	05/08/2025	ND	197	98.5	200	3.69	
EXT DRO >C28-C36	<10.0	10.0	05/08/2025	ND					
Surrogate: 1-Chlorooctane	79.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	72.1	% 40.6-15	3						

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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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Datei iine	Received by: (Signature)	Shah	pg4S	Date/Time	14/9			y: (Signature)	Relinquished by: (Signature)	and last	
				w .							Comments:
			×	×	_	Comp	×		5/2/2025	CS-140 (1.5')	10 cs-1
			+	+		Comp	×		5/2/2025	CS-139 (1.5')	
			+	+	_	Comp	×		5/2/2025	CS-138 (1.5')	8 cs-1:
>>			×	×	_	Comp	×		5/2/2025	CS-137 (1")	
			+	×	_	Comp	×		5/2/2025	CS-136 (1')	
			×	×	_	Comp	×		5/2/2025	CS-135 (1')	
			×	×	_	Comp	×		5/2/2025	CS-134 (1')	
			+	×	_	Comp	×		5/2/2025	CS-133 (1')	3 cs-1
			×	×	_	Comp	×		5/2/2025	CS-132 (1')	CS-1
			+	+	_	Comp	×		5/2/2025	CS-131 (1')	) CS-1
Sample Comments				TF	# of Cont	Water Comp	_	Time	Date	Sample Identification	Sample Id
				т 80		, h.h	ature:	Corrected Temperature:			Total Containers:
NaOH+Ascorbic Acid: SAPC			_			4.1.	ding:	Temperature Reading:	No N/A	eals: Yes	Sample Custody Seals:
Zn Acetate+NaOH: Zn			_	_		10.00		Correction Factor:	No NA		Cooler Custody Seals:
Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>			_	_	Par	5		I nermometer ID:	es No		Received Intact:
NaHSO <sub>4</sub> : NABIS			e 450	021B 0 + DF	ame	Yes No	Wet Ice:	Yes (No	Blank:		SAMPLE RECEIPT
U					ters						PO #:
H-SO.: H- NaOH: Na				MR					JDC/IR		Sampler's Name:
<u>~</u>				0)		Standard TAT	Due Date: S	/	Lea County, New Mexico	Lea	Project Location
			ļ	-	Code	□ Rush	☑ Routine □	ig.	2708		Project Number:
Prese		ANALYSIS REQUEST			Drac	ound	Turn Around	acility	Igloo Fed Production Facility	Igloo	Project Name:
1	Deliverables: EDD L		m	urces.co	ionaresoi	Email: cmoehring@carmonaresources.com	Email: cm		23	(432) 813-6823	Phone:
Other.	Reporting:Level   Level   Leve					City, State ZIP:	Cit		9701	Midland, TX 79701	City, State ZIP:
WIST TRRP   Level IV	oration could be better					Address:	Ad		t Ste 500	310 W Wall St Ste 500	Address:
nfields	Program: UST/PST PRP Brownfields RRC					Company Name:	Co		ources	Carmona Resources	Company Name:
S	Work Or		Carmona Resources	armona F	C	Bill to: (if different)	Bill		ring	Conner Moehring	Project Manager:
14 of20											
73 of	Work Order No:										SC Z
			,								
			Chain of Custody	Cus	in of	Cha					

Relinquished by: (Signature)	Comments:	SIZIZIZI	5/2/2025	5/2/2025	5/2/2025	CS-145 (1.5') 5/2/2025	CS-144 (1.5') 5/2/2025	5/2/2025	CS-142 (1.5') 5/2/2025	CS-141 (1.5') 5/2/2025	Sample Identification Date Time Soil	Total Containers: Corrected Temperature:	Sample Custody Seals: Yes (No) N/A Temperature Reading:	Cooler Custody Seals: Yes N/A Correction Factor:	Received Intact: No Thermometer ID:	SAMPLE RECEIPT Jemp Blank: Yes No Wet loe:	PO #:	JDC/IR	Project Location Lea County, New Mexico Due Date:	Project Number: 2708	Project Name: Igloo Fed Production Facility	Phone: (432) 813-6823	City, State ZIP: Midland, TX 79701	Address: 310 W Wall St Ste 500	Company Name: Carmona Resources	Project Manager: Conner Moehring	
	Comp		X Comp	-		X Comp	X Comp	X Comp		X Comp	oil Water Comp	4.4	4.1.	50.00	Ohi	(Y	)		ite: Standard TAT	le □ Rush	Turn Around	Email: cmoehring@carmonaresources.com	City, State ZIP:	Address:	Company Name:	Bill to: (if different)	
14/5	mp 1		np 1	T	T	np 1	np 1	np 1	np 1	np 1	b/ # of np Cont			P	ara	mete	rs			Code	,	armonareso			M		
Date/Time	×	+	× ×	+	+	×	×	×	×	×	TP	H 80		BTEX		21B + DRO	) + 1	MRO	)			urces.co				Carmona Resources	
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		+	+	+	+	-		H	$\vdash$	_		_	_	_								ADa	Reporting:Level III Level III LPST/UST	)	P Brow	Work C	
					T						San	NaOH+Ascorbic Acid: SAPC	Zn Acetate+NaOH: Zn	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>	NaHSO <sub>4</sub> : NABIS	H₃PO₄: HP	H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub>	HCL: HC	Cool: Cool	None: NO	Pres	ADaPT LI Other:		)	Program: UST/PST ☐PRP ☐Brownfields ☐RRC	Work Order Comments	Page_
Date/Time		35,76	1		3				×		Sample Comments	ic Acid: SAPC	OH: Zn	3	· m	)	NaOH: Na	HNO <sub>3</sub> : HN	МеОН: Ме	DI Water: H <sub>2</sub> O	Preservative Codes		Level IV		uperfund	S	
																										Г	Page 74

Comment Manager   Commet Manager   Com		Received by: (Signature)	Shodni	me XUS	Date/Time	14/5			y: (Signature)	Relinquished by: (Signature)	hos	
Commer Moethring							7					Comments:
Commer Moehring				╟		1	Comp	×		5/2/2025	30 (1.5')	
Cammona Resources					1	-	Comp	×		5/2/2025	59 (1.5')	
Conner Moehring				+	+	1	Comp	×		5/2/2025	58 (1.5')	
Connert Mochtring				+	+	_	Comp	×		5/2/2025	57 (1.5')	
Conner Moehring				$\vdash$	$\vdash$	1	Comp	×		5/2/2025	56 (1.5')	
Commor Moching   Comm				$\vdash$	$\vdash$		Comp	×		5/2/2025	55 (1.5')	_
Conner Moehring				$\vdash$	$\vdash$		Comp	×		5/2/2025	34 (5.5')	
Conner Moehring				$\vdash$	$\vdash$		Comp	×		5/2/2025	3 (1.5')	
Conner Moehring   Carmona Resources				+	$\vdash$		Comp	×		5/2/2025	52 (1.5')	
Conner Moehring				+	+	Г	Comp	×		5/2/2025	1 (1.5')	
Conner Moehring   Conner Mo	Sample Comments			"			_	Soil	Time	Date	entification	Sample Id
Conner Moehring	NaOn+Ascorbic			H 80			4,4	rature:	Corrected Tempe	(		otal Containers:
Carmona Resources   Sill to: (if different)   Carmona Resources    No OH+ Assorbio			_				ding:	Temperature Rea	N/A	H	sample Custody S	
Conner Moehring	Zn Acetate+Nac					F	たらい		Correction Factor	NA	+	Cooler Custody Se
Conner Moehring	Narioo4. Naso			_		Para	040		Thermometer ID:	No	\ \ \	Received Intact:
Conner Moehring	H <sub>3</sub> PO <sub>4</sub> : HP					met		Wet Ice:	Yes (No)			AMPLE REC
Conner Moehring	H <sub>2</sub> SU <sub>4</sub> : H <sub>2</sub>				0+	ers			}			0#:
Conner Moehring	HCL: HC			MIRC	MP					JDC/IR		ampler's Name:
Conner Moehring	Cool: Cool						Standard TAT	Due Date:		County, New Me	Lea	roject Location
Pa    Conner Moehring	None: NO			F	-	Code	□ Rush	∃ Routine		2708		roject Number:
Manager:     Conner Moehring     Bill to: (if different)     Carmona Resources     Work Order Commona Resources       ny Name:     Carmona Resources     Company Name:     Company Name:     Program: UST/PST □ PRP □ Brownfields □ State of Project:       nte ZIP:     Midland, TX 79701     City, State ZIP:     City, State ZIP:     Reporting: Level III □ Level III □ PST/UST □ Total Company Name:       (432) 813-6823     Email: cmoehring@carmonaresources.com     Deliverables: EDD □ ADaPT□ (Company Name: Deliverables: EDD □ ADaPT□ (Com	Pres	EQUEST	ANALYSIS R			Dros	round	Turn /	acility	ed Production F	Igloo F	roject Name:
Program: UST/PST   PRF Carmona Resources   Company Name:   State of Project:   Midland, TX 79701   City, State ZIP:   Carmona Resources   Carmona Resources   Program: UST/PST   PRF		Deliverables: EDD		òm	ources.c	monares	cmoehring@car	Email:		3	(432) 813-682	hone:
anager: Conner Moehring  Bill to: (if different)  Carmona Resources  Carmona Resources  Carmona Resources  Company Name:  310 W Wall St Ste 500  Address:  Carmona Resources  Company Name:  Address:  Carmona Resources  Program: UST/PST □ PRF		Neboland-rever ii Crever					City, State ZIP:			9701	Midland, TX 79	ity, State ZIP:
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Conner Moehring Bill to: (if different) Carmona Resources	Brownfields   RRC	Program: UST/PST LIPRP					Company Name:			ources	Carmona Reso	ompany Name:
Page	Work Order Comment			Resources	Carmona		3ill to: (if different)			ng	Conner Moehr	roject Manager:
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Sample Comments			+	_	Cont	Water Comp	_	Time	Date	Sample Identification	Sample lo
				DU 0		74.4	rature:	Corrected Temperature:			Total Containers:
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laSO <sub>3</sub>	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> ; NaSO <sub>3</sub>				Par	200		Thermometer ID:	6		Received Intact:
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	H,PO.: HP				ters						PO #:
NaOH: Na	H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub>			MR					JDC/IR		Sampler's Name:
HNO3: HN	HCL: HC			0)		Standard TAT	Due Date:		Lea County, New Mexico	Lea	Project Location
MaOH: Ma	Cool: Cool		+	+	Code	□ Rush	☑ Routine		2708		Project Number:
DI Water: H-O	NOOP NO	ANALYSIS REQUEST	-	-	Pres.	round	Turn A		Igloo Fed Production Facility	Igloo	Project Name:
Possovative Codes			om	ources.c	nonaresc	cmoehring@carmonaresources.com	Email: C		23	(432) 813-6823	Phone:
Other:						City, State ZIP:			9701	Midland, TX 79701	City, State ZIP:
RP Level IV	Reporting:Level II					Address.			t Ste 500	310 W Wall St Ste 500	Address:
	State of Project:					Address:	> 0		ources	Carmona Resources	Company Name:
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			Comments:						MS SM-				111 SW-1	Sample Identification	Total Containers:	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO #:	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone:	City, State ZIP:	Address:	Company Name:	Project Manager:			
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and	Relinquished			5/2/2025	5/2/2025	5/2/2025	5/2/2025	5/2/2025	5/2/2025	5/2/2025	5/2/2025	5/2/2025	5/2/2025	Date	(	No N/A	No	es			JDC/IR	Lea County, New Mexico	2708	Igloo Fed Production Facility	3	9701	Ste 500	ources	ing			
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h				×	×	×	×	×	×	×	×	×	×	Soil	erature:	ading:	ading:		. Wet Ice:			Due Date:	☑ Routine	Turn	Email:							
				Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Comp	Water Comp	r,		70.0	24	Tes No	- 1		Standard TAT	□ Rush	Turn Around	cmoehring@carmonaresources.com	City, State ZIP:	Address:	Company Name:	Bill to: (if different)			Ch
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														S		H+Ascor	cetate+N	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>	NaHSO <sub>4</sub> : NABIS	H <sub>3</sub> PO <sub>4</sub> : HP	H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub>	HCL: HC	None: NO	Pr		Other	TRRP			omme	Page	8
				18										ample C		NaOH+Ascorbic Acid: SAPC	Zn Acetate+NaOH: Zn	SO <sub>3</sub>	BIS		NaO	HNO		eservati						- 11	18	100
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HNO <sub>3</sub> : HN	HCL: HC			RO)		2	Stalldard IV	Due Date.		IDC/IR	La	Project Location
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	Tevel III Droi/ooi D					ZIP:	City, State ZIP:			79701	Midland, TX 79701	City, State ZIP:
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				+		Comp	×		5/2/2025	SW-29 (1')	
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H <sub>2</sub> PO <sub>4</sub> : HP				RO +	ters						PO #:
				MR					JDC/IR		Sampler's Name:
HCL: HC HNO3: HN	T (			(0)		Standard TAT	Due Date: S		Lea County, New Mexico	Lea	Project Location
Note: Pool Mapph: Ma		+	+	+	Code	Rush	☑ Routine □		2708		Project Number:
Prese		ANALYSIS REQUEST		-	Pres.	ound	Turn Around	acility	Igloo Fed Production Facility	Igloo I	Project Name:
11,	Deliverables. Loo []		B	ırces.co	onareso	Email: cmoehring@carmonaresources.com	Email: cm		3	(432) 813-6823	Phone:
Other	Dollarships: EDD ADapT					City, State ZIP:	Cit		9701	Midland, TX 79701	City, State ZIP:
UST TRRP T Level IV	Reporting: I evel III PST/UST				-	Address:	Ad		Ste 500	310 W Wall St Ste 500	Address:
	State of Project:					Company Name:	Co		ources	Carmona Resources	Company Name:
fields RRC buperfund	Brownfields RRC					Dill to: (ii dillorony	· C		ing	Conner Moenring	Project Manager:
Work Order Comments	Work Orde		Carmona Resources	armona F	0	to: (if different)	Bii			A Mark	
Page 20 of 20											
79 of	Work Order No:										
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			Chain of Custody	Cus	in of	Cha					



January 22, 2025

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: CAZA EAGLE CLAW 5-8 FEDERAL CTB

Enclosed are the results of analyses for samples received by the laboratory on 01/21/25 15:57.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Celey D. Keene

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



# Analytical Results For:

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

Received: 01/21/2025 Sampling Date: 01/21/2025

Reported: 01/22/2025 Sampling Type: Soil

Project Name: CAZA EAGLE CLAW 5-8 FEDERAL CTB Sampling Condition: Cool & Intact
Project Number: 2624 Sample Received By: Tamara Oldaker

A ... - b ... - d D. .. 711

Project Location: LEA CO NM

# **Sample ID: SIMS PIT (H250358-01)**

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2025	ND	2.08	104	2.00	2.83	
Toluene*	<0.050	0.050	01/22/2025	ND	2.16	108	2.00	2.25	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.20	110	2.00	2.03	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.69	112	6.00	2.21	
Total BTEX	<0.300	0.300	01/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/22/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	219	110	200	3.35	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	221	110	200	5.62	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					
Surrogate: 1-Chlorooctane	99.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

Cardinal Laboratories \*=Accredited Analyte

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

Celey & Keens



# **Notes and Definitions**

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

\*\* Samples not received at proper temperature of 6°C or below.

\*\*\* Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories \*=Accredited Analyte

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Celeg D. Freene

			Comments: Email to N								Sims Pit	Sample Identification	Total Containers:	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO#:	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone: 432-81	City, State ZIP: Midlan	Address: 310 W	Company Name: Carmo	Project Manager: Conne				
	du	Relin	like Carmona / Mc								1/21/2025	ion Date			Yes No NA		Temp Blank:			Lea County	2	Caza Eagle Clav	432-813-6823	Midland, TX 79701	310 W Wall St Ste 500	Carmona Resources	Conner Moening	Anhina			
		Relinquished by: (Signature)	Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and come morning morning of the common of the comm								25	Time	Corrected Temperature:	$\sim$			Yes No		ヌ	Lea County, New Mexico	2624	Caza Eagle Claw 5-8 Federal CTB									
7			ces.com and co	com and Co							×	Soil					Wet Ice:			Due Date:	Routine	Turn /	Email	C							
				nner Moehring							C	Water Comp	700	100	-	#140	Yes No	- 1	, and	24 HR TAT	Rush	Turn Around	Email. III.daiiii.oi.ia(@caiiiioi.iaicooaioao.com	mearmona@carr	City State 7ID:	Address:	Company Name:	Bill to: (if different)			Chain of Custody
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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

Action 510008

# **QUESTIONS**

ı	Operator:	OGRID:
ı	3R Operating, LLC	331569
ı	20405 State Highway 249	Action Number:
ı	Houston, TX 77070	510008
ı		Action Type:
ı		[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2507938040
Incident Name	NAPP2507938040 IGLOO FED PRODUCTION FACILITY @ FAPP2429536536
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2429536536] IGLOO FED PRODUCTION FACILITY

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Igloo Fed Production Facility
Date Release Discovered	03/20/2025
Surface Owner	Private

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

Nature and Volume of Release		
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.		
Crude Oil Released (bbls) Details	Not answered.	
Produced Water Released (bbls) Details	Cause: Equipment Failure   Valve   Produced Water   Released: 45 BBL   Recovered: 0 BBL   Lost: 45 BBL.	
Is the concentration of chloride in the produced water >10,000 mg/l	No	
Condensate Released (bbls) Details	Not answered.	
Natural Gas Vented (Mcf) Details	Not answered.	
Natural Gas Flared (Mcf) Details	Not answered.	
Other Released Details	Not answered.	
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	n/a	

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

QUESTIONS, Page 2

Action 510008

QUESTIONS (continued)

QUESTI	ions (continued)
Operator:	OGRID:
3R Operating, LLC 20405 State Highway 249	331569
Houston, TX 77070	Action Number: 510008
Trousion, TX TTOTO	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)
QUESTIONS	
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	e. gas only) are to be submitted on the C-129 form.
In Wal Day and a	
Initial Response	
The responsible party must undertake the following actions immediately unless they could create a s	
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	n/a
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releathe OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are require ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Connor Moehring Title: Chief Operating Officer Email: Cmoehring@carmonaresources.com Date: 09/29/2025

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

QUESTIONS, Page 3

Action 510008

QUESTIONS (continued)

Operator:	OGRID:
3R Operating, LLC	331569
20405 State Highway 249	Action Number:
Houston, TX 77070	510008
	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 approva release discovery date.	l and beyond). This information must be provided to the appropriate district office no later than 90 days after the
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release ar	nd the following surface areas:
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan		
Please answer all the questions ti	hat apply or are indicated. This information must be provided t	to the appropriate district office no later than 90 days after the release discovery date.
Requesting a remediation	plan approval with this submission	Yes
Attach a comprehensive report de	monstrating the lateral and vertical extents of soil contamination	on associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Have the lateral and vertical	al extents of contamination been fully delineated	Yes
Was this release entirely of	ontained within a lined containment area	No
Soil Contamination Sampling	g: (Provide the highest observable value for each, in n	nilligrams per kilograms.)
Chloride	(EPA 300.0 or SM4500 CI B)	384
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	0
GRO+DRO	(EPA SW-846 Method 8015M)	0
BTEX	(EPA SW-846 Method 8021B or 8260B)	0
Benzene	(EPA SW-846 Method 8021B or 8260B)	0
	NMAC unless the site characterization report includes complete the selines for beginning and completing the remediation.	ed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC
On what estimated date wi	Il the remediation commence	04/24/2025
On what date will (or did) the	ne final sampling or liner inspection occur	05/02/2025
On what date will (or was)	the remediation complete(d)	05/20/2025
What is the estimated surfa	ace area (in square feet) that will be reclaimed	0
What is the estimated volu	me (in cubic yards) that will be reclaimed	0
What is the estimated surfa	ace area (in square feet) that will be remediated	34350
What is the estimated volu	me (in cubic yards) that will be remediated	1600
These estimated dates and measu	rements are recognized to be the best guess or calculation at t	the time of submission and may (be) change(d) over time as more remediation efforts are completed.
The OCD recognizes that propose	ed 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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# State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 4

Action 510008

QUESTIONS (continued)

Operator:	OGRID:
3R Operating, LLC	331569
20405 State Highway 249	Action Number:
Houston, TX 77070	510008
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

#### QUESTIONS

4		
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 off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes	
Which OCD approved facility will be used for off-site disposal	fEEM0112334510 HALFWAY DISPOSAL AND LANDFILL	
OR which OCD approved well (API) will be used for off-site 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 on-site remediation (i.e. On-Site Land Farms)	No	
(In Situ) Soil Vapor Extraction	No	
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No	
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No	
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No	
Ground Water Abatement pursuant to 19.15.30 NMAC	No	
OTHER (Non-listed remedial process)	No	

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.

Name: Connor Moehring
Title: Chief Operating Officer
Email: Cmoehring@carmonaresources.com
Date: 09/29/2025

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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

QUESTIONS, Page 5

Action 510008

**QUESTIONS** (continued)

Operator:	OGRID:
3R Operating, LLC	331569
20405 State Highway 249 Houston, TX 77070	Action Number: 510008
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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# 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 510008

**QUESTIONS** (continued)

Operator:	OGRID:
3R Operating, LLC	331569
20405 State Highway 249	Action Number:
Houston, TX 77070	510008
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	456990
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/02/2025
What was the (estimated) number of samples that were to be gathered	195
What was the sampling surface area in square feet	32560

Remediation Closure Request		
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.		
Requesting a remediation closure approval with this submission	Yes	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes	
What was the total surface area (in square feet) remediated	34350	
What was the total volume (cubic yards) remediated	1600	
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)	none	

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.

Name: Connor Moehring

Title: Chief Operating Officer

Email: Cmoehring@carmonaresources.com

Date: 00/20/2025

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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 7

Action 510008

**QUESTIONS** (continued)

Operator:	OGRID:
3R Operating, LLC	331569
20405 State Highway 249	Action Number:
Houston, TX 77070	510008
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with 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

CONDITIONS

Action 510008

### **CONDITIONS**

Operator:	OGRID:
3R Operating, LLC	331569
20405 State Highway 249	Action Number:
Houston, TX 77070	510008
	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".	11/13/2025