CARMONA RESOURCES

SITE INFORMATION

Closure Report
Lacey Swiss 1 Fed Com #707H
Lea County, New Mexico
Incident ID: NAPP2235350956
Unit F Sec 01 T25S R33E
32.164400°, -103.528400°

Reuse Water Release
Point of Release: Overfilled pumpdown tank
Release Date: 12/11/2022
Volume Released: 85 barrels of Reuse Water
Volume Recovered: 75 barrels of Reuse Water

CARMONA RESOURCES

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

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

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

CARMONA RESOURCES

March 7, 2024

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

Re: Closure Report
Lacey Swiss 1 Fed Com #707H
EOG Resources Inc.
Incident # NAPP2235350956
Site Location: Unit F, S01, T25S, R33E
(Lat 32.164400°, Long -103.528400°)
Lea County, New Mexico

To whom it may concern:

On behalf of EOG Resources Inc. (EOG), Carmona Resources, LLC has prepared this letter to document site assessment activities for the Lacey Swiss 1 Fed Com #707H. This site is located at 32.164400°, -103.528400° within Unit F, S01, T25S, R33E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on December 11, 2022, due to a tank overflow. It resulted in the release of approximately eighty-five (85) barrels of reuse water, with seventy-five (75) barrels of reuse water recovered. The impacted area occurred on the pad. See Figure 3. The initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water sources are within a 0.50-mile radius of the location. The nearest identified well is located approximately 1.90 miles south of the site in S13, T25S, R33E, and was drilled in 1993. The well has a reported depth to groundwater of 185’ below ground surface (ft bgs). A copy of the associated Point of Diversion Summary report is attached in Appendix D.

On July 12, 2023, Scarborough Drilling, Inc was onsite to drill a groundwater determination bore to 58’ bgs within a 0.50-mile radius of the location. The bore was left open for 72 hours and tagged with a water level meter. No water was detected at 58’ bgs. The coordinates for the groundwater determination bore are 32.163721°, -103.5279600°. See Appendix D for the log.

3.0 NMAC Regulatory Criteria

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

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

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

CARMONA RESOURCES

4.0 Site Assessment Activities

Trenching Activities

On March 21, 2023, and March 22, 2023, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. Twenty-one (21) trenches and seventeen (17) Horizontal samples were advanced to depths ranging from the surface to 6' bgs inside the release area to assess the vertical extent. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of custody documents, are attached in Appendix E. See Table 1 for the analytical results.

Vertical Delineation

Vertical delineation was achieved in all the areas of T-1 through T-21. Refer to Table 1.

Horizontal Delineation

All areas were below the regulatory limits for benzene, total BTEX, TPH, and chloride concentrations, except for H-2, H-8, H-12, H-16, and H-17. Refer to Table 1.

5.0 Remediation Activities

Carmona Resources personnel were on site to guide the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via the NMOCD Portal from the days spanning from January 24, 2024, to February 26, 2023, per Subsection D of 19.15.29.12 NMAC. See Appendix C. A total of two hundred ninety-five (295) floor confirmation samples were collected (CS-1 through CS-295), and sixty-eight (68) sidewall samples (SW-1 through SW-68) were collected every 500 square feet to ensure the proper removal of the contaminated soils. Sidewalls were extended in the sections of horizontal samples where contamination levels exceeded regulatory thresholds. Samples were then placed in these extended areas to ensure the complete removal of the contamination. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 4500. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figure 4.

All of the final confirmation samples met the regulatory requirements for TPH, BTEX, and chloride, except for sidewall samples SW-59, SW-60, and SW-61, which exhibited elevated TPH concentrations ranging from 113 mg/kg to 219 mg/kg. As a result, an additional 3 feet of excavation was conducted to remove the contaminated soil and sample recollection of these sidewall areas. Refer to Table 2.

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 12,180 cubic yards of material were excavated and transported offsite for proper disposal.

CARMONA RESOURCES

5.0 Conclusions

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

Sincerely,
Carmona Resources, LLC

Mike Carmona
Environmental Manager

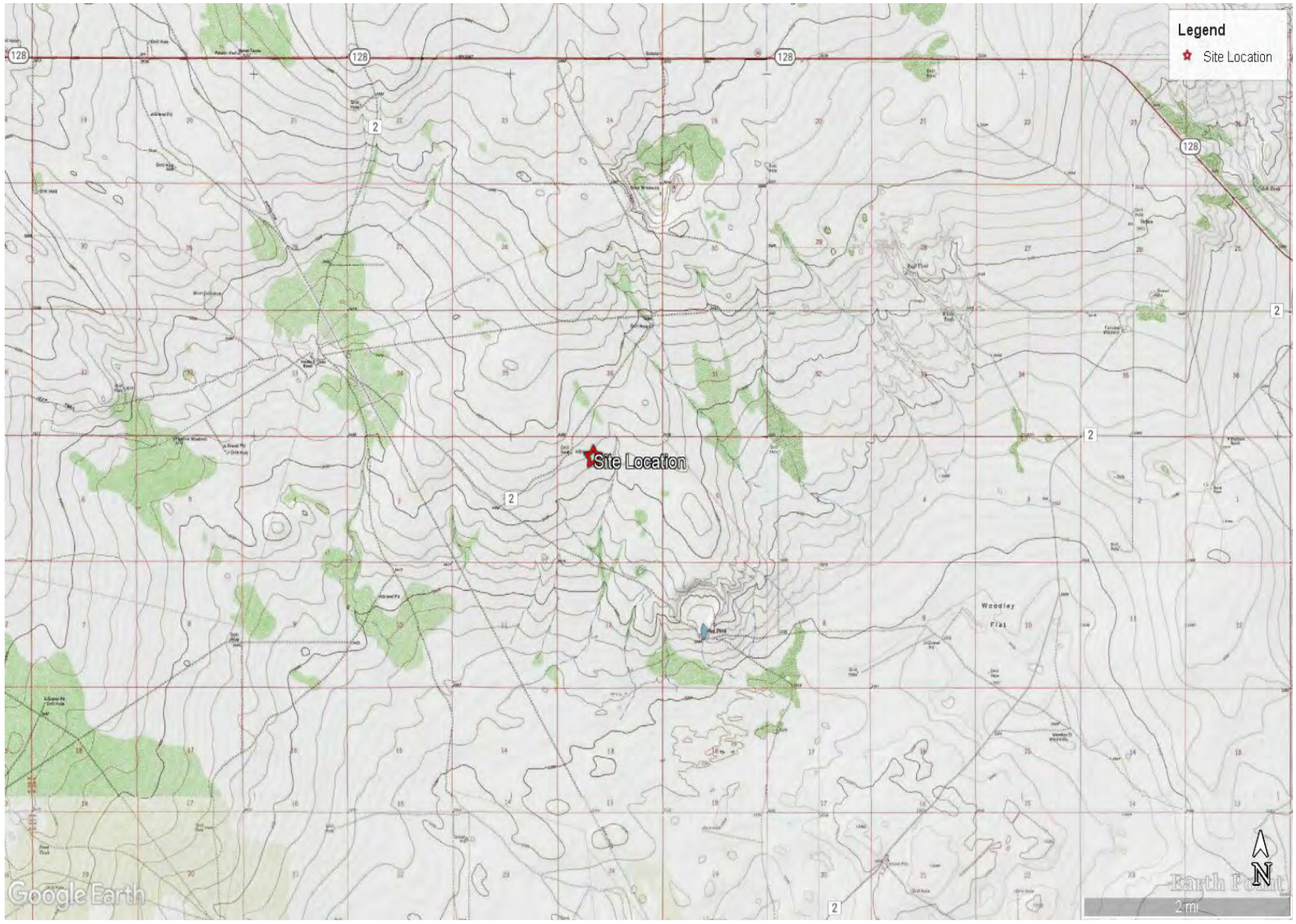
Devin Dominguez
Sr. Project Manager

FIGURES

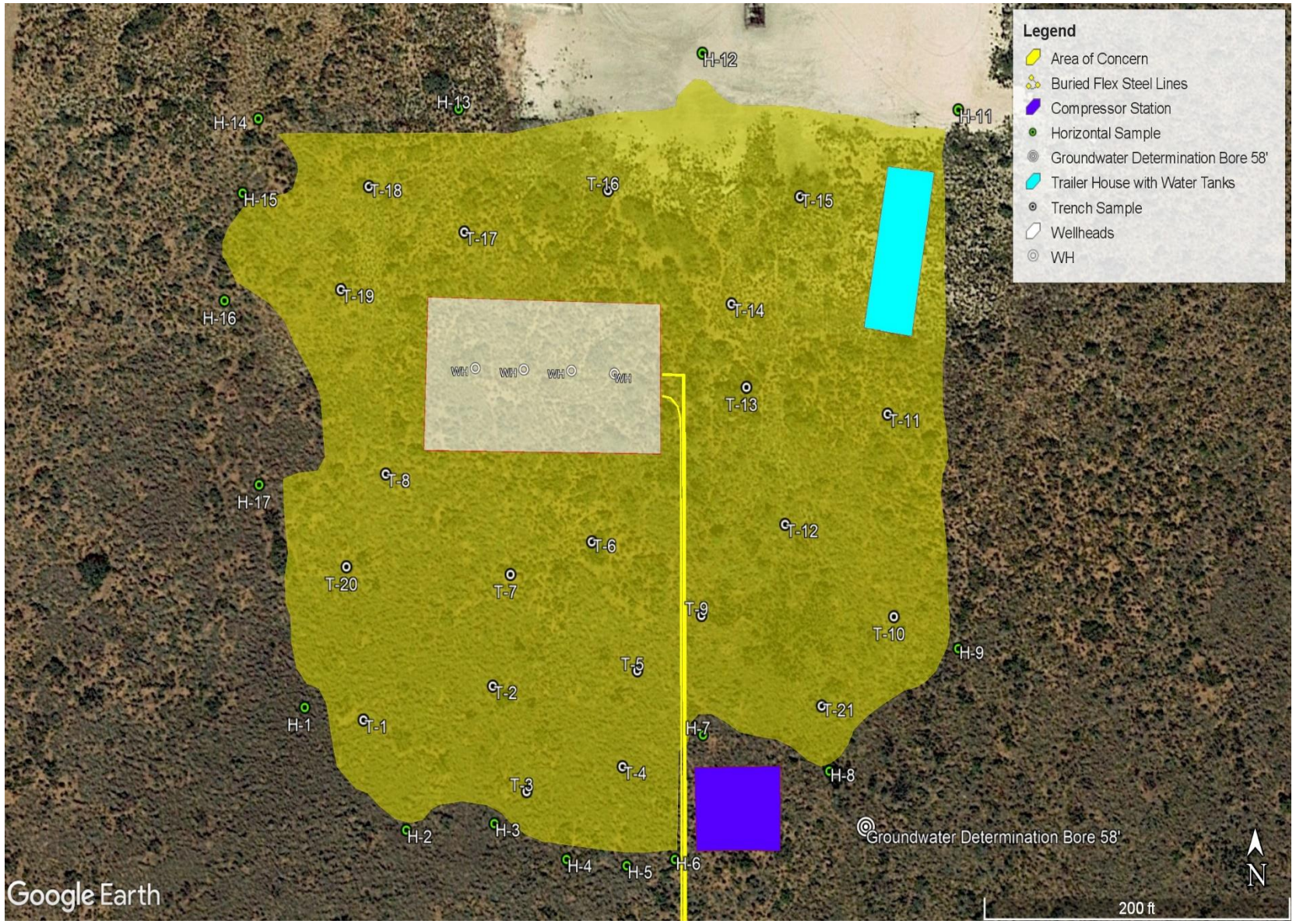
CARMONA RESOURCES



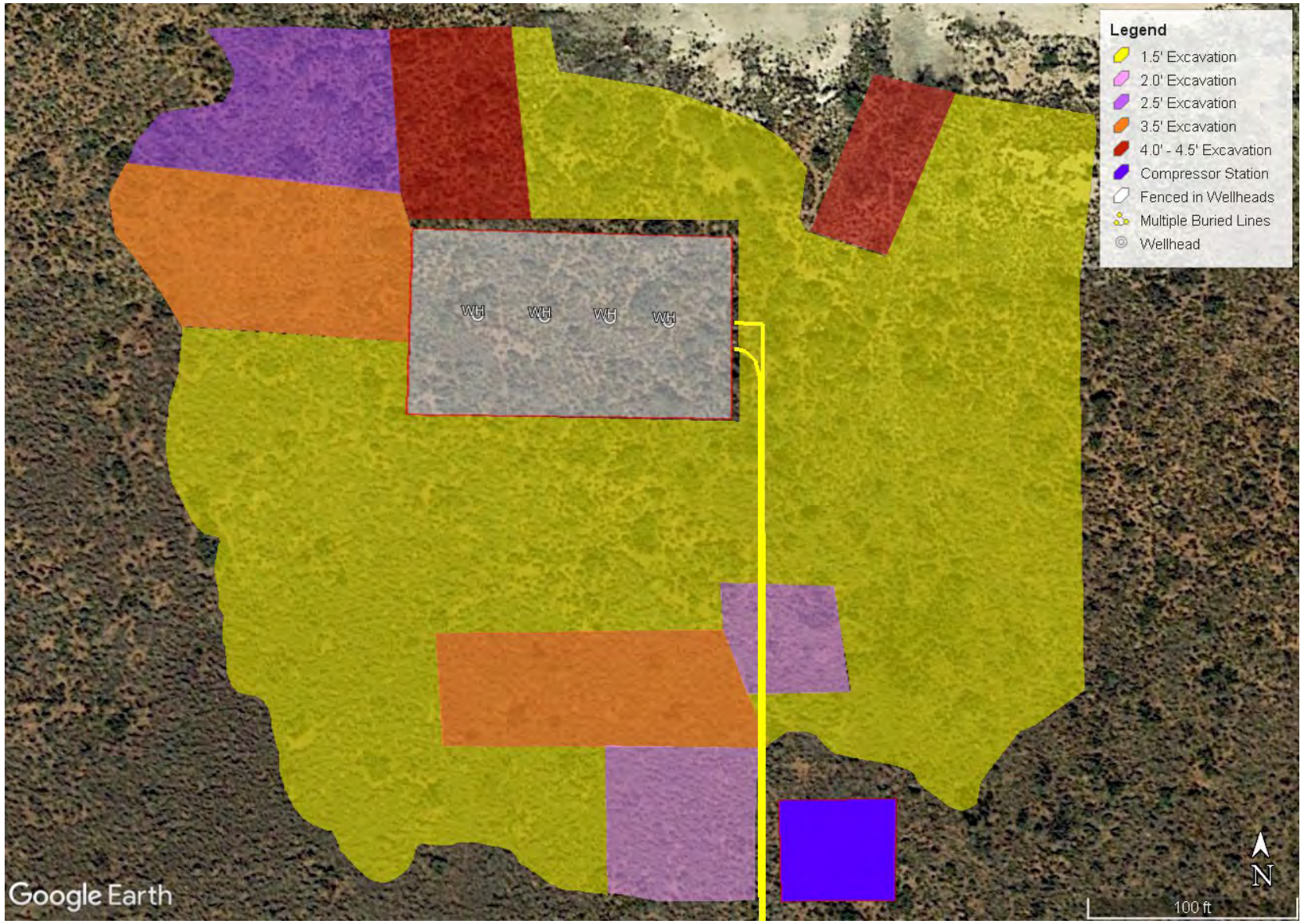
OVERVIEW MAP EOG RESOURCES LACEY SWISS 1 FED COM #707H LEA COUNTY, NEW MEXICO 32.164400°, -103.528400°	CARMONA RESOURCES	FIGURE 1



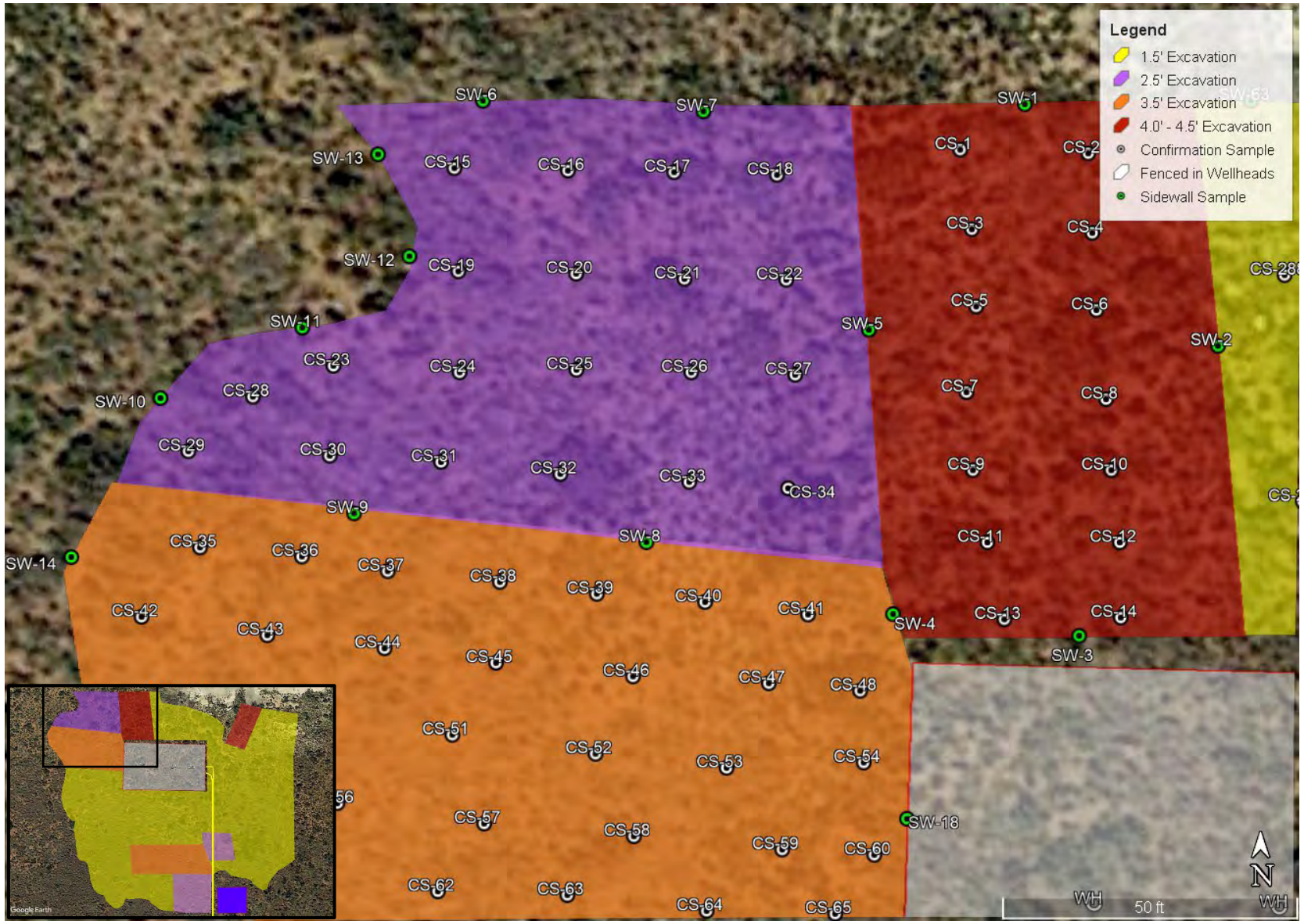
TOPOGRAPHIC MAP EOG RESOURCES LACEY SWISS 1 FED COM #707H LEA COUNTY, NEW MEXICO 32.164400°, -103.528400°	CARMONA RESOURCES	FIGURE 2



SAMPLE LOCATION OVERVIEW MAP EOG RESOURCES LACEY SWISS 1 FED COM #707H LEA COUNTY, NEW MEXICO 32.164400°, -103.528400°	CARMONA RESOURCES	FIGURE 3



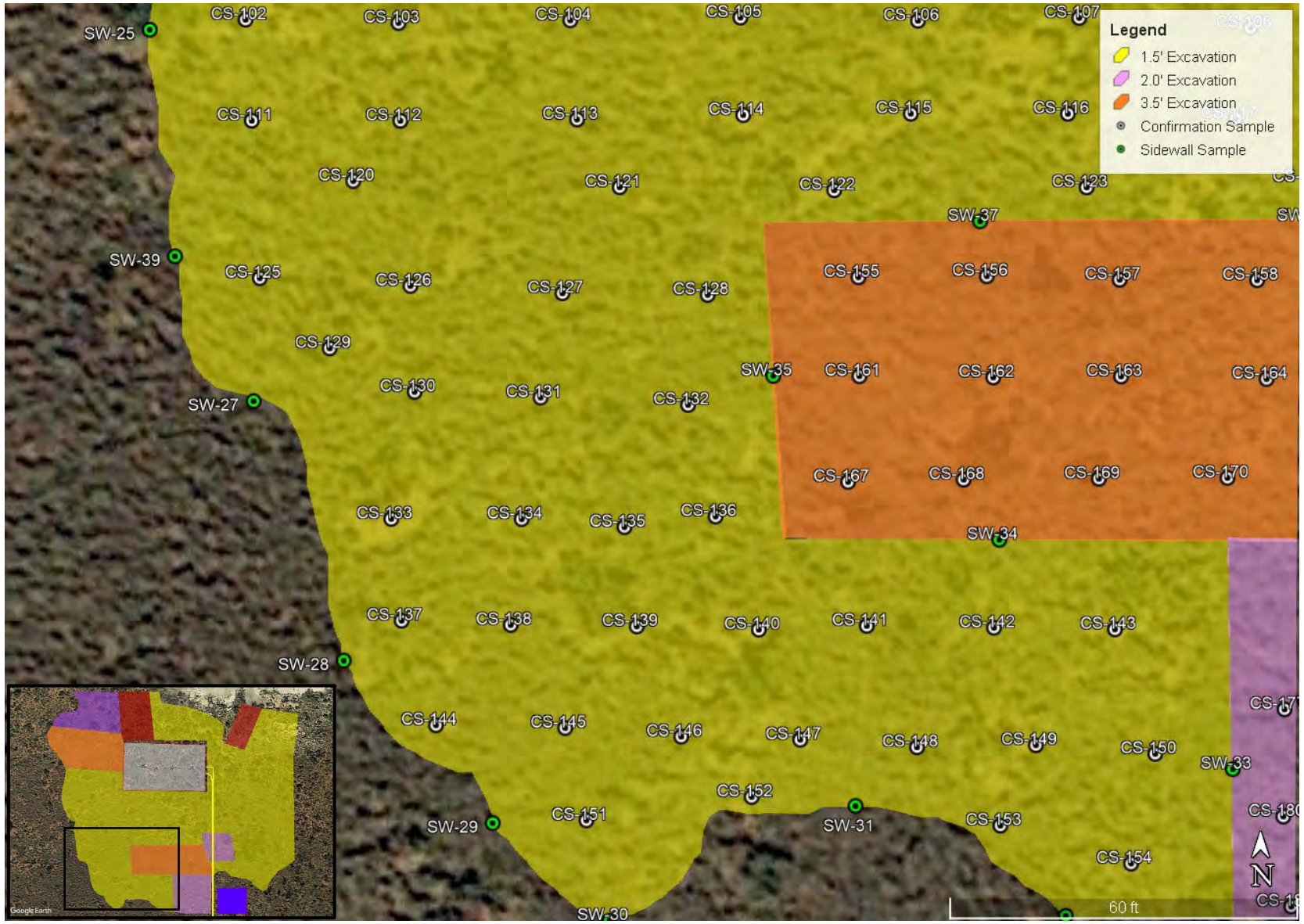
EXCAVATION DEPTH MAP EOG RESOURCES LACEY SWISS 1 FED COM #707H LEA COUNTY, NEW MEXICO 32.164400°, -103.528400°	CARMONA RESOURCES	FIGURE 4a



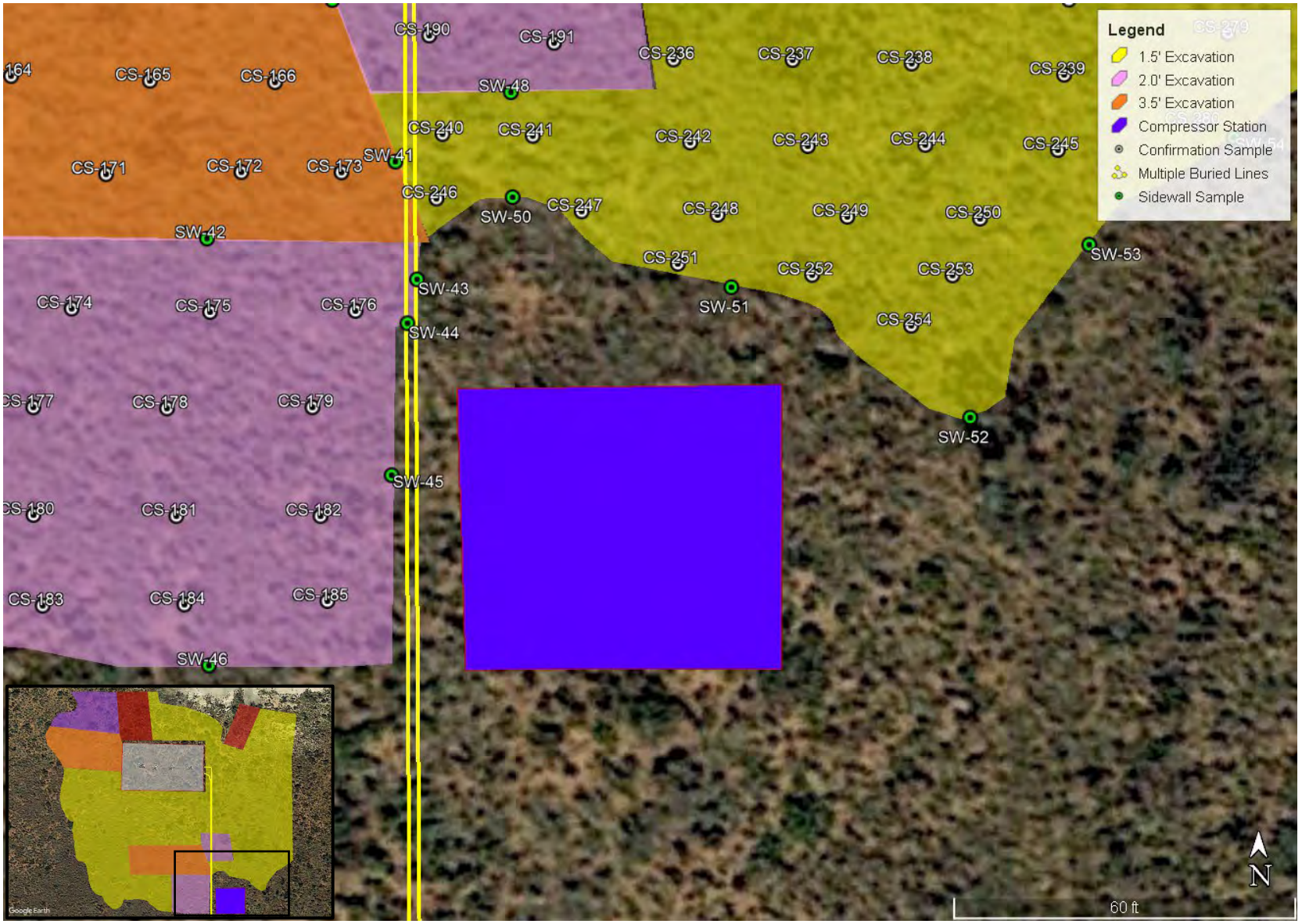
EXCAVATION DEPTH MAP EOG RESOURCES LACEY SWISS 1 FED COM #707H LEA COUNTY, NEW MEXICO 32.164400°, -103.528400°	CARMONA RESOURCES	FIGURE 4b



EXCAVATION DEPTH MAP EOG RESOURCES LACEY SWISS 1 FED COM #707H LEA COUNTY, NEW MEXICO 32.164400°, -103.528400°	CARMONA RESOURCES	FIGURE 4c



EXCAVATION DEPTH MAP EOG RESOURCES LACEY SWISS 1 FED COM #707H LEA COUNTY, NEW MEXICO 32.164400°, -103.528400°	CARMONA RESOURCES	FIGURE 4d



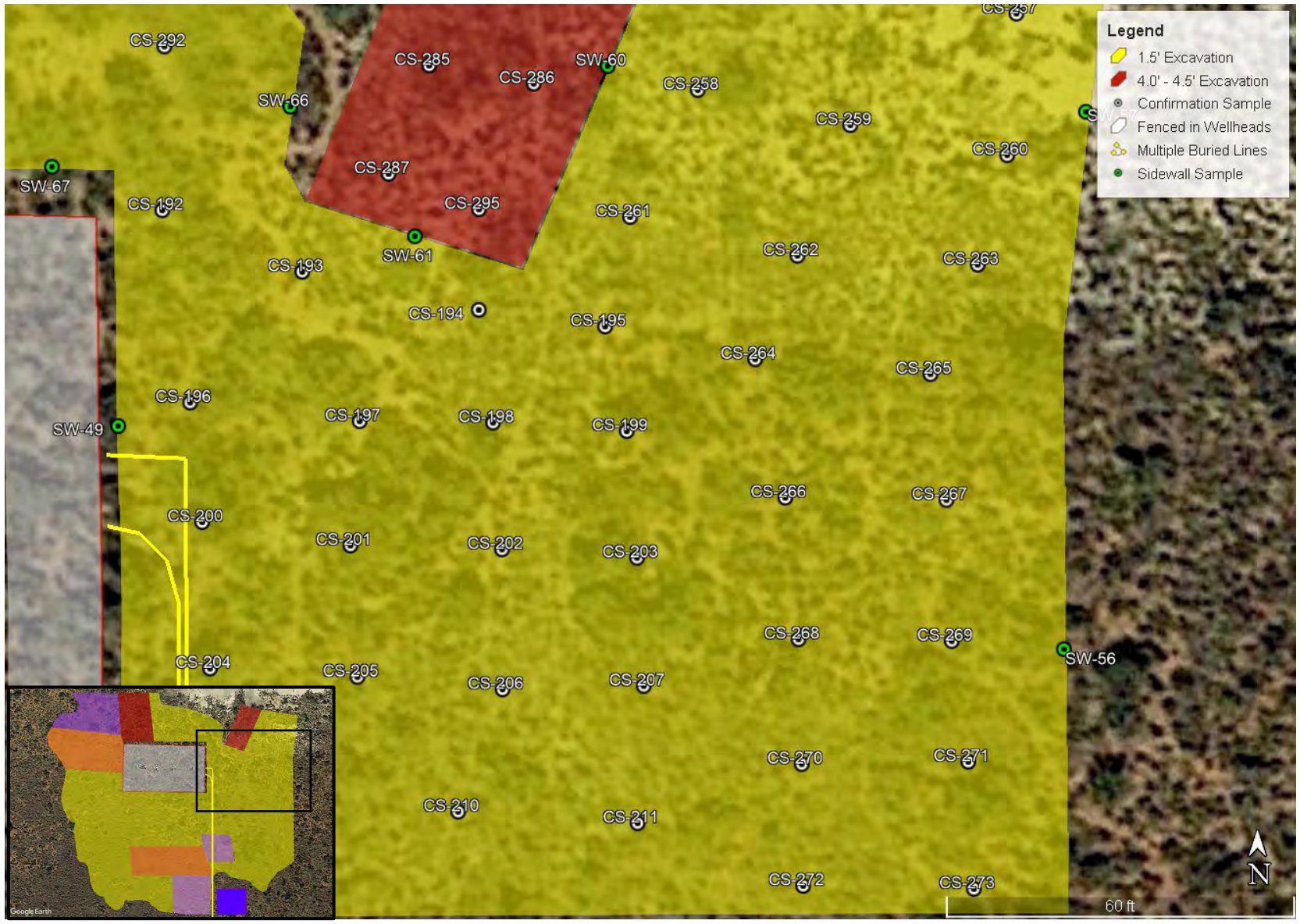
EXCAVATION DEPTH MAP EOG RESOURCES LACEY SWISS 1 FED COM #707H LEA COUNTY, NEW MEXICO 32.164400°, -103.528400°	CARMONA RESOURCES	FIGURE 4e



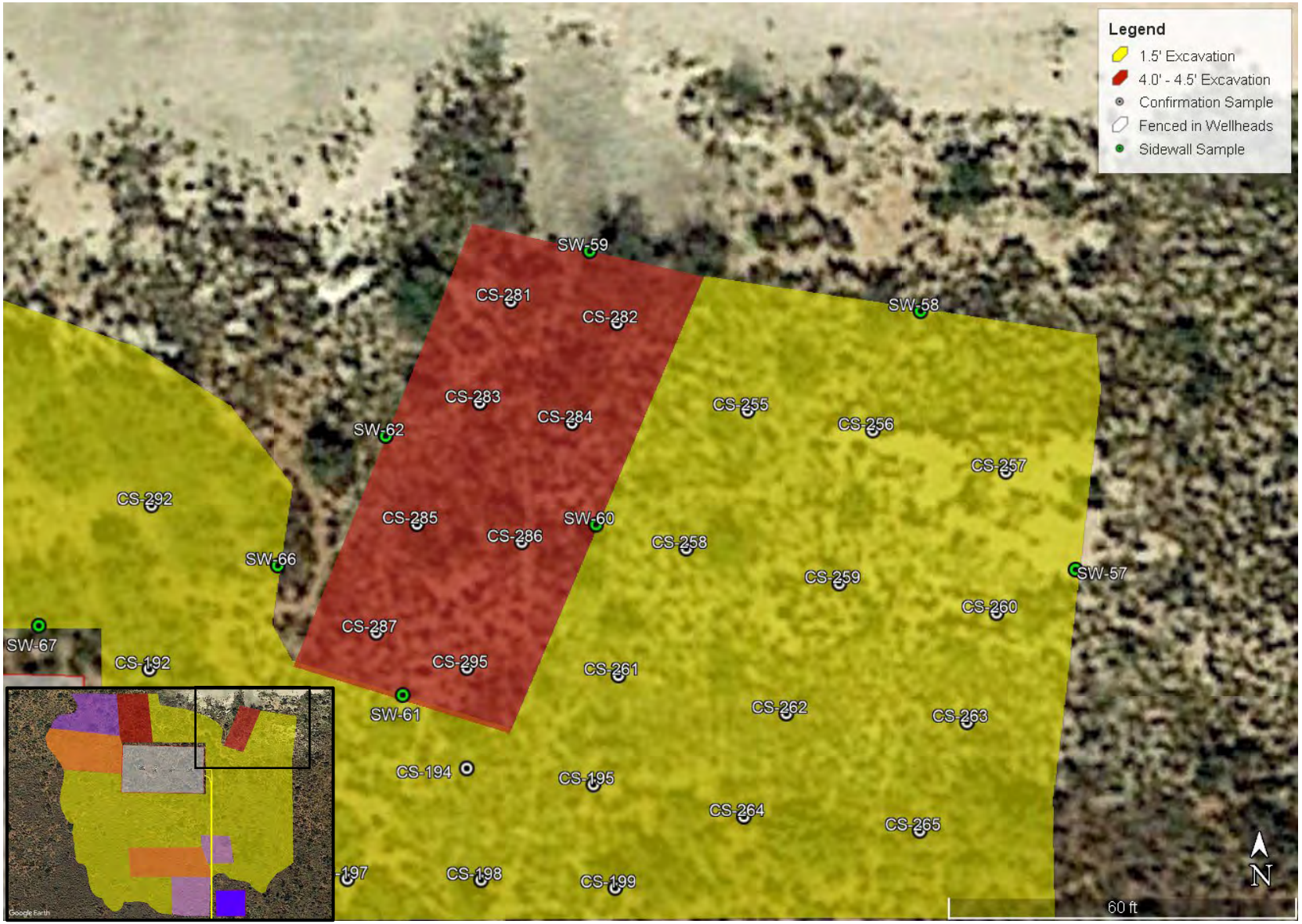
EXCAVATION DEPTH MAP EOG RESOURCES LACEY SWISS 1 FED COM #707H LEA COUNTY, NEW MEXICO 32.164400°, -103.528400°	CARMONA RESOURCES	FIGURE 4f



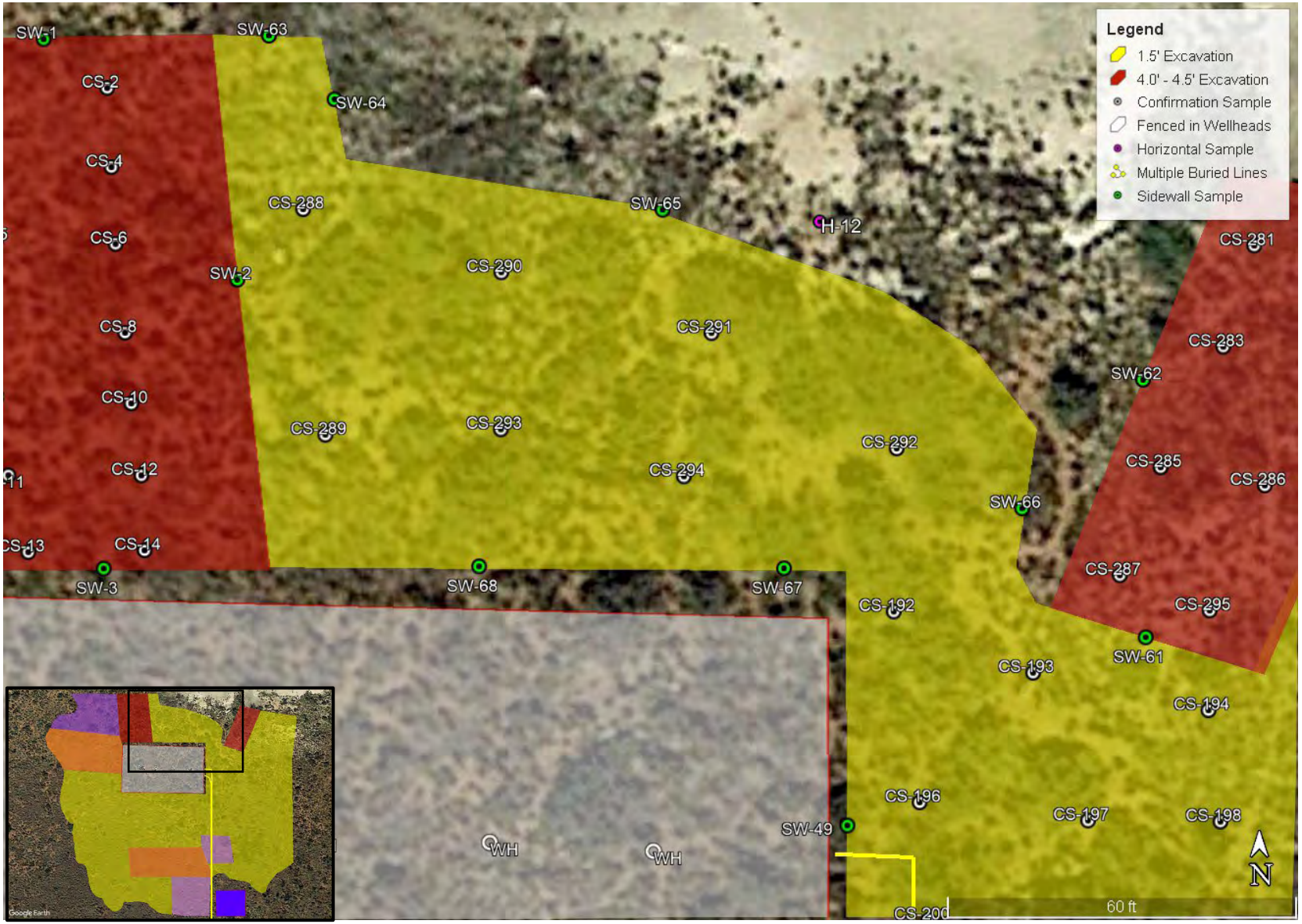
EXCAVATION DEPTH MAP EOG RESOURCES LACEY SWISS 1 FED COM #707H LEA COUNTY, NEW MEXICO 32.164400°, -103.528400°	CARMONA RESOURCES	FIGURE 4g



EXCAVATION DEPTH MAP EOG RESOURCES LACEY SWISS 1 FED COM #707H LEA COUNTY, NEW MEXICO 32.164400°, -103.528400°	CARMONA RESOURCES	FIGURE 4h



EXCAVATION DEPTH MAP EOG RESOURCES LACEY SWISS 1 FED COM #707H LEA COUNTY, NEW MEXICO 32.164400°, -103.528400°	CARMONA RESOURCES	FIGURE 4i



EXCAVATION DEPTH MAP EOG RESOURCES LACEY SWISS 1 FED COM #707H LEA COUNTY, NEW MEXICO 32.164400°, -103.528400°	CARMONA RESOURCES	FIGURE 4j

APPENDIX A

CARMONA RESOURCES



Table 1
EOG Resources
Lacey Swiss 1 Fed Com #707H
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
T-1	3/21/2023	0-1	75.5	**3,320**	<49.9	**3,400**	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**8,470**
	"	1.5	<50.0	78.5	<50.0	78.5	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	220
	"	2	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	71.8
T-2	3/21/2023	0-1	<49.9	85.7	<49.9	85.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**22,300**
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	168
	"	2	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**2,460**
	"	3	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	**1,640**
	"	4	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	120
T-3	3/21/2023	0-1	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**5,570**
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	85.9
	"	2	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	47.6
T-4	3/21/2023	0-1	<50.0	97.0	<50.0	97.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**12,300**
	"	1.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**614**
	"	2	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	366
T-5	3/21/2023	0-1	<49.9	92.0	<49.9	92.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**22,000**
	"	1.5	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	**1,940**
	"	2	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	**1,070**
	"	3	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**789**
	"	4	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	267
T-6	3/21/2023	0-1	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**10,500**
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	133
	"	2	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	255
T-7	3/21/2023	0-1	<49.9	**283**	<49.9	**283**	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**34,000**
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	88.3
	"	2	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	157
T-8	3/21/2023	0-1	<50.0	**444**	<50.0	**444**	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**6,590**
	"	1.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	132
	"	2	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	229
T-9	3/21/2023	0-1	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**5,490**
	"	1.5	<49.9	683	<49.9	**683**	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	119
	"	2	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	112
	"	3	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	107
T-10	3/21/2023	0-1	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**15,400**
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	129
	"	2	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	149
	"	3	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	122
T-11	3/21/2023	0-1	<49.9	**2,180**	<49.9	**2,180**	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**10,000**
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	17.6
	"	2	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	81.4
	"	3	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	109
T-12	3/21/2023	0-1	<49.9	**2,390**	**376**	**2,770**	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**10,300**
	"	1.5	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	102
	"	2	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	131
	"	3	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	84.0
Regulatory Criteria[A]			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(T) Trench Sample
Removed

Table 1
EOG Resources
Lacey Swiss 1 Fed Com #707H
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
T-13	3/22/2023	0-1	<50.0	**2,260**	**411**	**2,670**	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	**2,560**
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	38.9
	"	2	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	16.1
	"	3	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	28.2
T-14	3/22/2023	0-1	<49.8	**471**	65.5	**537**	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**2,610**
	"	1.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	230
	"	2	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	597
	"	3	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**1,130**
	"	4	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	**995**
	"	5	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	**786**
	"	6	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**781**
T-15	3/22/2023	0-1	<49.9	91.8	<49.9	91.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	592
	"	1.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**2,260**
	"	2	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**1,340**
	"	3	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**1,370**
	"	4	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**1,040**
	"	5	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	**905**
T-16	3/22/2023	0-1	<50.0	**4,670**	<50.0	**4,670**	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**3,790**
	"	1.5	<49.9	75.9	<49.9	75.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	268
	"	2	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	229
	"	3	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	42.1
T-17	3/22/2023	0-1	**362**	**12,600**	<250	**13,000**	<0.00199	0.00242	0.00462	0.0117	0.0187	**916**
	"	1.5	<49.9	**170**	<49.9	**170**	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**2,590**
	"	2	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**3,470**
	"	3	<50.0	<50.0	<50.0	<50.0	<0.00201	0.00206	<0.00201	<0.00402	<0.00402	**1,110**
	"	4	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	**861**
	"	5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	535
T-18	3/22/2023	0-1	<249	**19,200**	<249	**19,200**	<0.00199	0.00225	<0.00199	<0.00398	0.00540	**19,600**
	"	1.5	<49.9	58.9	<49.9	58.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**7,150**
	"	2	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**3,110**
	"	3	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	101
	"	4	<49.9	112	<49.9	112	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	69.2
T-19	3/22/2023	0-1	**154**	**5,580**	<49.9	**5,730**	<0.00202	<0.00202	0.00911	0.0159	0.0250	**2,300**
	"	1.5	<49.8	**245**	<49.8	**245**	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**1,340**
	"	2	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**1,510**
	"	3	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	**1,030**
	"	4	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	414
	"	5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	471
T-20	3/22/2023	0-1	<49.9	**363**	<49.9	**363**	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**5,680**
	"	1.5	<49.9	70.5	<49.9	70.5	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	218
	"	2	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	87.7
	"	3	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	48.3
T-21	3/22/2023	0-1	<50.0	94.8	<50.0	94.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**1,130**
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	134
	"	2	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	101
	"	3	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	63.7
Regulatory Criteria [A]			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(T) Trench Sample
Removed

Table 1
EOG Resources
Lacey Swiss 1 Fed Com #707H
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
H-1	3/21/2023	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	109
H-2	3/21/2023	0-0.5	<50.0	**166**	<50.0	**166**	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	**804**
H-3	3/21/2023	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	186
H-4	3/21/2023	0-0.5	<49.9	<49.9	<49.9	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	113
H-5	3/21/2023	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	187
H-6	3/21/2023	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	218
H-7	3/21/2023	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	255
H-8	3/21/2023	0-0.5	<49.9	54.6	<49.9	54.6	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	**615**
H-9	3/21/2023	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	179
H-10	3/21/2023	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	381
H-11	3/22/2023	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	574
H-12	3/22/2023	0-0.5	<50.0	**124**	<50.0	**124**	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	592
	2/27/2024	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.0500	<0.0500	<0.0500	<0.150	<0.300	48.0
H-13	3/22/2023	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	18.4
H-14	3/22/2023	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	294
H-15	3/22/2023	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	66.6
H-16	3/22/2023	0-0.5	<50.0	**267**	<50.0	**267**	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**619**
H-17	3/22/2023	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**914**
Regulatory Criteria [A]			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(H) Horizontal Sample
Removed

Table 2
EOG Resources
Lacey Swiss 1 Fed Com #707H
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	1/26/2024	4.5	<49.9	81.6	<49.9	81.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	129
CS-2	1/26/2024	4.5	<50.5	70.4	<50.5	70.4	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	125
CS-3	1/26/2024	4.5	<49.7	70.8	<49.7	70.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	140
CS-4	1/26/2024	4.5	<49.9	53.4	<49.9	53.4	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	133
CS-5	1/26/2024	4.5	<50.0	77.3	<50.0	77.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	129
CS-6	1/26/2024	4.5	<49.8	77.9	<49.8	77.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	111
CS-7	1/26/2024	4.5	<50.1	96.4	<50.1	96.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	135
CS-8	1/26/2024	4.5	<50.4	93.6	<50.4	93.6	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	115
CS-9	1/26/2024	4.5	<50.0	63.2	<50.0	63.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	129
CS-10	1/26/2024	4.5	<49.9	93.1	<49.9	93.1	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	135
CS-11	1/26/2024	4.5	<50.1	179	<50.1	179	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	154
CS-12	1/26/2024	4.5	<50.3	147	<50.3	147	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	114
CS-13	1/26/2024	4.5	<50.5	86.5	<50.5	86.5	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	131
CS-14	1/26/2024	4.5	<49.7	106	<49.7	106	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	115
CS-15	1/30/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-16	1/30/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-17	1/30/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-18	1/30/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-19	1/30/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-20	1/30/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-21	1/30/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-22	1/30/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-23	1/30/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-24	1/30/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-25	1/30/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-26	1/30/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-27	1/30/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-28	1/30/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-29	1/30/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-30	1/30/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
Regulatory Criteria [A]			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

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

Table 2
EOG Resources
Lacey Swiss 1 Fed Com #707H
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-31	1/30/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-32	1/30/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-33	1/30/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-34	1/30/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-35	1/31/2024	3.5	<10.0	31.5	<10.0	31.5	<0.050	<0.050	<0.050	<0.150	<0.300	288
CS-36	1/31/2024	3.5	<10.0	26.1	<10.0	26.1	<0.050	<0.050	<0.050	<0.150	<0.300	400
CS-37	1/31/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-38	1/31/2024	3.5	<10.0	12.7	<10.0	12.7	<0.050	<0.050	<0.050	<0.150	<0.300	288
CS-39	1/31/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
CS-40	1/31/2024	3.5	<10.0	15.1	<10.0	15.1	<0.050	<0.050	<0.050	<0.150	<0.300	320
CS-41	1/31/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-42	1/31/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-43	1/31/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-44	1/31/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-45	1/31/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-46	1/31/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-47	1/31/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-48	1/31/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-49	1/31/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-50	1/31/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-51	1/31/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-52	1/31/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-53	1/31/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-54	1/31/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-55	1/31/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-56	1/31/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-57	1/31/2024	3.5	<10.0	11.3	<10.0	11.3	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-58	1/31/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-59	1/31/2024	3.5	<10.0	16.0	<10.0	16.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-60	1/31/2024	3.5	<10.0	21.1	<10.0	21.1	<0.050	<0.050	<0.050	<0.150	<0.300	208
Regulatory Criteria [A]			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

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

Table 2
EOG Resources
Lacey Swiss 1 Fed Com #707H
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-61	1/31/2024	3.5	<10.0	10.6	<10.0	10.6	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-62	1/31/2024	3.5	<10.0	10.9	<10.0	10.9	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-63	1/31/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-64	1/31/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-65	1/31/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-66	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-67	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-68	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-69	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-70	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-71	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-72	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
CS-73	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-74	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-75	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-76	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-77	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-78	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-79	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-80	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-81	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-82	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-83	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-84	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-85	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-86	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-87	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-88	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-89	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-90	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
Regulatory Criteria [A]			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

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

Table 2
EOG Resources
Lacey Swiss 1 Fed Com #707H
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-91	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-92	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-93	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-94	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-95	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-96	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-97	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-98	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-99	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-100	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-101	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-102	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-103	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-104	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-105	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-106	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-107	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-108	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-109	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-110	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-111	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-112	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-113	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-114	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-115	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304
CS-116	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
CS-117	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-118	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-119	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-120	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	368
Regulatory Criteria [A]			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

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

Table 2
EOG Resources
Lacey Swiss 1 Fed Com #707H
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-121	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-122	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-123	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-124	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-125	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-126	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-127	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-128	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-129	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-130	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-131	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-132	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-133	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-134	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-135	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-136	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-137	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-138	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-139	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-140	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-141	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-142	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-143	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-144	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-145	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-146	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-147	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-148	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-149	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-150	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
Regulatory Criteria [A]			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

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

Table 2
EOG Resources
Lacey Swiss 1 Fed Com #707H
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-151	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-152	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-153	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-154	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-155	2/8/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-156	2/8/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304
CS-157	2/8/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-158	2/8/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-159	2/8/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-160	2/8/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-161	2/8/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
CS-162	2/8/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-163	2/8/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-164	2/8/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-165	2/8/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
CS-166	2/8/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
CS-167	2/8/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	368
CS-168	2/8/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	384
CS-169	2/8/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-170	2/8/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-171	2/8/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-172	2/8/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-173	2/8/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-174	2/8/2024	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-175	2/8/2024	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-176	2/8/2024	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-177	2/8/2024	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-178	2/8/2024	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-179	2/8/2024	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	288
CS-180	2/8/2024	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
Regulatory Criteria [A]			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

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

Table 2
EOG Resources
Lacey Swiss 1 Fed Com #707H
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-181	2/8/2024	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-182	2/8/2024	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-183	2/8/2024	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-184	2/8/2024	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-185	2/8/2024	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-186	2/8/2024	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-187	2/8/2024	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-188	2/8/2024	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-189	2/8/2024	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-190	2/8/2024	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-191	2/8/2024	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-192	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-193	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-194	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-195	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-196	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-197	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-198	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-199	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-200	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-201	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-202	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-203	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-204	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-205	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-206	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-207	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-208	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-209	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-210	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
Regulatory Criteria [A]			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

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

Table 2
EOG Resources
Lacey Swiss 1 Fed Com #707H
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-211	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-212	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-213	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-214	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-215	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-216	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-217	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-218	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-219	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-220	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-221	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-222	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-223	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-224	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-225	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-226	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-227	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-228	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-229	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-230	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-231	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-232	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-233	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-234	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-235	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-236	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-237	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-238	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-239	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-240	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
Regulatory Criteria [A]			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

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

Table 2
EOG Resources
Lacey Swiss 1 Fed Com #707H
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-241	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-242	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-243	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-244	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-245	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-246	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-247	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-248	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-249	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-250	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-251	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-252	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-253	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-254	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-255	2/14/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-256	2/14/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-257	2/14/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-258	2/14/2024	1.5	<10.0	45.8	<10.0	45.8	<0.050	<0.050	<0.050	<0.150	<0.300	416
CS-259	2/14/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-260	2/14/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-261	2/14/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-262	2/14/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-263	2/14/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-264	2/14/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-265	2/14/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-266	2/14/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-267	2/14/2024	1.5	<10.0	45.2	<10.0	45.2	<0.050	<0.050	<0.050	<0.150	<0.300	400
CS-268	2/14/2024	1.5	<10.0	58.9	<10.0	58.9	<0.050	<0.050	<0.050	<0.150	<0.300	320
CS-269	2/14/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-270	2/14/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
Regulatory Criteria [A]			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

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

Table 2
EOG Resources
Lacey Swiss 1 Fed Com #707H
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-271	2/14/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-272	2/14/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-273	2/14/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-274	2/14/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-275	2/14/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-276	2/14/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-277	2/14/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-278	2/14/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-279	2/14/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-280	2/14/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-281	2/14/2024	4.25	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	464
CS-282	2/14/2024	4.25	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	448
CS-283	2/14/2024	4.25	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	416
CS-284	2/14/2024	4.25	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	416
CS-285	2/14/2024	4.25	<10.0	35.6	<10.0	35.6	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0
CS-286	2/14/2024	4.25	<10.0	39.0	<10.0	39.0	<0.050	<0.050	<0.050	<0.150	<0.300	480
CS-287	2/14/2024	4.25	<10.0	38.9	<10.0	38.9	<0.050	<0.050	<0.050	<0.150	<0.300	448
CS-288	2/14/2024	4.25	<10.0	42.8	<10.0	42.8	<0.050	<0.050	<0.050	<0.150	<0.300	352
CS-289	2/14/2024	1.5	<10.0	13.9	<10.0	13.9	<0.050	<0.050	<0.050	<0.150	<0.300	384
CS-290	2/14/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-291	2/14/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-292	2/14/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-293	2/14/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-294	2/14/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-295	2/27/2024	4.25	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
Regulatory Criteria [A]			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

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

Table 2
EOG Resources
Lacey Swiss 1 Fed Com #707H
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-1	1/26/2024	4.5	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	130
SW-2	1/26/2024	3.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	155
SW-3	1/26/2024	4.5	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	128
SW-4	1/26/2024	1.0	<49.5	<49.5	<49.5	<49.5	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	114
SW-5	1/26/2024	2.0	<49.6	<49.6	<49.6	<49.6	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	137
SW-6	1/30/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-7	1/30/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-8	1/30/2024	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-9	1/30/2024	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-10	1/30/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-11	1/30/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-12	1/30/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-13	1/30/2024	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-14	1/31/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
SW-15	1/31/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
SW-16	1/31/2024	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
SW-17	1/31/2024	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
SW-18	1/31/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
SW-19	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
SW-20	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-21	2/2/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-22	2/2/2024	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-23	2/2/2024	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-24	2/2/2024	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-25	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-26	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-27	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-28	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
SW-29	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-30	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
Regulatory Criteria [A]			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

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

Table 2
EOG Resources
Lacey Swiss 1 Fed Com #707H
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-31	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-32	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-33	2/5/2024	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-34	2/5/2024	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-35	2/5/2024	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-36	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-37	2/5/2024	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-38	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-39	2/5/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-40	2/8/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	368
SW-41	2/8/2024	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	416
SW-42	2/8/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
SW-43	2/8/2024	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
SW-44	2/8/2024	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
SW-45	2/8/2024	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
SW-46	2/8/2024	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
SW-47	2/8/2024	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-48	2/8/2024	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-49	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-50	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-51	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-52	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-53	2/12/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-54	2/8/2024	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-55	2/14/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-56	2/14/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-57	2/14/2024	1.5	<10.0	20.2	<10.0	20.2	<0.050	<0.050	<0.050	<0.150	<0.300	400
SW-58	2/14/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304
SW-59	2/14/2024	4.25	<10.0	**159**	12.1	**171.1**	<0.050	<0.050	<0.050	<0.150	<0.300	432
	2/22/2024	4.25	<10.0	75.6	37.3	**112.9**	<0.050	<0.050	<0.050	<0.150	<0.300	416
	2/27/2024	4.25	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-60	2/14/2024	2.75	<10.0	**195**	23.6	**218.6**	<0.050	<0.050	<0.050	<0.150	<0.300	448
	2/22/2024	2.75	<10.0	81.3	45.7	**127**	<0.050	<0.050	<0.050	<0.150	<0.300	400
	2/27/2024	2.75	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
Regulatory Criteria [A]			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

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

Table 2
EOG Resources
Lacey Swiss 1 Fed Com #707H
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-61	2/14/2024	2.75	<10.0	**135**	14.9	**149.9**	<0.050	<0.050	<0.050	<0.150	<0.300	384
	2/22/2024	2.75	<10.0	87.8	59.8	**147.6**	<0.050	<0.050	<0.050	<0.150	<0.300	416
	2/27/2024	2.75	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-62	2/14/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
SW-63	2/14/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
SW-64	2/14/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	288
SW-65	2/14/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
SW-66	2/14/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
SW-67	2/14/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	288
SW-68	2/14/2024	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	288
Regulatory Criteria [A]			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

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

APPENDIX B

CARMONA RESOURCES

PHOTOGRAPHIC LOG

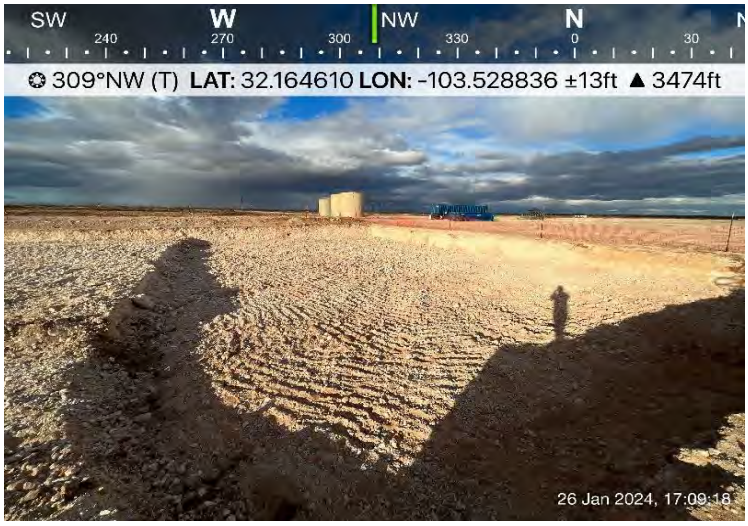
EOG Resources, Inc

Photograph No. 1

Facility: Lacey Swiss 1 Fed Com #707H

County: Lea County, New Mexico

Description:
View Northwest, area of CS-1 through CS-14.



Photograph No. 2

Facility: Lacey Swiss 1 Fed Com #707H

County: Lea County, New Mexico

Description:
View Northwest, area of CS-15 through CS-48.

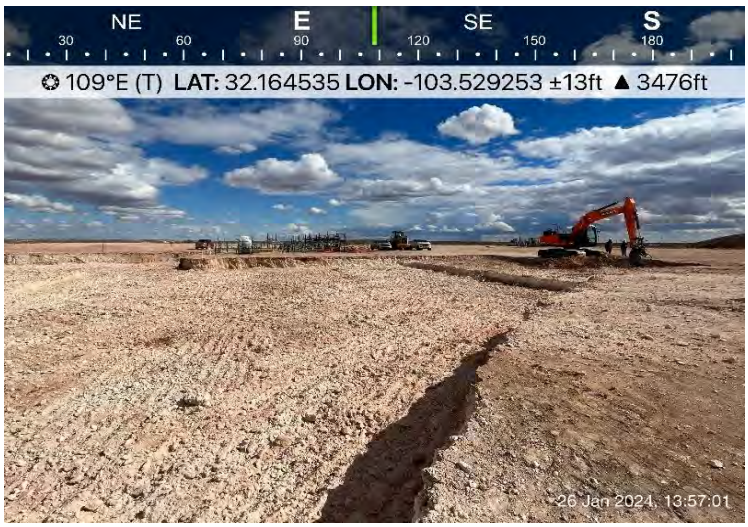


Photograph No. 3

Facility: Lacey Swiss 1 Fed Com #707H

County: Lea County, New Mexico

Description:
View East, area of CS-49 through CS-65



PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 4

Facility: Lacey Swiss 1 Fed Com #707H

County: Lea County, New Mexico

Description:
View Southeast, area of CS-66 through CS-77.



Photograph No. 5

Facility: Lacey Swiss 1 Fed Com #707H

County: Lea County, New Mexico

Description:
View Southeast, area of CS-78 through CS-136.



Photograph No. 6

Facility: Lacey Swiss 1 Fed Com #707H

County: Lea County, New Mexico

Description:
View Northwest, area of CS-137 through CS-154



PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 7

Facility: Lacey Swiss 1 Fed Com #707H

County: Lea County, New Mexico

Description:
View South, area of CS-155 through CS-173.



Photograph No. 8

Facility: Lacey Swiss 1 Fed Com #707H

County: Lea County, New Mexico

Description:
View East, area of CS-174 through CS-185.



Photograph No. 9

Facility: Lacey Swiss 1 Fed Com #707H

County: Lea County, New Mexico

Description:
View Southwest, area of CS-186 through CS-191.



PHOTOGRAPHIC LOG

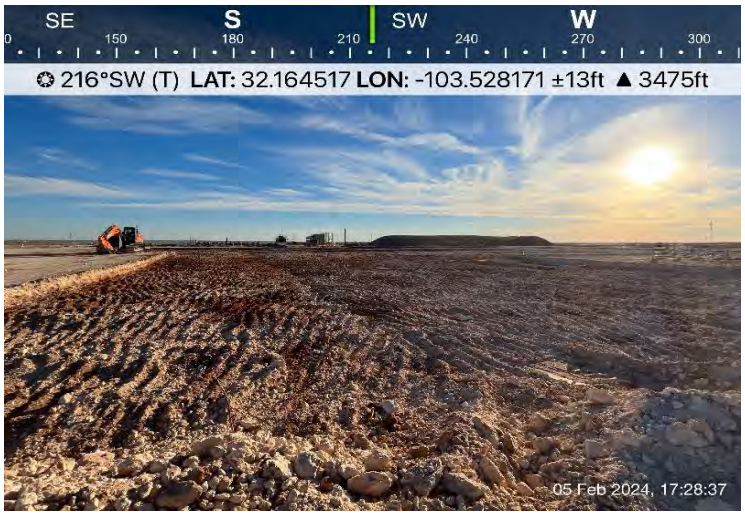
EOG Resources, Inc

Photograph No. 10

Facility: Lacey Swiss 1 Fed Com #707H

County: Lea County, New Mexico

Description:
View Southwest, area of CS-192 through CS-215.



Photograph No. 11

Facility: Lacey Swiss 1 Fed Com #707H

County: Lea County, New Mexico

Description:
View Northwest, area of CS-216 through CS-254.



Photograph No. 12

Facility: Lacey Swiss 1 Fed Com #707H

County: Lea County, New Mexico

Description:
View Southwest, area of CS-255 through CS-273.



PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 13

Facility: Lacey Swiss 1 Fed Com #707H

County: Lea County, New Mexico

Description:
View Northwest, area of CS-274 through CS-280.



Photograph No. 14

Facility: Lacey Swiss 1 Fed Com #707H

County: Lea County, New Mexico

Description:
View Southwest, area of CS-281 through CS-287, and CS-295.



Photograph No. 15

Facility: Lacey Swiss 1 Fed Com #707H

County: Lea County, New Mexico

Description:
View West, area of CS-288 through CS-294.



APPENDIX C

CARMONA RESOURCES



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

State of New Mexico
Energy Minerals and Natural Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

Incident ID	nAPP2235350956
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party EOG Resources	OGRID 7377
Contact Name Todd Wells	Contact Telephone (432) 686-3613
Contact email Todd_Wells@eogresources.com	Incident # *(assigned by OCD)* nAPP2235350956
Contact mailing address 5509 Champions Drive Midland, TX 79706	

Location of Release Source

Latitude 32.164400° Longitude -103.528400°
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Lacey Swiss 1 Fed Com #707H	Site Type Well Pad
Date Release Discovered 12/11/22	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
F	1	25S	33E	Lea

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (*Name:* _____)

Nature and Volume of Release

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

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Reuse Water	Volume Released (bbls) 85	Volume Recovered (bbls) 75
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☒ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: During completions operations, the operator was pumping the treated reuse water into the wrong pumpdown tank, causing the tank to overflow and release on to the pad. Approximately 85 bbls of treated reuse water was released on the pad and 75 bbls recovered.

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2235350956
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? More than 25 bbls.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Email to the OCD Enviro inbox on 12/12/22.	

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.

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

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

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

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

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

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

Printed Name: Todd Wells Title: Environmental Specialist

Signature: Todd Wells Date: 12-19-22

email: Todd_Wells@eogresources.com Telephone: (432) 686-3613

OCD Only

Received by: Jocelyn Harimon Date: 12/19/2022

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

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

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

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

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

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

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: _____ Title: _____

Signature: Todd Wells Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

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

☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☐ Description of remediation activities

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

Printed Name: _____ Title: _____

Signature: Todd Wells Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

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

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

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 168399
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141	12/19/2022

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

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

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 230179
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Remediation plan is approved as written. EOG has 90-days (December 18, 2023) to submit its appropriate or final closure report.	9/18/2023

Ashton Thielke

From: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Sent: Friday, October 13, 2023 12:24 PM
To: Ashton Thielke
Subject: Re: [EXTERNAL] nAPP2235350956 - Lacey Swiss 1 Fed Com #707H - Sampling Variance Request

Good afternoon Ashton,

Your variance request is approved.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

Regards,

Nelson Velez ● Environmental Specialist - Adv
Environmental Bureau | EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
(505) 469-6146 | nelson.velez@emnrd.nm.gov
http://www.emnrd.state.nm.us/OCD/

From: Ashton Thielke <ThielkeA@carmonaresources.com>
Sent: Friday, October 13, 2023 10:22 AM
To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Subject: [EXTERNAL] nAPP2235350956 - Lacey Swiss 1 Fed Com #707H - Sampling Variance Request

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

Good morning Mr. Velez,

I wanted to reach out to you to get your approval before moving forward with this remediation in the next week or two. Previously we have submitted a work plan that included the request for five-point composite bottom floor hole and sidewall sampling to represent no greater than 500 square feet, which was approved on 09.18.2023.
A groundwater determination bore was installed onsite and drilled to a depth of 58’ and did not show any signs of moisture during or after 72 hours of drilling.
This is all located within a low karst area. (see attached document)
We would like confirmation to move forward with remediation utilizing both confirmation sampling to represent no more than 500 square feet as well as remediating impacted soils that exceeds standards found in Table 1 of 19.15.29.12 NMAC (51 feet – 100 feet).

Pending your approval, remediation will begin and a copy of this correspondence will be included in the final report file.

Feel free to give me a call to review and discuss further.

Thank you for your time.

Ashton Thielke
Senior Project Manager
310 West Wall Street, Suite 500
Midland TX, 79701
M: 432-813-8988 C: 281-753-5659
ThielkeA@carmonaresources.com

CARMONA RESOURCES

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

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

QUESTIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 307163
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2235350956**
Incident Name	**NAPP2235350956 LACEY SWISS 1 FED COM #707H @ 0**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Plan Approved**

Location of Release Source	
Site Name	**LACEY SWISS 1 FED COM #707H**
Date Release Discovered	**12/11/2022**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	6,720
What is the estimated number of samples that will be gathered	19
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/26/2024
Time sampling will commence	10:00 AM
Please provide any information necessary for observers to contact samplers	Mike with Carmona Resources, (432) 813-1992
Please provide any information necessary for navigation to sampling site	From the intersections of Delaware Basin Road & NM-128, travel west for 1.4 miles, then turn left on Vaca Ln. Travel south for 2.3 miles then turn right, travel southwest 1.2 miles then turn east 0.2 miles to location.

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

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

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 307163
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
todd wells	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	1/24/2024

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

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

QUESTIONS

Action 308316

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 308316
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2235350956**
Incident Name	**NAPP2235350956 LACEY SWISS 1 FED COM #707H @ 0**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Plan Approved**

Location of Release Source	
Site Name	**LACEY SWISS 1 FED COM #707H**
Date Release Discovered	**12/11/2022**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	9,984
What is the estimated number of samples that will be gathered	28
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/30/2024
Time sampling will commence	10:00 AM
Please provide any information necessary for observers to contact samplers	Mike Carmona (432) 813-1992
Please provide any information necessary for navigation to sampling site	Mike Carmona (432) 813-1992

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

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

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 308316
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
todd wells	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	1/26/2024

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

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

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 308859
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2235350956**
Incident Name	**NAPP2235350956 LACEY SWISS 1 FED COM #707H @ 0**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Plan Approved**

Location of Release Source	
Site Name	**LACEY SWISS 1 FED COM #707H**
Date Release Discovered	**12/11/2022**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	15,244
What is the estimated number of samples that will be gathered	36
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/31/2024
Time sampling will commence	10:00 AM
Please provide any information necessary for observers to contact samplers	Mike Carmona (432) 813-1992
Please provide any information necessary for navigation to sampling site	Mike Carmona (432) 813-1992

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

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

CONDITIONS

Action 308859

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 308859
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
todd wells	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	1/29/2024

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

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

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 310040
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2235350956**
Incident Name	**NAPP2235350956 LACEY SWISS 1 FED COM #707H @ 0**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Plan Approved**

Location of Release Source	
Site Name	**LACEY SWISS 1 FED COM #707H**
Date Release Discovered	**12/11/2022**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	22,090
What is the estimated number of samples that will be gathered	55
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/02/2024
Time sampling will commence	03:00 PM
Please provide any information necessary for observers to contact samplers	Mike Carmona (432) 813-1992
Please provide any information necessary for navigation to sampling site	Mike Carmona (432) 813-1992

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

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

CONDITIONS

Action 310040

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 310040
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
todd wells	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	1/31/2024

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

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

QUESTIONS

Action 310057

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 310057
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2235350956**
Incident Name	**NAPP2235350956 LACEY SWISS 1 FED COM #707H @ 0**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Plan Approved**

Location of Release Source	
Site Name	**LACEY SWISS 1 FED COM #707H**
Date Release Discovered	**12/11/2022**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	22,090
What is the estimated number of samples that will be gathered	55
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/05/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Mike Carmona (432) 813-1992
Please provide any information necessary for navigation to sampling site	Mike Carmona (432) 813-1992

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

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

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 310057
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
todd wells	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	1/31/2024

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

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

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 311723
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2235350956**
Incident Name	**NAPP2235350956 LACEY SWISS 1 FED COM #707H @ 0**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Plan Approved**

Location of Release Source	
Site Name	**LACEY SWISS 1 FED COM #707H**
Date Release Discovered	**12/11/2022**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	17,892
What is the estimated number of samples that will be gathered	46
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/08/2024
Time sampling will commence	10:00 AM
Please provide any information necessary for observers to contact samplers	Mike Carmona (432) 813-1992
Please provide any information necessary for navigation to sampling site	Mike Carmona (432) 813-1992

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

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

CONDITIONS

Operator:	OGRID:
EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	7377
	Action Number: 311723
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
todd wells	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/6/2024

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

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

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 312628
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2235350956**
Incident Name	**NAPP2235350956 LACEY SWISS 1 FED COM #707H @ 0**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Plan Approved**

Location of Release Source	
Site Name	**LACEY SWISS 1 FED COM #707H**
Date Release Discovered	**12/11/2022**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	31,240
What is the estimated number of samples that will be gathered	68
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/12/2024
Time sampling will commence	12:00 PM
Please provide any information necessary for observers to contact samplers	Mike Carmona (432) 813-1992
Please provide any information necessary for navigation to sampling site	Mike Carmona (432) 813-1992

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

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

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 312628
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
todd wells	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/8/2024

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

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

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 313419
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2235350956**
Incident Name	**NAPP2235350956 LACEY SWISS 1 FED COM #707H @ 0**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Plan Approved**

Location of Release Source	
Site Name	**LACEY SWISS 1 FED COM #707H**
Date Release Discovered	**12/11/2022**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	25,494
What is the estimated number of samples that will be gathered	55
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/14/2024
Time sampling will commence	12:30 PM
Please provide any information necessary for observers to contact samplers	Mike Carmona (432) 813-1992
Please provide any information necessary for navigation to sampling site	Mike Carmona (432) 813-1992

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

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

CONDITIONS

Action 313419

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 313419
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
todd wells	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/12/2024

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

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

QUESTIONS

Action 316073

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 316073
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2235350956**
Incident Name	**NAPP2235350956 LACEY SWISS 1 FED COM #707H @ 0**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Plan Approved**

Location of Release Source	
Site Name	**LACEY SWISS 1 FED COM #707H**
Date Release Discovered	**12/11/2022**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	350
What is the estimated number of samples that will be gathered	3
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/22/2024
Time sampling will commence	03:00 PM
Please provide any information necessary for observers to contact samplers	Mike Carmona (432) 813-1992
Please provide any information necessary for navigation to sampling site	Mike Carmona (432) 813-1992

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

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

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 316073
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
todd wells	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/20/2024

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

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

QUESTIONS

Action 317083

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 317083
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2235350956**
Incident Name	**NAPP2235350956 LACEY SWISS 1 FED COM #707H @ 0**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Plan Approved**

Location of Release Source	
Site Name	**LACEY SWISS 1 FED COM #707H**
Date Release Discovered	**12/11/2022**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	160
What is the estimated number of samples that will be gathered	4
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/27/2024
Time sampling will commence	03:00 PM
Please provide any information necessary for observers to contact samplers	Mike Carmona (432) 813-1992
Please provide any information necessary for navigation to sampling site	Mike Carmona (432) 813-1992

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

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

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 317083
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
todd wells	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/23/2024

APPENDIX D

CARMONA RESOURCES



Nearest Water Well

EOG Resources

Legend

- 0.50 Mile Radius
- 1.90 Miles
- 1.91 Miles
- 1.94 Miles
- 2.20 Miles
- Groundwater Determination Bore
- Lacey Swiss 1 Fed Com #707H
- NMSEO Water Well
- USGS Water Well

30' - Drilled 1912

17.56' - Drilled 1991

Hearns pit

Lacey Swiss 1 Fed Com #707H

GWDB - 58' - Drilled 2023

BTA VACA DRAW PIT

185' Drilled 1993

185' Drilled 1993

2

N

1 mi

Received by OCD: 7/24/2024 3:36:41 PM

LOW KARST

EOG Resources

Legend

Low

Lacey Swiss 1 Fed Com 707H

2

Lacey Swiss 1 Fed Com 707H

Google Earth

700 ft

N

Released to Imaging: 7/30/2024 11:50:05 AM

New Mexico Office of the State Engineer
Water Column/Average Depth to Water

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

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

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
C 02312		CUB	LE	1	2	1	05	25S	33E	632292	3559772	150	90	60
C 02313		CUB	LE	2	3	3	26	25S	33E	636971	3552098*	150	110	40
C 02373 CLW317846	O	CUB	LE	2	1	1	13	25S	33E	638518	3556544*	625	185	440
C 02373 S		CUB	LE	1	2	1	13	25S	33E	638721	3556549*	625	185	440
C 04537 POD1		C	LE	4	4	4	31	25S	33E	631847	3550243	500	280	220
C 04627 POD1		CUB	LE	3	3	4	08	25S	33E	632665	3556725			

Average Depth to Water: **170 feet**

Minimum Depth: **90 feet**

Maximum Depth: **280 feet**

Record Count: 6

PLSS Search:

Township: 25S **Range:** 33E

***UTM location was derived from PLSS - see Help**

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

New Mexico Office of the State Engineer
Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	C 02373 CLW317846	2	1	1	13	25S	33E	638518	3556544*

Driller License: 421 **Driller Company:** GLENN'S WATER WELL SERVICE

Driller Name:

Drill Start Date:	09/08/1993	**Drill Finish Date:**	09/08/1993	**Plug Date:**	
Log File Date:		**PCW Rcv Date:**	02/09/1996	**Source:**	Shallow
Pump Type:	SUBMER	**Pipe Discharge Size:**	2	**Estimated Yield:**	60 GPM
Casing Size:	6.63	**Depth Well:**	625 feet	**Depth Water:**	185 feet

***UTM location was derived from PLSS - see Help**

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

New Mexico Office of the State Engineer
Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) Q64	Q16	Q4	Sec	Twn	Rng	(NAD83 UTM in meters) X	Y
	C 02373 S	1	2	1	13	25S	33E	638721	3556549*

Driller License: 421 **Driller Company:** GLENN'S WATER WELL SERVICE

Driller Name:

Drill Start Date:	09/08/1993	**Drill Finish Date:**	09/08/1993	**Plug Date:**	
Log File Date:		**PCW Rcv Date:**	02/09/1996	**Source:**	Shallow
Pump Type:	SUBMER	**Pipe Discharge Size:**	2	**Estimated Yield:**	60 GPM
Casing Size:	6.63	**Depth Well:**	625 feet	**Depth Water:**	185 feet

Meter Number:	581	**Meter Make:**	WATERSPECIAL
Meter Serial Number:	9549683	**Meter Multiplier:**	100.0000
Number of Dials:	6	**Meter Type:**	Diversion
Unit of Measure:	Gallons	**Return Flow Percent:**	
Usage Multiplier:		**Reading Frequency:**	

Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount	Online
03/31/1999	1999	2206	A	ms		0	
06/30/1999	1999	2350	A	ms		0.186	
09/30/1999	1999	4567	A	ms		2.858	
01/06/2000	1999	6110	A	ms		1.989	
05/01/2000	2000	9350	A	mb		0	
06/30/2000	2000	10252	A	mb		0.277	
10/13/2000	2000	16915	A	RPT		2.045	
01/17/2001	2000	33917	A	RPT		5.218	
05/17/2001	2001	39208	A	RPT		1.624	
06/30/2001	2001	39212	A	RPT		0.001	
09/30/2001	2001	48868	A	RPT		2.963	
01/03/2002	2002	56680	A	RPT		2.397	
06/30/2002	2002	70870	A	RPT		4.355	
12/31/2002	2002	112683	A	RPT		12.832	
03/31/2003	2003	134871	A	RPT		6.809	
06/30/2003	2003	135029	A	RPT		0.048	
09/30/2003	2003	139662	A	ab		1.422	
12/31/2003	2003	145345	A	ab		1.744	
04/05/2004	2004	162284	A	RPT		5.198	
10/07/2004	2004	172774	A	tw		3.219	
01/01/2005	2004	180237	A	RPT		2.290	
04/01/2005	2005	183300	A	RPT		0.940	
07/01/2005	2005	183613	A	RPT		0.096	
10/10/2005	2005	185173	A	RPT		0.479	
01/01/2006	2005	185386	A	RPT		0.065	

03/31/2006	2006	186880	A	RPT		0.458
06/30/2006	2006	196667	A	tw		3.004
12/31/2006	2006	205842	A	tw		2.816
04/03/2007	2007	211071	A	RPT		1.605
07/01/2007	2007	211071	A	RPT		0
10/01/2007	2007	211071	A	RPT		0
12/03/2007	2007	211071	A	RPT		0
03/30/2008	2008	211071	A	RPT		0
06/30/2008	2008	211071	A	RPT		0
09/30/2008	2008	211071	A	RPT		0
12/30/2008	2008	211071	A	RPT		0
03/31/2010	2010	109594	R	RPT	Meter Rollover	275.747
06/30/2010	2010	156195	A	tw		14.301
09/30/2010	2010	199335	A	RPT		13.239
12/31/2010	2010	231813	A	RPT		9.967
04/01/2011	2011	263630	A	RPT		9.764

**YTD Meter Amounts:	Year	Amount
	1999	5.033
	2000	7.540
	2001	4.588
	2002	19.584
	2003	10.023
	2004	10.707
	2005	1.580
	2006	6.278
	2007	1.605
	2008	0
	2010	313.254
	2011	9.764

***UTM location was derived from PLSS - see Help**

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

National Water Information System: Web Interface

USGS Water Resources

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

Click to hideNews Bulletins

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

Groundwater levels for New Mexico

Click to hide state-specific text

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 321127103310401

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 321127103310401 24S.33E.24.44444

Lea County, New Mexico
Latitude 32°11'27", Longitude 103°31'04" NAD27
Land-surface elevation 3,538 feet above NAVD88
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Ogallala Formation (121OGLL) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
1953-11-27		D	62610		3518.95	NGVD29	1	Z		
1953-11-27		D	62611		3520.60	NAVD88	1	Z		
1953-11-27		D	72019	17.40			1	Z		
1976-01-21		D	62610		3522.78	NGVD29	1	Z		
1976-01-21		D	62611		3524.43	NAVD88	1	Z		
1976-01-21		D	72019	13.57			1	Z		
1981-03-19		D	62610		3520.32	NGVD29	1	Z		
1981-03-19		D	62611		3521.97	NAVD88	1	Z		
1981-03-19		D	72019	16.03			1	Z		
1986-03-06		D	62610		3521.55	NGVD29	1	Z		
1986-03-06		D	62611		3523.20	NAVD88	1	Z		
1986-03-06		D	72019	14.80			1	Z		
1991-05-29		D	62610		3518.79	NGVD29	1	Z		
1991-05-29		D	62611		3520.44	NAVD88	1	Z		
1991-05-29		D	72019	17.56			1	Z		

Explanation

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

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

Accessibility FOIA Privacy Policies and Notices

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

Page Contact Information: New Mexico Water Data Maintainer
Page Last Modified: 2023-02-03 15:33:42 EST
0.34 0.28 nadww02

New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Twn	Rng	X	Y
	C 02309	2	2	2	25	24S	33E	639708	3562997

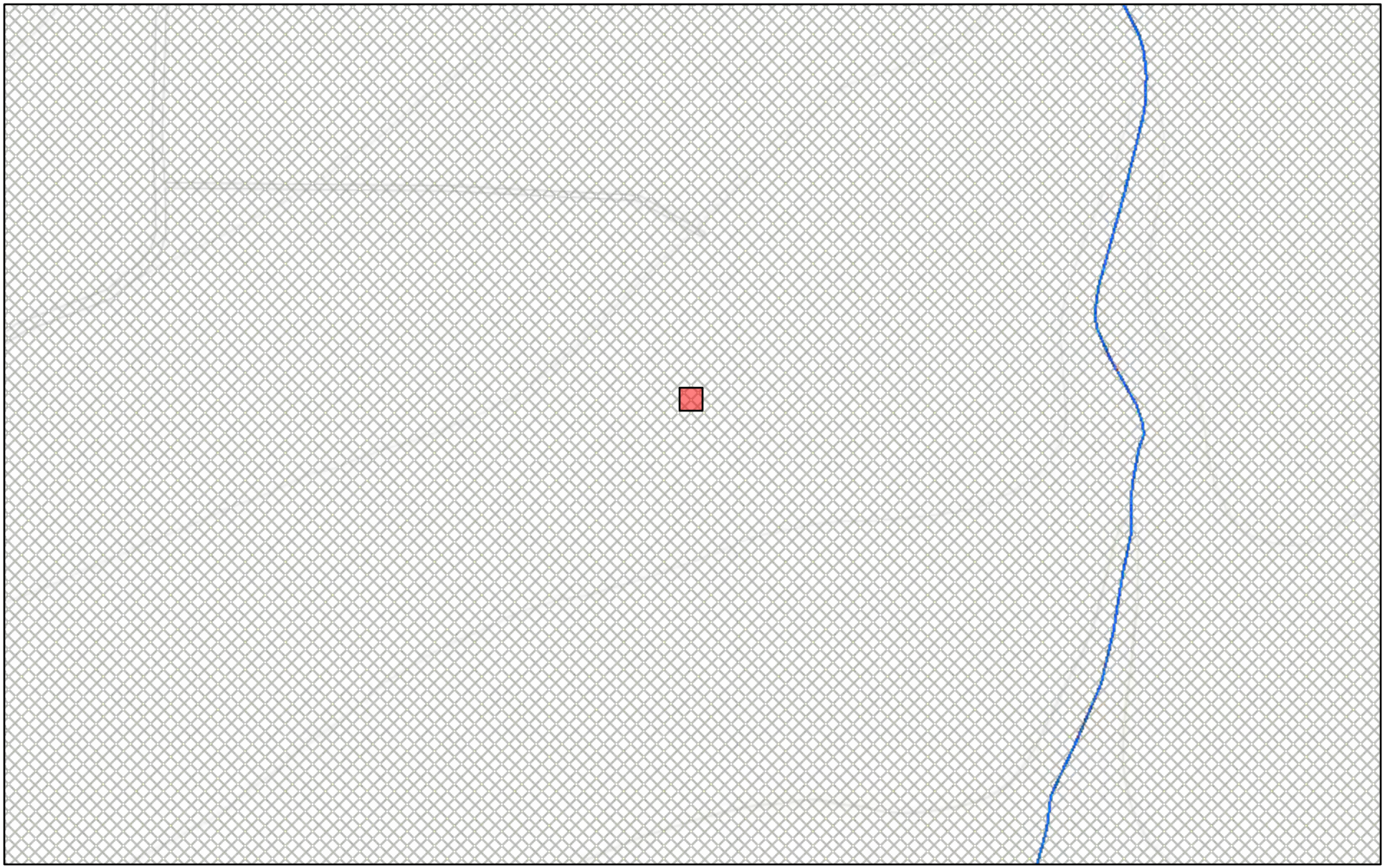
Driller License: **Driller Company:**

Driller Name: UNKNOWN

Drill Start Date:	01/01/1912	**Drill Finish Date:**	06/30/1912	**Plug Date:**	
Log File Date:		**PCW Rcv Date:**		**Source:**	
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	40 GPM
Casing Size:	7.00	**Depth Well:**	60 feet	**Depth Water:**	30 feet

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

New Mexico NFHL Data



January 31, 2023

1:4,514

0 0.03 0.07 0.13 mi

0 0.05 0.1 0.2 km

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

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

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

CARMONA RESOURCES

Project Name :	**EOG - Lacey Swiss 1 Fed Com #707H**	**Date :**	**Wednesday, July 12, 2023**
Project No. :	**1219**	**Sampler :**	**Lane Scarborough**
Location :	**Lea County, New Mexico**		
Coordinates :	**32.163721-103.5279600**	**Driller :**	**Scarborough Drilling**
Elevation :	**3,466'**	**Method :**	**Air Rotary**

Depth (ft.)	WL	Soil Description	Lithology
0		(0') - Light brown to tan calcium carbonate containing 25% sand, no odor, loose, dry, no organics (SP).	
5		(5') - Brown sandy silt, ,very soft, dry, no odor, no organics (SM).	
10		(10') - Light brown to tan calcium carbonate containing 25% sand, loose, dry, no odor, no organics (SP).	
15		(15') - Light brown to tan calcium carbonate containing 50% silty sand, loose, dry, no odor, no organics (SP).	
20		(20') - Light brown silty sand, medium dense, dry, no odor, no organics.(SM).	
25		(25') - Light brown sandy silt, weakly cemented, dry, no odor, no organics (SM).	
30		(30') - Red-brown clay, medium stiff to stiff, containing <25% silt particles, no odor, no organics, dry (CL).	
35		(35') - Red-brown clayey silt, medium dense to dense, dry, no odor, no organics (SC).	
40		(40') - yellow-brown clayey silt, medium dense, dry, no odor, no organics (SC).	
45		(45') - Light brown silt, loose, well graded, dry, no odor, no organics (SM).	
50			

Depth (ft.)	WL	Soil Description	Lithology
50		(50') - Red-brown clay, medium stiff to stiff, containing <25% silt particles, no odor, no organics, dry (CL).	
55		(55') - Red-brown clayey silt, medium dense to dense, dry, no odor, no organics (SC).	
60			
65			
70			
75			
80			
85			
90			
95			
105			

Comments : *Boring terminated at 58' with no presence of groundwater or moisture.*

EOG

Lacey Swiss 1 Fed Com #707H

Legend

- 0.50 Mile Radius
- Groundwater Determination Bore
- Site Location

Site Location

Groundwater Determination Bore

2

Google Earth

2000 ft

N

APPENDIX E

CARMONA RESOURCES



eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Conner Moehring
Carmona Resources
310 W Wall St
Ste 415
Midland, Texas 79701

Generated 4/3/2023 4:09:00 PM

JOB DESCRIPTION

Lacey Swiss 1 Fed Com 707H
SDG NUMBER Lea County, New Mexico

JOB NUMBER

880-26282-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 7/30/2024 11:36:05 AM

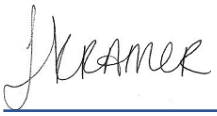
my EOL

Eurofins Midland

Job Notes

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
4/3/2023 4:09:00 PM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 6
Client Sample Results 8
Surrogate Summary 76
QC Sample Results 82
QC Association Summary 104
Lab Chronicle 124
Certification Summary 152
Method Summary 153
Sample Summary 154
Chain of Custody 156
Receipt Checklists 166

Definitions/Glossary

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)

Definitions/Glossary

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Job ID: 880-26282-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-26282-1

Receipt
The samples were received on 3/23/2023 11:43 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.0°C

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: T-1 (0-1) (880-26282-1), T-1 (1.5) (880-26282-2), T-1 (2) (880-26282-3), T-2 (0-1) (880-26282-4), T-2 (1.5) (880-26282-5), T-2 (2) (880-26282-6), T-2 (3) (880-26282-7), T-2 (4) (880-26282-8), T-3 (0-1) (880-26282-9), T-3 (1.5) (880-26282-10), T-3 (2) (880-26282-11), T-4 (0-1) (880-26282-12), T-4 (1.5) (880-26282-13), T-4 (2) (880-26282-14), T-5 (0-1) (880-26282-15), T-5 (1.5) (880-26282-16), T-5 (2) (880-26282-17), T-5 (3) (880-26282-18), T-5 (4) (880-26282-19), T-6 (0-1) (880-26282-20), T-6 (1.5) (880-26282-21), T-6 (2) (880-26282-22), T-7 (0-1) (880-26282-23), T-7 (1.5) (880-26282-24), T-7 (2) (880-26282-25), T-8 (0-1) (880-26282-26), T-8 (1.5) (880-26282-27), T-8 (2) (880-26282-28), T-9 (0-1) (880-26282-29), T-9 (1.5) (880-26282-30), T-9 (2) (880-26282-31), T-9 (3) (880-26282-32), T-10 (0-1) (880-26282-33), T-10 (1.5) (880-26282-34), T-10 (2) (880-26282-35), T-10 (3) (880-26282-36), T-11 (0-1) (880-26282-37), T-11 (1,5) (880-26282-38), T-11 (2) (880-26282-39), T-11 (3) (880-26282-40), T-12 (0-1) (880-26282-41), T-12 (1.5) (880-26282-42), T-12 (2) (880-26282-43), T-12 (3) (880-26282-44), T-13 (0-1) (880-26282-45), T-13 (1.5) (880-26282-46), T-13 (2) (880-26282-47), T-13 (3) (880-26282-48), T-14 (0-1) (880-26282-49), T-14 (1.5) (880-26282-50), T-14 (2) (880-26282-51), T-14 (3) (880-26282-52), T-14 (4) (880-26282-53), T-14 (5) (880-26282-54), T-14 (6) (880-26282-55), T-15 (0-1) (880-26282-56), T-15 (1.5) (880-26282-57), T-15 (2) (880-26282-58), T-15 (3) (880-26282-59), T-15 (4) (880-26282-60), T-15 (5) (880-26282-61), T-16 (0-1) (880-26282-62), T-16 (1,5) (880-26282-63), T-16 (2) (880-26282-64), T-16 (3) (880-26282-65), T-17 (0-1) (880-26282-66), T-17 (1.5) (880-26282-67), T-17 (2) (880-26282-68), T-17 (3) (880-26282-69), T-17 (4) (880-26282-70), T-17 (5) (880-26282-71), T-18 (0-1) (880-26282-72), T-18 (1.5) (880-26282-73), T-18 (2) (880-26282-74), T-18 (3) (880-26282-75), T-18 (4) (880-26282-76), T-19 (0-1) (880-26282-77), T-19 (1.5) (880-26282-78), T-19 (2) (880-26282-79), T-19 (3) (880-26282-80), T-19 (4) (880-26282-81), T-19 (5) (880-26282-82), T-20 (0-1) (880-26282-83), T-20 (1.5) (880-26282-84), T-20 (2) (880-26282-85), T-20 (3) (880-26282-86), T-21 (0-1) (880-26282-87), T-21 (1.5) (880-26282-88), T-21 (2) (880-26282-89) and T-21 (3) (880-26282-90).

GC VOA
Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-49660 and analytical batch 880-49870 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-49666 and analytical batch 880-49917 were outside control limits for one or more analytes, see QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: T-1 (0-1) (880-26282-1), T-1 (1.5) (880-26282-2), T-1 (2) (880-26282-3), T-2 (0-1) (880-26282-4), T-2 (1.5) (880-26282-5), T-2 (2) (880-26282-6), T-2 (3) (880-26282-7), T-2 (4) (880-26282-8), T-3 (0-1) (880-26282-9), T-3 (1.5) (880-26282-10), T-3 (2) (880-26282-11), T-4 (0-1) (880-26282-12), T-4 (1.5) (880-26282-13), T-4 (2) (880-26282-14), T-5 (0-1) (880-26282-15), T-5 (1.5) (880-26282-16), T-5 (2) (880-26282-17), T-5 (3) (880-26282-18), T-5 (4) (880-26282-19), T-6 (0-1) (880-26282-20), (CCV 880-49870/2), (CCV 880-49870/20), (LCS 880-49660/1-A), (LCSD 880-49660/2-A), (MB 880-49660/5-A), (880-26282-A-1-G MS) and (880-26282-A-1-H MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA
Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-49333 and analytical batch 880-49279 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: T-19 (5) (880-26282-82) and T-20 (0-1) (880-26282-83). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Case Narrative

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Job ID: 880-26282-1 (Continued)

Laboratory: Eurofins Midland (Continued)

Method 8015MOD_NM: An incorrect volume of spiking solution was inadvertently added to the laboratory control sample (LCS), associated with preparation batch 880-49372 and analytical batch 880-49360. Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-49372 and analytical batch 880-49360 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10 and Diesel Range Organics (Over C10-C28).

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-49372/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: T-17 (0-1) (880-26282-66), T-18 (0-1) (880-26282-72) and T-19 (0-1) (880-26282-77). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-49451 and analytical batch 880-49473 was outside control limits. Sample non-homogeneity is suspected.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-49608 and analytical batch 880-49682 were outside control limits for one or more analytes, see QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.T-9 (2) (880-26282-31), T-9 (3) (880-26282-32), T-10 (0-1) (880-26282-33), T-10 (1.5) (880-26282-34), T-10 (2) (880-26282-35), T-10 (3) (880-26282-36), T-11 (0-1) (880-26282-37), T-11 (1,5) (880-26282-38), T-11 (2) (880-26282-39), T-11 (3) (880-26282-40), (880-26282-A-31-C MS) and (880-26282-A-31-D MSD)

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-49606 and analytical batch 880-49681 were outside control limits for one or more analytes, see QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.T-3 (2) (880-26282-11), T-4 (0-1) (880-26282-12), T-4 (1.5) (880-26282-13), T-4 (2) (880-26282-14), T-5 (0-1) (880-26282-15), T-5 (1.5) (880-26282-16), T-5 (2) (880-26282-17), T-5 (3) (880-26282-18), T-5 (4) (880-26282-19), T-6 (0-1) (880-26282-20), (880-26282-A-11-C MS) and (880-26282-A-11-D MSD)

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-49609 and 880-49609 and analytical batch 880-49756 were outside control limits for one or more analytes, see QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.T-12 (0-1) (880-26282-41), T-12 (1.5) (880-26282-42), T-12 (2) (880-26282-43), T-12 (3) (880-26282-44), T-13 (0-1) (880-26282-45), T-13 (1.5) (880-26282-46), T-13 (2) (880-26282-47), T-13 (3) (880-26282-48), T-14 (0-1) (880-26282-49), T-14 (1.5) (880-26282-50), (880-26282-A-41-E MS) and (880-26282-A-41-F MSD)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (0-1)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-1
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:22	03/29/23 19:51	1
Toluene	<0.00199	U F1	0.00199		mg/Kg		03/27/23 16:22	03/29/23 19:51	1
Ethylbenzene	<0.00199	U *+ F1	0.00199		mg/Kg		03/27/23 16:22	03/29/23 19:51	1
m-Xylene & p-Xylene	<0.00398	U *+ F1	0.00398		mg/Kg		03/27/23 16:22	03/29/23 19:51	1
o-Xylene	<0.00199	U *+ F2 F1	0.00199		mg/Kg		03/27/23 16:22	03/29/23 19:51	1
Xylenes, Total	<0.00398	U *+ F1	0.00398		mg/Kg		03/27/23 16:22	03/29/23 19:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*157*	*S1+*	*70 - 130*	*03/27/23 16:22*	*03/29/23 19:51*	*1*
1,4-Difluorobenzene (Surr)	*76*		*70 - 130*	*03/27/23 16:22*	*03/29/23 19:51*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/30/23 15:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**3400**		49.9		mg/Kg			03/24/23 12:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**75.5**	**F1 F2**	49.9		mg/Kg		03/23/23 14:16	03/23/23 21:16	1
Diesel Range Organics (Over C10-C28)	**3320**	**F1**	49.9		mg/Kg		03/23/23 14:16	03/23/23 21:16	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/23/23 14:16	03/23/23 21:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*03/23/23 14:16*	*03/23/23 21:16*	*1*
o-Terphenyl	*89*		*70 - 130*	*03/23/23 14:16*	*03/23/23 21:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8470**		50.4		mg/Kg			03/28/23 13:29	10

Client Sample ID: T-1 (1.5)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-2
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/27/23 16:22	03/29/23 20:17	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/27/23 16:22	03/29/23 20:17	1
Ethylbenzene	<0.00198	U *+	0.00198		mg/Kg		03/27/23 16:22	03/29/23 20:17	1
m-Xylene & p-Xylene	<0.00396	U *+	0.00396		mg/Kg		03/27/23 16:22	03/29/23 20:17	1
o-Xylene	<0.00198	U *+	0.00198		mg/Kg		03/27/23 16:22	03/29/23 20:17	1
Xylenes, Total	<0.00396	U *+	0.00396		mg/Kg		03/27/23 16:22	03/29/23 20:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*189*	*S1+*	*70 - 130*	*03/27/23 16:22*	*03/29/23 20:17*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*03/27/23 16:22*	*03/29/23 20:17*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (1.5)

Lab Sample ID: 880-26282-2
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			03/30/23 15:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**78.5**		50.0		mg/Kg			03/24/23 12:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/23/23 14:16	03/23/23 22:21	1
Diesel Range Organics (Over C10-C28)	**78.5**		50.0		mg/Kg		03/23/23 14:16	03/23/23 22:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/23/23 14:16	03/23/23 22:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*03/23/23 14:16*	*03/23/23 22:21*	*1*
o-Terphenyl	*93*		*70 - 130*	*03/23/23 14:16*	*03/23/23 22:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**220**		4.97		mg/Kg			03/28/23 13:43	1

Client Sample ID: T-1 (2)

Lab Sample ID: 880-26282-3
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:22	03/29/23 20:43	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:22	03/29/23 20:43	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		03/27/23 16:22	03/29/23 20:43	1
m-Xylene & p-Xylene	<0.00398	U *+	0.00398		mg/Kg		03/27/23 16:22	03/29/23 20:43	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		03/27/23 16:22	03/29/23 20:43	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		03/27/23 16:22	03/29/23 20:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*187*	*S1+*	*70 - 130*	*03/27/23 16:22*	*03/29/23 20:43*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*03/27/23 16:22*	*03/29/23 20:43*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/30/23 15:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/24/23 12:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/23/23 14:16	03/23/23 22:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/23/23 14:16	03/23/23 22:42	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (2)

Lab Sample ID: 880-26282-3
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/23/23 14:16	03/23/23 22:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*03/23/23 14:16*	*03/23/23 22:42*	*1*
o-Terphenyl	*94*		*70 - 130*	*03/23/23 14:16*	*03/23/23 22:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**71.8**		4.99		mg/Kg			03/27/23 20:08	1

Client Sample ID: T-2 (0-1)

Lab Sample ID: 880-26282-4
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:22	03/29/23 21:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:22	03/29/23 21:09	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		03/27/23 16:22	03/29/23 21:09	1
m-Xylene & p-Xylene	<0.00399	U *+	0.00399		mg/Kg		03/27/23 16:22	03/29/23 21:09	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		03/27/23 16:22	03/29/23 21:09	1
Xylenes, Total	<0.00399	U *+	0.00399		mg/Kg		03/27/23 16:22	03/29/23 21:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*174*	*S1+*	*70 - 130*	*03/27/23 16:22*	*03/29/23 21:09*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*03/27/23 16:22*	*03/29/23 21:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/30/23 15:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**85.7**		49.9		mg/Kg			03/24/23 12:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/23/23 14:16	03/23/23 23:04	1
Diesel Range Organics (Over C10-C28)	**85.7**		49.9		mg/Kg		03/23/23 14:16	03/23/23 23:04	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/23/23 14:16	03/23/23 23:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*108*		*70 - 130*	*03/23/23 14:16*	*03/23/23 23:04*	*1*
o-Terphenyl	*99*		*70 - 130*	*03/23/23 14:16*	*03/23/23 23:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**22300**		248		mg/Kg			03/27/23 20:13	50

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (1.5)

Lab Sample ID: 880-26282-5
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/27/23 16:22	03/29/23 21:35	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/27/23 16:22	03/29/23 21:35	1
Ethylbenzene	<0.00201	U *+	0.00201		mg/Kg		03/27/23 16:22	03/29/23 21:35	1
m-Xylene & p-Xylene	<0.00402	U *+	0.00402		mg/Kg		03/27/23 16:22	03/29/23 21:35	1
o-Xylene	<0.00201	U *+	0.00201		mg/Kg		03/27/23 16:22	03/29/23 21:35	1
Xylenes, Total	<0.00402	U *+	0.00402		mg/Kg		03/27/23 16:22	03/29/23 21:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*202*	*S1+*	*70 - 130*	*03/27/23 16:22*	*03/29/23 21:35*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*03/27/23 16:22*	*03/29/23 21:35*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/30/23 15:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/24/23 12:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/23/23 14:16	03/23/23 23:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/23/23 14:16	03/23/23 23:25	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/23/23 14:16	03/23/23 23:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*03/23/23 14:16*	*03/23/23 23:25*	*1*
o-Terphenyl	*86*		*70 - 130*	*03/23/23 14:16*	*03/23/23 23:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**168**		24.8		mg/Kg			03/27/23 20:17	5

Client Sample ID: T-2 (2)

Lab Sample ID: 880-26282-6
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:22	03/29/23 22:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:22	03/29/23 22:01	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		03/27/23 16:22	03/29/23 22:01	1
m-Xylene & p-Xylene	<0.00401	U *+	0.00401		mg/Kg		03/27/23 16:22	03/29/23 22:01	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		03/27/23 16:22	03/29/23 22:01	1
Xylenes, Total	<0.00401	U *+	0.00401		mg/Kg		03/27/23 16:22	03/29/23 22:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*185*	*S1+*	*70 - 130*	*03/27/23 16:22*	*03/29/23 22:01*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*03/27/23 16:22*	*03/29/23 22:01*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (2)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-6
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			03/30/23 15:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/24/23 12:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/23/23 14:16	03/23/23 23:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/23/23 14:16	03/23/23 23:47	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/23/23 14:16	03/23/23 23:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*03/23/23 14:16*	*03/23/23 23:47*	*1*
o-Terphenyl	*85*		*70 - 130*	*03/23/23 14:16*	*03/23/23 23:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2460**		25.1		mg/Kg			03/27/23 20:32	5

Client Sample ID: T-2 (3)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-7
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/27/23 16:22	03/29/23 22:27	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/27/23 16:22	03/29/23 22:27	1
Ethylbenzene	<0.00198	U *+	0.00198		mg/Kg		03/27/23 16:22	03/29/23 22:27	1
m-Xylene & p-Xylene	<0.00396	U *+	0.00396		mg/Kg		03/27/23 16:22	03/29/23 22:27	1
o-Xylene	<0.00198	U *+	0.00198		mg/Kg		03/27/23 16:22	03/29/23 22:27	1
Xylenes, Total	<0.00396	U *+	0.00396		mg/Kg		03/27/23 16:22	03/29/23 22:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*224*	*S1+*	*70 - 130*	*03/27/23 16:22*	*03/29/23 22:27*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*03/27/23 16:22*	*03/29/23 22:27*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			03/30/23 15:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/24/23 12:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/23/23 14:16	03/24/23 00:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/23/23 14:16	03/24/23 00:08	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (3)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-7
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/23/23 14:16	03/24/23 00:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*03/23/23 14:16*	*03/24/23 00:08*	*1*
o-Terphenyl	*87*		*70 - 130*	*03/23/23 14:16*	*03/24/23 00:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1640**		25.2		mg/Kg			03/27/23 20:37	5

Client Sample ID: T-2 (4)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-8
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:22	03/29/23 22:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:22	03/29/23 22:52	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		03/27/23 16:22	03/29/23 22:52	1
m-Xylene & p-Xylene	<0.00398	U *+	0.00398		mg/Kg		03/27/23 16:22	03/29/23 22:52	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		03/27/23 16:22	03/29/23 22:52	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		03/27/23 16:22	03/29/23 22:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*191*	*S1+*	*70 - 130*	*03/27/23 16:22*	*03/29/23 22:52*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*03/27/23 16:22*	*03/29/23 22:52*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/30/23 15:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/24/23 12:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/23/23 14:16	03/24/23 00:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/23/23 14:16	03/24/23 00:30	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/23/23 14:16	03/24/23 00:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*03/23/23 14:16*	*03/24/23 00:30*	*1*
o-Terphenyl	*85*		*70 - 130*	*03/23/23 14:16*	*03/24/23 00:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**120**		5.00		mg/Kg			03/27/23 20:42	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (0-1)

Lab Sample ID: 880-26282-9
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/27/23 16:22	03/29/23 23:18	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/27/23 16:22	03/29/23 23:18	1
Ethylbenzene	<0.00201	U *+	0.00201		mg/Kg		03/27/23 16:22	03/29/23 23:18	1
m-Xylene & p-Xylene	<0.00402	U *+	0.00402		mg/Kg		03/27/23 16:22	03/29/23 23:18	1
o-Xylene	<0.00201	U *+	0.00201		mg/Kg		03/27/23 16:22	03/29/23 23:18	1
Xylenes, Total	<0.00402	U *+	0.00402		mg/Kg		03/27/23 16:22	03/29/23 23:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*199*	*S1+*	*70 - 130*	*03/27/23 16:22*	*03/29/23 23:18*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*03/27/23 16:22*	*03/29/23 23:18*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/30/23 15:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/24/23 12:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/23/23 14:16	03/24/23 00:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/23/23 14:16	03/24/23 00:51	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/23/23 14:16	03/24/23 00:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 130*	*03/23/23 14:16*	*03/24/23 00:51*	*1*
o-Terphenyl	*84*		*70 - 130*	*03/23/23 14:16*	*03/24/23 00:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5570**		49.8		mg/Kg			03/27/23 20:46	10

Client Sample ID: T-3 (1.5)

Lab Sample ID: 880-26282-10
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:22	03/29/23 23:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:22	03/29/23 23:44	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		03/27/23 16:22	03/29/23 23:44	1
m-Xylene & p-Xylene	<0.00401	U *+	0.00401		mg/Kg		03/27/23 16:22	03/29/23 23:44	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		03/27/23 16:22	03/29/23 23:44	1
Xylenes, Total	<0.00401	U *+	0.00401		mg/Kg		03/27/23 16:22	03/29/23 23:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*205*	*S1+*	*70 - 130*	*03/27/23 16:22*	*03/29/23 23:44*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*03/27/23 16:22*	*03/29/23 23:44*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (1.5)

Lab Sample ID: 880-26282-10
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			03/30/23 15:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/24/23 12:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/23/23 14:16	03/24/23 01:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/23/23 14:16	03/24/23 01:13	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/23/23 14:16	03/24/23 01:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*03/23/23 14:16*	*03/24/23 01:13*	*1*
o-Terphenyl	*83*		*70 - 130*	*03/23/23 14:16*	*03/24/23 01:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**85.9**		5.00		mg/Kg			03/27/23 20:51	1

Client Sample ID: T-3 (2)

Lab Sample ID: 880-26282-11
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/27/23 16:22	03/30/23 01:30	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/27/23 16:22	03/30/23 01:30	1
Ethylbenzene	<0.00198	U *+	0.00198		mg/Kg		03/27/23 16:22	03/30/23 01:30	1
m-Xylene & p-Xylene	<0.00396	U *+	0.00396		mg/Kg		03/27/23 16:22	03/30/23 01:30	1
o-Xylene	<0.00198	U *+	0.00198		mg/Kg		03/27/23 16:22	03/30/23 01:30	1
Xylenes, Total	<0.00396	U *+	0.00396		mg/Kg		03/27/23 16:22	03/30/23 01:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*172*	*S1+*	*70 - 130*	*03/27/23 16:22*	*03/30/23 01:30*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*03/27/23 16:22*	*03/30/23 01:30*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			03/30/23 15:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/24/23 12:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/23/23 14:16	03/24/23 01:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/23/23 14:16	03/24/23 01:56	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (2)

Lab Sample ID: 880-26282-11
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/23/23 14:16	03/24/23 01:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*85*		*70 - 130*	*03/23/23 14:16*	*03/24/23 01:56*	*1*
o-Terphenyl	*81*		*70 - 130*	*03/23/23 14:16*	*03/24/23 01:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**47.6**	**F1**	5.02		mg/Kg			03/27/23 20:56	1

Client Sample ID: T-4 (0-1)

Lab Sample ID: 880-26282-12
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:22	03/30/23 01:57	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:22	03/30/23 01:57	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		03/27/23 16:22	03/30/23 01:57	1
m-Xylene & p-Xylene	<0.00398	U *+	0.00398		mg/Kg		03/27/23 16:22	03/30/23 01:57	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		03/27/23 16:22	03/30/23 01:57	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		03/27/23 16:22	03/30/23 01:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*195*	*S1+*	*70 - 130*	*03/27/23 16:22*	*03/30/23 01:57*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*03/27/23 16:22*	*03/30/23 01:57*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/30/23 15:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**97.0**		50.0		mg/Kg			03/24/23 12:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/23/23 14:16	03/24/23 02:17	1
Diesel Range Organics (Over C10-C28)	**97.0**		50.0		mg/Kg		03/23/23 14:16	03/24/23 02:17	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/23/23 14:16	03/24/23 02:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*03/23/23 14:16*	*03/24/23 02:17*	*1*
o-Terphenyl	*96*		*70 - 130*	*03/23/23 14:16*	*03/24/23 02:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12300**		101		mg/Kg			03/27/23 21:10	20

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-4 (1.5)

Lab Sample ID: 880-26282-13
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:22	03/30/23 02:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:22	03/30/23 02:23	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		03/27/23 16:22	03/30/23 02:23	1
m-Xylene & p-Xylene	<0.00398	U *+	0.00398		mg/Kg		03/27/23 16:22	03/30/23 02:23	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		03/27/23 16:22	03/30/23 02:23	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		03/27/23 16:22	03/30/23 02:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*203*	*S1+*	*70 - 130*	*03/27/23 16:22*	*03/30/23 02:23*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*03/27/23 16:22*	*03/30/23 02:23*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/30/23 15:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/24/23 12:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/23/23 14:16	03/24/23 02:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/23/23 14:16	03/24/23 02:39	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/23/23 14:16	03/24/23 02:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*03/23/23 14:16*	*03/24/23 02:39*	*1*
o-Terphenyl	*88*		*70 - 130*	*03/23/23 14:16*	*03/24/23 02:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**614**		4.97		mg/Kg			03/27/23 21:15	1

Client Sample ID: T-4 (2)

Lab Sample ID: 880-26282-14
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:22	03/30/23 02:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:22	03/30/23 02:49	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		03/27/23 16:22	03/30/23 02:49	1
m-Xylene & p-Xylene	<0.00399	U *+	0.00399		mg/Kg		03/27/23 16:22	03/30/23 02:49	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		03/27/23 16:22	03/30/23 02:49	1
Xylenes, Total	<0.00399	U *+	0.00399		mg/Kg		03/27/23 16:22	03/30/23 02:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*208*	*S1+*	*70 - 130*	*03/27/23 16:22*	*03/30/23 02:49*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*03/27/23 16:22*	*03/30/23 02:49*	*1*

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-4 (2)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-14
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/30/23 15:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/24/23 12:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/23/23 14:16	03/24/23 03:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/23/23 14:16	03/24/23 03:00	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/23/23 14:16	03/24/23 03:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*03/23/23 14:16*	*03/24/23 03:00*	*1*
o-Terphenyl	*99*		*70 - 130*	*03/23/23 14:16*	*03/24/23 03:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**366**		4.99		mg/Kg			03/27/23 21:30	1

Client Sample ID: T-5 (0-1)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-15
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/27/23 16:22	03/30/23 03:16	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/27/23 16:22	03/30/23 03:16	1
Ethylbenzene	<0.00201	U *+	0.00201		mg/Kg		03/27/23 16:22	03/30/23 03:16	1
m-Xylene & p-Xylene	<0.00402	U *+	0.00402		mg/Kg		03/27/23 16:22	03/30/23 03:16	1
o-Xylene	<0.00201	U *+	0.00201		mg/Kg		03/27/23 16:22	03/30/23 03:16	1
Xylenes, Total	<0.00402	U *+	0.00402		mg/Kg		03/27/23 16:22	03/30/23 03:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*203*	*S1+*	*70 - 130*	*03/27/23 16:22*	*03/30/23 03:16*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*03/27/23 16:22*	*03/30/23 03:16*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/30/23 15:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**92.0**		49.9		mg/Kg			03/24/23 12:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/23/23 14:16	03/24/23 03:22	1
Diesel Range Organics (Over C10-C28)	**92.0**		49.9		mg/Kg		03/23/23 14:16	03/24/23 03:22	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (0-1)

Lab Sample ID: 880-26282-15
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/23/23 14:16	03/24/23 03:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*03/23/23 14:16*	*03/24/23 03:22*	*1*
o-Terphenyl	*94*		*70 - 130*	*03/23/23 14:16*	*03/24/23 03:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**22000**		250		mg/Kg			03/27/23 21:35	50

Client Sample ID: T-5 (1.5)

Lab Sample ID: 880-26282-16
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		03/27/23 16:22	03/30/23 03:42	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/27/23 16:22	03/30/23 03:42	1
Ethylbenzene	<0.00202	U *+	0.00202		mg/Kg		03/27/23 16:22	03/30/23 03:42	1
m-Xylene & p-Xylene	<0.00404	U *+	0.00404		mg/Kg		03/27/23 16:22	03/30/23 03:42	1
o-Xylene	<0.00202	U *+	0.00202		mg/Kg		03/27/23 16:22	03/30/23 03:42	1
Xylenes, Total	<0.00404	U *+	0.00404		mg/Kg		03/27/23 16:22	03/30/23 03:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*200*	*S1+*	*70 - 130*	*03/27/23 16:22*	*03/30/23 03:42*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*03/27/23 16:22*	*03/30/23 03:42*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			03/30/23 15:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/24/23 12:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/23/23 14:16	03/24/23 03:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/23/23 14:16	03/24/23 03:44	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/23/23 14:16	03/24/23 03:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*03/23/23 14:16*	*03/24/23 03:44*	*1*
o-Terphenyl	*94*		*70 - 130*	*03/23/23 14:16*	*03/24/23 03:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1940**		25.0		mg/Kg			03/27/23 21:40	5

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (2)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-17
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/27/23 16:22	03/30/23 04:09	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/27/23 16:22	03/30/23 04:09	1
Ethylbenzene	<0.00198	U *+	0.00198		mg/Kg		03/27/23 16:22	03/30/23 04:09	1
m-Xylene & p-Xylene	<0.00396	U *+	0.00396		mg/Kg		03/27/23 16:22	03/30/23 04:09	1
o-Xylene	<0.00198	U *+	0.00198		mg/Kg		03/27/23 16:22	03/30/23 04:09	1
Xylenes, Total	<0.00396	U *+	0.00396		mg/Kg		03/27/23 16:22	03/30/23 04:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*199*	*S1+*	*70 - 130*	*03/27/23 16:22*	*03/30/23 04:09*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*03/27/23 16:22*	*03/30/23 04:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			03/30/23 15:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/24/23 12:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/23/23 14:16	03/24/23 04:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/23/23 14:16	03/24/23 04:06	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/23/23 14:16	03/24/23 04:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*03/23/23 14:16*	*03/24/23 04:06*	*1*
o-Terphenyl	*98*		*70 - 130*	*03/23/23 14:16*	*03/24/23 04:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1070**		5.01		mg/Kg			03/27/23 21:44	1

Client Sample ID: T-5 (3)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-18
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:22	03/30/23 04:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:22	03/30/23 04:35	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		03/27/23 16:22	03/30/23 04:35	1
m-Xylene & p-Xylene	<0.00398	U *+	0.00398		mg/Kg		03/27/23 16:22	03/30/23 04:35	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		03/27/23 16:22	03/30/23 04:35	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		03/27/23 16:22	03/30/23 04:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*212*	*S1+*	*70 - 130*	*03/27/23 16:22*	*03/30/23 04:35*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*03/27/23 16:22*	*03/30/23 04:35*	*1*

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (3)

Lab Sample ID: 880-26282-18
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/30/23 15:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/24/23 12:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/23/23 14:16	03/24/23 04:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/23/23 14:16	03/24/23 04:28	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/23/23 14:16	03/24/23 04:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*03/23/23 14:16*	*03/24/23 04:28*	*1*
o-Terphenyl	*100*		*70 - 130*	*03/23/23 14:16*	*03/24/23 04:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**789**		5.03		mg/Kg			03/27/23 21:49	1

Client Sample ID: T-5 (4)

Lab Sample ID: 880-26282-19
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:22	03/30/23 05:02	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:22	03/30/23 05:02	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		03/27/23 16:22	03/30/23 05:02	1
m-Xylene & p-Xylene	<0.00398	U *+	0.00398		mg/Kg		03/27/23 16:22	03/30/23 05:02	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		03/27/23 16:22	03/30/23 05:02	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		03/27/23 16:22	03/30/23 05:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*208*	*S1+*	*70 - 130*	*03/27/23 16:22*	*03/30/23 05:02*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*03/27/23 16:22*	*03/30/23 05:02*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/30/23 15:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/24/23 12:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/23/23 14:16	03/24/23 04:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/23/23 14:16	03/24/23 04:49	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (4)

Lab Sample ID: 880-26282-19
Date Collected: 03/21/23 00:00
Matrix: Solid
Date Received: 03/23/23 11:43

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/23/23 14:16	03/24/23 04:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*03/23/23 14:16*	*03/24/23 04:49*	*1*
o-Terphenyl	*93*		*70 - 130*	*03/23/23 14:16*	*03/24/23 04:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**267**		4.98		mg/Kg			03/27/23 21:54	1

Client Sample ID: T-6 (0-1)

Lab Sample ID: 880-26282-20
Date Collected: 03/21/23 00:00
Matrix: Solid
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:22	03/30/23 05:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:22	03/30/23 05:28	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		03/27/23 16:22	03/30/23 05:28	1
m-Xylene & p-Xylene	<0.00399	U *+	0.00399		mg/Kg		03/27/23 16:22	03/30/23 05:28	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		03/27/23 16:22	03/30/23 05:28	1
Xylenes, Total	<0.00399	U *+	0.00399		mg/Kg		03/27/23 16:22	03/30/23 05:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*198*	*S1+*	*70 - 130*	*03/27/23 16:22*	*03/30/23 05:28*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*03/27/23 16:22*	*03/30/23 05:28*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/30/23 15:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/24/23 12:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/23/23 14:16	03/24/23 05:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/23/23 14:16	03/24/23 05:11	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/23/23 14:16	03/24/23 05:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*03/23/23 14:16*	*03/24/23 05:11*	*1*
o-Terphenyl	*99*		*70 - 130*	*03/23/23 14:16*	*03/24/23 05:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10500**		99.2		mg/Kg			03/27/23 21:59	20

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-6 (1.5)

Lab Sample ID: 880-26282-21
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:35	03/30/23 22:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:35	03/30/23 22:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:35	03/30/23 22:42	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/27/23 16:35	03/30/23 22:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:35	03/30/23 22:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/27/23 16:35	03/30/23 22:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*78*		*70 - 130*	*03/27/23 16:35*	*03/30/23 22:42*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*03/27/23 16:35*	*03/30/23 22:42*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/31/23 12:18	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/27/23 11:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/23/23 14:53	03/24/23 11:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/23/23 14:53	03/24/23 11:38	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/23/23 14:53	03/24/23 11:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*03/23/23 14:53*	*03/24/23 11:38*	*1*
o-Terphenyl	*104*		*70 - 130*	*03/23/23 14:53*	*03/24/23 11:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**133**		5.04		mg/Kg			03/28/23 01:04	1

Client Sample ID: T-6 (2)

Lab Sample ID: 880-26282-22
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:35	03/30/23 23:03	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:35	03/30/23 23:03	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:35	03/30/23 23:03	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/27/23 16:35	03/30/23 23:03	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:35	03/30/23 23:03	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/27/23 16:35	03/30/23 23:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*03/27/23 16:35*	*03/30/23 23:03*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*03/27/23 16:35*	*03/30/23 23:03*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-6 (2)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-22
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/31/23 12:18	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/27/23 11:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/23/23 14:53	03/24/23 12:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/23/23 14:53	03/24/23 12:45	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/23/23 14:53	03/24/23 12:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*113*		*70 - 130*	*03/23/23 14:53*	*03/24/23 12:45*	*1*
o-Terphenyl	*117*		*70 - 130*	*03/23/23 14:53*	*03/24/23 12:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**255**		5.05		mg/Kg			03/28/23 01:19	1

Client Sample ID: T-7 (0-1)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-23
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:35	03/30/23 23:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:35	03/30/23 23:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:35	03/30/23 23:24	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/27/23 16:35	03/30/23 23:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:35	03/30/23 23:24	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/27/23 16:35	03/30/23 23:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*03/27/23 16:35*	*03/30/23 23:24*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*03/27/23 16:35*	*03/30/23 23:24*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/31/23 12:18	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**283**		49.9		mg/Kg			03/27/23 11:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/23/23 14:53	03/24/23 13:07	1
Diesel Range Organics (Over C10-C28)	**283**		49.9		mg/Kg		03/23/23 14:53	03/24/23 13:07	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-7 (0-1)

Lab Sample ID: 880-26282-23
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/23/23 14:53	03/24/23 13:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*03/23/23 14:53*	*03/24/23 13:07*	*1*
o-Terphenyl	*110*		*70 - 130*	*03/23/23 14:53*	*03/24/23 13:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**34000**		252		mg/Kg			03/28/23 01:24	50

Client Sample ID: T-7 (1.5)

Lab Sample ID: 880-26282-24
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/27/23 16:35	03/30/23 23:44	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/27/23 16:35	03/30/23 23:44	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/27/23 16:35	03/30/23 23:44	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/27/23 16:35	03/30/23 23:44	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/27/23 16:35	03/30/23 23:44	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/27/23 16:35	03/30/23 23:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*03/27/23 16:35*	*03/30/23 23:44*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*03/27/23 16:35*	*03/30/23 23:44*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/31/23 12:18	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/27/23 11:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/23/23 14:53	03/24/23 13:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/23/23 14:53	03/24/23 13:29	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/23/23 14:53	03/24/23 13:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*03/23/23 14:53*	*03/24/23 13:29*	*1*
o-Terphenyl	*109*		*70 - 130*	*03/23/23 14:53*	*03/24/23 13:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**88.3**		4.98		mg/Kg			03/28/23 01:29	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-7 (2)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-25
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/27/23 16:35	03/31/23 00:05	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/27/23 16:35	03/31/23 00:05	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/27/23 16:35	03/31/23 00:05	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/27/23 16:35	03/31/23 00:05	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/27/23 16:35	03/31/23 00:05	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/27/23 16:35	03/31/23 00:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*03/27/23 16:35*	*03/31/23 00:05*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*03/27/23 16:35*	*03/31/23 00:05*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			03/31/23 12:18	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/27/23 11:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/23/23 14:53	03/24/23 13:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/23/23 14:53	03/24/23 13:51	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/23/23 14:53	03/24/23 13:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*03/23/23 14:53*	*03/24/23 13:51*	*1*
o-Terphenyl	*108*		*70 - 130*	*03/23/23 14:53*	*03/24/23 13:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**157**		4.96		mg/Kg			03/28/23 01:34	1

Client Sample ID: T-8 (0-1)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-26
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:35	03/31/23 00:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:35	03/31/23 00:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:35	03/31/23 00:25	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/27/23 16:35	03/31/23 00:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:35	03/31/23 00:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/27/23 16:35	03/31/23 00:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*03/27/23 16:35*	*03/31/23 00:25*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*03/27/23 16:35*	*03/31/23 00:25*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-8 (0-1)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-26
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/31/23 12:18	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**444**		50.0		mg/Kg			03/27/23 11:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/23/23 14:53	03/24/23 14:13	1
Diesel Range Organics (Over C10-C28)	**444**		50.0		mg/Kg		03/23/23 14:53	03/24/23 14:13	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/23/23 14:53	03/24/23 14:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*03/23/23 14:53*	*03/24/23 14:13*	*1*
o-Terphenyl	*108*		*70 - 130*	*03/23/23 14:53*	*03/24/23 14:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6590**		50.3		mg/Kg			03/28/23 01:48	10

Client Sample ID: T-8 (1.5)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-27
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:35	03/31/23 00:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:35	03/31/23 00:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:35	03/31/23 00:46	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/27/23 16:35	03/31/23 00:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:35	03/31/23 00:46	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/27/23 16:35	03/31/23 00:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*03/27/23 16:35*	*03/31/23 00:46*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*03/27/23 16:35*	*03/31/23 00:46*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/31/23 12:18	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/27/23 11:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/23/23 14:53	03/24/23 14:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/23/23 14:53	03/24/23 14:35	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-8 (1.5)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-27
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/23/23 14:53	03/24/23 14:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*03/23/23 14:53*	*03/24/23 14:35*	*1*
o-Terphenyl	*107*		*70 - 130*	*03/23/23 14:53*	*03/24/23 14:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**132**		4.99		mg/Kg			03/28/23 01:53	1

Client Sample ID: T-8 (2)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-28
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/27/23 16:35	03/31/23 01:07	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/27/23 16:35	03/31/23 01:07	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/27/23 16:35	03/31/23 01:07	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/27/23 16:35	03/31/23 01:07	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/27/23 16:35	03/31/23 01:07	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/27/23 16:35	03/31/23 01:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*03/27/23 16:35*	*03/31/23 01:07*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*03/27/23 16:35*	*03/31/23 01:07*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/31/23 12:18	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/27/23 11:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/23/23 14:53	03/24/23 14:57	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/23/23 14:53	03/24/23 14:57	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/23/23 14:53	03/24/23 14:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*03/23/23 14:53*	*03/24/23 14:57*	*1*
o-Terphenyl	*112*		*70 - 130*	*03/23/23 14:53*	*03/24/23 14:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**229**		4.99		mg/Kg			03/28/23 01:58	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-9 (0-1)

Lab Sample ID: 880-26282-29
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:35	03/31/23 01:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:35	03/31/23 01:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:35	03/31/23 01:27	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/27/23 16:35	03/31/23 01:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:35	03/31/23 01:27	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/27/23 16:35	03/31/23 01:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*03/27/23 16:35*	*03/31/23 01:27*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*03/27/23 16:35*	*03/31/23 01:27*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			03/31/23 12:18	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/27/23 11:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/23/23 14:53	03/24/23 15:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/23/23 14:53	03/24/23 15:35	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/23/23 14:53	03/24/23 15:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*03/23/23 14:53*	*03/24/23 15:35*	*1*
o-Terphenyl	*106*		*70 - 130*	*03/23/23 14:53*	*03/24/23 15:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5490**		50.1		mg/Kg			03/28/23 02:03	10

Client Sample ID: T-9 (1.5)

Lab Sample ID: 880-26282-30
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:35	03/31/23 01:48	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:35	03/31/23 01:48	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:35	03/31/23 01:48	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/27/23 16:35	03/31/23 01:48	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:35	03/31/23 01:48	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/27/23 16:35	03/31/23 01:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*03/27/23 16:35*	*03/31/23 01:48*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*03/27/23 16:35*	*03/31/23 01:48*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-9 (1.5)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-30
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/31/23 12:18	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**683**		49.9		mg/Kg			03/27/23 11:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/23/23 14:53	03/24/23 15:57	1
Diesel Range Organics (Over C10-C28)	**683**		49.9		mg/Kg		03/23/23 14:53	03/24/23 15:57	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/23/23 14:53	03/24/23 15:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*03/23/23 14:53*	*03/24/23 15:57*	*1*
o-Terphenyl	*104*		*70 - 130*	*03/23/23 14:53*	*03/24/23 15:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**119**		4.98		mg/Kg			03/28/23 02:07	1

Client Sample ID: T-9 (2)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-31
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:35	03/31/23 03:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:35	03/31/23 03:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:35	03/31/23 03:11	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/27/23 16:35	03/31/23 03:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:35	03/31/23 03:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/27/23 16:35	03/31/23 03:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*03/27/23 16:35*	*03/31/23 03:11*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*03/27/23 16:35*	*03/31/23 03:11*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/31/23 12:18	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/27/23 11:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/23/23 14:53	03/24/23 16:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/23/23 14:53	03/24/23 16:41	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-9 (2)

Lab Sample ID: 880-26282-31
Date Collected: 03/21/23 00:00
Matrix: Solid
Date Received: 03/23/23 11:43

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/23/23 14:53	03/24/23 16:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*03/23/23 14:53*	*03/24/23 16:41*	*1*
o-Terphenyl	*95*		*70 - 130*	*03/23/23 14:53*	*03/24/23 16:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**112**	**F1**	5.02		mg/Kg			03/28/23 02:12	1

Client Sample ID: T-9 (3)

Lab Sample ID: 880-26282-32
Date Collected: 03/21/23 00:00
Matrix: Solid
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:35	03/31/23 03:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:35	03/31/23 03:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:35	03/31/23 03:31	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/27/23 16:35	03/31/23 03:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:35	03/31/23 03:31	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/27/23 16:35	03/31/23 03:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*03/27/23 16:35*	*03/31/23 03:31*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*03/27/23 16:35*	*03/31/23 03:31*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/31/23 12:18	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/27/23 11:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/23/23 14:53	03/24/23 17:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/23/23 14:53	03/24/23 17:03	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/23/23 14:53	03/24/23 17:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*03/23/23 14:53*	*03/24/23 17:03*	*1*
o-Terphenyl	*94*		*70 - 130*	*03/23/23 14:53*	*03/24/23 17:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**107**		4.99		mg/Kg			03/28/23 02:27	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-10 (0-1)

Lab Sample ID: 880-26282-33
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/27/23 16:35	03/31/23 03:52	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/27/23 16:35	03/31/23 03:52	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/27/23 16:35	03/31/23 03:52	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/27/23 16:35	03/31/23 03:52	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/27/23 16:35	03/31/23 03:52	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/27/23 16:35	03/31/23 03:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*03/27/23 16:35*	*03/31/23 03:52*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*03/27/23 16:35*	*03/31/23 03:52*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/31/23 12:18	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/27/23 11:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/23/23 14:53	03/24/23 17:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/23/23 14:53	03/24/23 17:25	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/23/23 14:53	03/24/23 17:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*03/23/23 14:53*	*03/24/23 17:25*	*1*
o-Terphenyl	*108*		*70 - 130*	*03/23/23 14:53*	*03/24/23 17:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**15400**		99.4		mg/Kg			03/28/23 02:32	20

Client Sample ID: T-10 (1.5)

Lab Sample ID: 880-26282-34
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:35	03/31/23 04:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:35	03/31/23 04:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:35	03/31/23 04:13	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/27/23 16:35	03/31/23 04:13	1
o-Xylene	**0.00317**		0.00200		mg/Kg		03/27/23 16:35	03/31/23 04:13	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/27/23 16:35	03/31/23 04:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*03/27/23 16:35*	*03/31/23 04:13*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*03/27/23 16:35*	*03/31/23 04:13*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-10 (1.5)

Lab Sample ID: 880-26282-34
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			03/31/23 12:18	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/27/23 11:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/23/23 14:53	03/24/23 17:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/23/23 14:53	03/24/23 17:47	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/23/23 14:53	03/24/23 17:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*03/23/23 14:53*	*03/24/23 17:47*	*1*
o-Terphenyl	*89*		*70 - 130*	*03/23/23 14:53*	*03/24/23 17:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**129**		4.95		mg/Kg			03/28/23 02:46	1

Client Sample ID: T-10 (2)

Lab Sample ID: 880-26282-35
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/27/23 16:35	03/31/23 04:33	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/27/23 16:35	03/31/23 04:33	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/27/23 16:35	03/31/23 04:33	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/27/23 16:35	03/31/23 04:33	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/27/23 16:35	03/31/23 04:33	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/27/23 16:35	03/31/23 04:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*03/27/23 16:35*	*03/31/23 04:33*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*03/27/23 16:35*	*03/31/23 04:33*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			03/31/23 12:18	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/27/23 11:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/23/23 14:53	03/24/23 18:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/23/23 14:53	03/24/23 18:09	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-10 (2)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-35
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/23/23 14:53	03/24/23 18:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*113*		*70 - 130*	*03/23/23 14:53*	*03/24/23 18:09*	*1*
o-Terphenyl	*109*		*70 - 130*	*03/23/23 14:53*	*03/24/23 18:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**149**		4.95		mg/Kg			03/28/23 02:51	1

Client Sample ID: T-10 (3)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-36
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:35	03/31/23 04:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:35	03/31/23 04:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:35	03/31/23 04:54	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/27/23 16:35	03/31/23 04:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:35	03/31/23 04:54	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/27/23 16:35	03/31/23 04:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*03/27/23 16:35*	*03/31/23 04:54*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*03/27/23 16:35*	*03/31/23 04:54*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/31/23 12:18	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/27/23 11:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/23/23 14:53	03/24/23 18:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/23/23 14:53	03/24/23 18:31	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/23/23 14:53	03/24/23 18:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*106*		*70 - 130*	*03/23/23 14:53*	*03/24/23 18:31*	*1*
o-Terphenyl	*104*		*70 - 130*	*03/23/23 14:53*	*03/24/23 18:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**122**		5.04		mg/Kg			03/28/23 02:56	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-11 (0-1)

Lab Sample ID: 880-26282-37
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:35	03/31/23 05:14	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:35	03/31/23 05:14	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:35	03/31/23 05:14	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/27/23 16:35	03/31/23 05:14	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:35	03/31/23 05:14	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/27/23 16:35	03/31/23 05:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*03/27/23 16:35*	*03/31/23 05:14*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*03/27/23 16:35*	*03/31/23 05:14*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/31/23 12:18	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**2180**		49.9		mg/Kg			03/27/23 11:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/23/23 14:53	03/24/23 18:53	1
Diesel Range Organics (Over C10-C28)	**2180**		49.9		mg/Kg		03/23/23 14:53	03/24/23 18:53	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/23/23 14:53	03/24/23 18:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*03/23/23 14:53*	*03/24/23 18:53*	*1*
o-Terphenyl	*97*		*70 - 130*	*03/23/23 14:53*	*03/24/23 18:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10000**		50.1		mg/Kg			03/28/23 03:01	10

Client Sample ID: T-11 (1,5)

Lab Sample ID: 880-26282-38
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/27/23 16:35	03/31/23 05:35	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/27/23 16:35	03/31/23 05:35	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/27/23 16:35	03/31/23 05:35	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/27/23 16:35	03/31/23 05:35	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/27/23 16:35	03/31/23 05:35	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/27/23 16:35	03/31/23 05:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*	*03/27/23 16:35*	*03/31/23 05:35*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*03/27/23 16:35*	*03/31/23 05:35*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-11 (1,5)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-38
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/31/23 12:18	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/27/23 11:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/23/23 14:53	03/24/23 19:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/23/23 14:53	03/24/23 19:16	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/23/23 14:53	03/24/23 19:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 130*	*03/23/23 14:53*	*03/24/23 19:16*	*1*
o-Terphenyl	*86*		*70 - 130*	*03/23/23 14:53*	*03/24/23 19:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**17.6**		4.99		mg/Kg			03/28/23 03:05	1

Client Sample ID: T-11 (2)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-39
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		03/27/23 16:35	03/31/23 05:55	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/27/23 16:35	03/31/23 05:55	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/27/23 16:35	03/31/23 05:55	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		03/27/23 16:35	03/31/23 05:55	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/27/23 16:35	03/31/23 05:55	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/27/23 16:35	03/31/23 05:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*03/27/23 16:35*	*03/31/23 05:55*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*03/27/23 16:35*	*03/31/23 05:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			03/31/23 12:18	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/27/23 11:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/23/23 14:53	03/24/23 19:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/23/23 14:53	03/24/23 19:38	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-11 (2)

Lab Sample ID: 880-26282-39
Date Collected: 03/21/23 00:00
Matrix: Solid
Date Received: 03/23/23 11:43

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/23/23 14:53	03/24/23 19:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*03/23/23 14:53*	*03/24/23 19:38*	*1*
o-Terphenyl	*90*		*70 - 130*	*03/23/23 14:53*	*03/24/23 19:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**81.4**		5.00		mg/Kg			03/28/23 03:10	1

Client Sample ID: T-11 (3)

Lab Sample ID: 880-26282-40
Date Collected: 03/21/23 00:00
Matrix: Solid
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:35	03/31/23 06:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:35	03/31/23 06:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:35	03/31/23 06:16	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/27/23 16:35	03/31/23 06:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:35	03/31/23 06:16	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/27/23 16:35	03/31/23 06:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*03/27/23 16:35*	*03/31/23 06:16*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*03/27/23 16:35*	*03/31/23 06:16*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/31/23 12:18	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/27/23 11:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/23/23 14:53	03/24/23 20:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/23/23 14:53	03/24/23 20:00	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/23/23 14:53	03/24/23 20:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*03/23/23 14:53*	*03/24/23 20:00*	*1*
o-Terphenyl	*104*		*70 - 130*	*03/23/23 14:53*	*03/24/23 20:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**109**		5.00		mg/Kg			03/28/23 03:15	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-12 (0-1)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-41
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/27/23 16:38	03/30/23 22:12	1
Toluene	<0.00201	U F1	0.00201		mg/Kg		03/27/23 16:38	03/30/23 22:12	1
Ethylbenzene	<0.00201	U F1	0.00201		mg/Kg		03/27/23 16:38	03/30/23 22:12	1
m-Xylene & p-Xylene	<0.00402	U F1	0.00402		mg/Kg		03/27/23 16:38	03/30/23 22:12	1
o-Xylene	<0.00201	U F1	0.00201		mg/Kg		03/27/23 16:38	03/30/23 22:12	1
Xylenes, Total	<0.00402	U F1	0.00402		mg/Kg		03/27/23 16:38	03/30/23 22:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*03/27/23 16:38*	*03/30/23 22:12*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*03/27/23 16:38*	*03/30/23 22:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/31/23 12:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**2770**		49.9		mg/Kg			03/27/23 11:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1 *+	49.9		mg/Kg		03/24/23 08:51	03/24/23 21:51	1
Diesel Range Organics (Over C10-C28)	**2390**	***1 *+**	49.9		mg/Kg		03/24/23 08:51	03/24/23 21:51	1
Oil Range Organics (Over C28-C36)	**376**		49.9		mg/Kg		03/24/23 08:51	03/24/23 21:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*03/24/23 08:51*	*03/24/23 21:51*	*1*
o-Terphenyl	*100*		*70 - 130*	*03/24/23 08:51*	*03/24/23 21:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10300**	**F1**	100		mg/Kg			03/28/23 03:54	20

Client Sample ID: T-12 (1.5)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-42
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		03/27/23 16:38	03/30/23 22:33	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/27/23 16:38	03/30/23 22:33	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/27/23 16:38	03/30/23 22:33	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		03/27/23 16:38	03/30/23 22:33	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/27/23 16:38	03/30/23 22:33	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/27/23 16:38	03/30/23 22:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*03/27/23 16:38*	*03/30/23 22:33*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*03/27/23 16:38*	*03/30/23 22:33*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-12 (1.5)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-42
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			03/31/23 12:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/27/23 11:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1 *+	50.0		mg/Kg		03/24/23 08:51	03/24/23 22:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1 *+	50.0		mg/Kg		03/24/23 08:51	03/24/23 22:57	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/24/23 08:51	03/24/23 22:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*03/24/23 08:51*	*03/24/23 22:57*	*1*
o-Terphenyl	*90*		*70 - 130*	*03/24/23 08:51*	*03/24/23 22:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**102**		4.98		mg/Kg			03/28/23 04:08	1

Client Sample ID: T-12 (2)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-43
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:38	03/30/23 22:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:38	03/30/23 22:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:38	03/30/23 22:54	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/27/23 16:38	03/30/23 22:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:38	03/30/23 22:54	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/27/23 16:38	03/30/23 22:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*03/27/23 16:38*	*03/30/23 22:54*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*03/27/23 16:38*	*03/30/23 22:54*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/31/23 12:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/27/23 11:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1 *+	49.8		mg/Kg		03/24/23 08:51	03/24/23 23:20	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1 *+	49.8		mg/Kg		03/24/23 08:51	03/24/23 23:20	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-12 (2)

Lab Sample ID: 880-26282-43
Date Collected: 03/21/23 00:00
Matrix: Solid
Date Received: 03/23/23 11:43

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/24/23 08:51	03/24/23 23:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*03/24/23 08:51*	*03/24/23 23:20*	*1*
o-Terphenyl	*101*		*70 - 130*	*03/24/23 08:51*	*03/24/23 23:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**131**		5.00		mg/Kg			03/28/23 04:13	1

Client Sample ID: T-12 (3)

Lab Sample ID: 880-26282-44
Date Collected: 03/21/23 00:00
Matrix: Solid
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:38	03/30/23 23:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:38	03/30/23 23:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:38	03/30/23 23:15	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/27/23 16:38	03/30/23 23:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:38	03/30/23 23:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/27/23 16:38	03/30/23 23:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*03/27/23 16:38*	*03/30/23 23:15*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*03/27/23 16:38*	*03/30/23 23:15*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/31/23 12:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/27/23 11:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1 *+	50.0		mg/Kg		03/24/23 08:51	03/24/23 23:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1 *+	50.0		mg/Kg		03/24/23 08:51	03/24/23 23:43	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/24/23 08:51	03/24/23 23:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*112*		*70 - 130*	*03/24/23 08:51*	*03/24/23 23:43*	*1*
o-Terphenyl	*120*		*70 - 130*	*03/24/23 08:51*	*03/24/23 23:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**84.0**		4.99		mg/Kg			03/28/23 04:18	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-13 (0-1)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-45
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/27/23 16:38	03/30/23 23:35	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/27/23 16:38	03/30/23 23:35	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/27/23 16:38	03/30/23 23:35	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/27/23 16:38	03/30/23 23:35	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/27/23 16:38	03/30/23 23:35	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/27/23 16:38	03/30/23 23:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*03/27/23 16:38*	*03/30/23 23:35*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*03/27/23 16:38*	*03/30/23 23:35*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			03/31/23 12:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**2670**		50.0		mg/Kg			03/27/23 11:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1 *+	50.0		mg/Kg		03/24/23 08:51	03/25/23 00:05	1
Diesel Range Organics (Over C10-C28)	**2260**	***1 *+**	50.0		mg/Kg		03/24/23 08:51	03/25/23 00:05	1
Oil Range Organics (Over C28-C36)	**411**		50.0		mg/Kg		03/24/23 08:51	03/25/23 00:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*03/24/23 08:51*	*03/25/23 00:05*	*1*
o-Terphenyl	*113*		*70 - 130*	*03/24/23 08:51*	*03/25/23 00:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2560**		25.0		mg/Kg			03/28/23 04:23	5

Client Sample ID: T-13 (1.5)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-46
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:38	03/30/23 23:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:38	03/30/23 23:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:38	03/30/23 23:56	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/27/23 16:38	03/30/23 23:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:38	03/30/23 23:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/27/23 16:38	03/30/23 23:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*03/27/23 16:38*	*03/30/23 23:56*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*03/27/23 16:38*	*03/30/23 23:56*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-13 (1.5)

Lab Sample ID: 880-26282-46
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/31/23 12:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/27/23 11:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1 *+	49.9		mg/Kg		03/24/23 08:51	03/25/23 00:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1 *+	49.9		mg/Kg		03/24/23 08:51	03/25/23 00:27	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/24/23 08:51	03/25/23 00:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*03/24/23 08:51*	*03/25/23 00:27*	*1*
o-Terphenyl	*86*		*70 - 130*	*03/24/23 08:51*	*03/25/23 00:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**38.9**		5.02		mg/Kg			03/28/23 04:37	1

Client Sample ID: T-13 (2)

Lab Sample ID: 880-26282-47
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:38	03/31/23 00:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:38	03/31/23 00:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:38	03/31/23 00:17	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/27/23 16:38	03/31/23 00:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:38	03/31/23 00:17	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/27/23 16:38	03/31/23 00:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*03/27/23 16:38*	*03/31/23 00:17*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*03/27/23 16:38*	*03/31/23 00:17*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/31/23 12:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/27/23 11:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1 *+	49.9		mg/Kg		03/24/23 08:51	03/25/23 00:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1 *+	49.9		mg/Kg		03/24/23 08:51	03/25/23 00:50	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-13 (2)

Lab Sample ID: 880-26282-47
Date Collected: 03/21/23 00:00
Matrix: Solid
Date Received: 03/23/23 11:43

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/24/23 08:51	03/25/23 00:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*03/24/23 08:51*	*03/25/23 00:50*	*1*
o-Terphenyl	*97*		*70 - 130*	*03/24/23 08:51*	*03/25/23 00:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**16.1**		4.98		mg/Kg			03/28/23 04:42	1

Client Sample ID: T-13 (3)

Lab Sample ID: 880-26282-48
Date Collected: 03/21/23 00:00
Matrix: Solid
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:38	03/31/23 00:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:38	03/31/23 00:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:38	03/31/23 00:38	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/27/23 16:38	03/31/23 00:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:38	03/31/23 00:38	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/27/23 16:38	03/31/23 00:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*03/27/23 16:38*	*03/31/23 00:38*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*03/27/23 16:38*	*03/31/23 00:38*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			03/31/23 12:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/27/23 11:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1 *+	49.8		mg/Kg		03/24/23 08:51	03/25/23 01:13	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1 *+	49.8		mg/Kg		03/24/23 08:51	03/25/23 01:13	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/24/23 08:51	03/25/23 01:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*03/24/23 08:51*	*03/25/23 01:13*	*1*
o-Terphenyl	*107*		*70 - 130*	*03/24/23 08:51*	*03/25/23 01:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**28.2**		4.95		mg/Kg			03/28/23 04:47	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-14 (0-1)

Lab Sample ID: 880-26282-49
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:38	03/31/23 00:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:38	03/31/23 00:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:38	03/31/23 00:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/27/23 16:38	03/31/23 00:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:38	03/31/23 00:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/27/23 16:38	03/31/23 00:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*03/27/23 16:38*	*03/31/23 00:58*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*03/27/23 16:38*	*03/31/23 00:58*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/31/23 12:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**537**		49.8		mg/Kg			03/27/23 11:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1 *+	49.8		mg/Kg		03/24/23 08:51	03/25/23 01:36	1
Diesel Range Organics (Over C10-C28)	**471**	***1 *+**	49.8		mg/Kg		03/24/23 08:51	03/25/23 01:36	1
Oil Range Organics (Over C28-C36)	**65.5**		49.8		mg/Kg		03/24/23 08:51	03/25/23 01:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*03/24/23 08:51*	*03/25/23 01:36*	*1*
o-Terphenyl	*92*		*70 - 130*	*03/24/23 08:51*	*03/25/23 01:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2610**		25.3		mg/Kg			03/28/23 04:52	5

Client Sample ID: T-14 (1.5)

Lab Sample ID: 880-26282-50
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:38	03/31/23 01:19	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:38	03/31/23 01:19	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:38	03/31/23 01:19	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/27/23 16:38	03/31/23 01:19	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:38	03/31/23 01:19	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/27/23 16:38	03/31/23 01:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*03/27/23 16:38*	*03/31/23 01:19*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*03/27/23 16:38*	*03/31/23 01:19*	*1*

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-14 (1.5)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-50
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/31/23 12:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/27/23 11:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1 *+	50.0		mg/Kg		03/24/23 08:51	03/25/23 01:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1 *+	50.0		mg/Kg		03/24/23 08:51	03/25/23 01:59	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/24/23 08:51	03/25/23 01:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*03/24/23 08:51*	*03/25/23 01:59*	*1*
o-Terphenyl	*89*		*70 - 130*	*03/24/23 08:51*	*03/25/23 01:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**230**		5.01		mg/Kg			03/28/23 04:57	1

Client Sample ID: T-14 (2)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-51
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:38	03/31/23 02:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:38	03/31/23 02:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:38	03/31/23 02:45	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/27/23 16:38	03/31/23 02:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:38	03/31/23 02:45	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/27/23 16:38	03/31/23 02:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*03/27/23 16:38*	*03/31/23 02:45*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*03/27/23 16:38*	*03/31/23 02:45*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/31/23 12:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/27/23 11:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1 *+	50.0		mg/Kg		03/24/23 08:51	03/25/23 02:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1 *+	50.0		mg/Kg		03/24/23 08:51	03/25/23 02:43	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-14 (2)

Lab Sample ID: 880-26282-51
Date Collected: 03/21/23 00:00
Matrix: Solid
Date Received: 03/23/23 11:43

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/24/23 08:51	03/25/23 02:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*03/24/23 08:51*	*03/25/23 02:43*	*1*
o-Terphenyl	*101*		*70 - 130*	*03/24/23 08:51*	*03/25/23 02:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**597**		5.00		mg/Kg			03/28/23 05:02	1

Client Sample ID: T-14 (3)

Lab Sample ID: 880-26282-52
Date Collected: 03/21/23 00:00
Matrix: Solid
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/27/23 16:38	03/31/23 03:06	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/27/23 16:38	03/31/23 03:06	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/27/23 16:38	03/31/23 03:06	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/27/23 16:38	03/31/23 03:06	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/27/23 16:38	03/31/23 03:06	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/27/23 16:38	03/31/23 03:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*03/27/23 16:38*	*03/31/23 03:06*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*03/27/23 16:38*	*03/31/23 03:06*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/31/23 12:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/27/23 11:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1 *+	49.9		mg/Kg		03/24/23 08:51	03/25/23 03:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1 *+	49.9		mg/Kg		03/24/23 08:51	03/25/23 03:05	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/24/23 08:51	03/25/23 03:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*03/24/23 08:51*	*03/25/23 03:05*	*1*
o-Terphenyl	*97*		*70 - 130*	*03/24/23 08:51*	*03/25/23 03:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1130**		24.9		mg/Kg			03/28/23 05:16	5

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-14 (4)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-53
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		03/27/23 16:38	03/31/23 03:26	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/27/23 16:38	03/31/23 03:26	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/27/23 16:38	03/31/23 03:26	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		03/27/23 16:38	03/31/23 03:26	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/27/23 16:38	03/31/23 03:26	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/27/23 16:38	03/31/23 03:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*03/27/23 16:38*	*03/31/23 03:26*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*03/27/23 16:38*	*03/31/23 03:26*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			03/31/23 12:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/27/23 11:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1 *+	49.9		mg/Kg		03/24/23 08:51	03/25/23 03:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1 *+	49.9		mg/Kg		03/24/23 08:51	03/25/23 03:26	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/24/23 08:51	03/25/23 03:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*03/24/23 08:51*	*03/25/23 03:26*	*1*
o-Terphenyl	*101*		*70 - 130*	*03/24/23 08:51*	*03/25/23 03:26*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**995**		4.95		mg/Kg			03/28/23 05:21	1

Client Sample ID: T-14 (5)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-54
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/27/23 16:38	03/31/23 03:47	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/27/23 16:38	03/31/23 03:47	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/27/23 16:38	03/31/23 03:47	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/27/23 16:38	03/31/23 03:47	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/27/23 16:38	03/31/23 03:47	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/27/23 16:38	03/31/23 03:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*03/27/23 16:38*	*03/31/23 03:47*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*03/27/23 16:38*	*03/31/23 03:47*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-14 (5)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-54
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			03/31/23 12:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/27/23 11:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1 *+	49.9		mg/Kg		03/24/23 08:51	03/25/23 03:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1 *+	49.9		mg/Kg		03/24/23 08:51	03/25/23 03:48	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/24/23 08:51	03/25/23 03:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*03/24/23 08:51*	*03/25/23 03:48*	*1*
o-Terphenyl	*107*		*70 - 130*	*03/24/23 08:51*	*03/25/23 03:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**786**		5.04		mg/Kg			03/28/23 05:35	1

Client Sample ID: T-14 (6)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-55
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:38	03/31/23 04:08	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:38	03/31/23 04:08	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:38	03/31/23 04:08	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/27/23 16:38	03/31/23 04:08	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:38	03/31/23 04:08	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/27/23 16:38	03/31/23 04:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*03/27/23 16:38*	*03/31/23 04:08*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*03/27/23 16:38*	*03/31/23 04:08*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/31/23 12:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/27/23 11:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1 *+	50.0		mg/Kg		03/24/23 08:51	03/25/23 04:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1 *+	50.0		mg/Kg		03/24/23 08:51	03/25/23 04:10	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-14 (6)

Lab Sample ID: 880-26282-55
Date Collected: 03/21/23 00:00
Matrix: Solid
Date Received: 03/23/23 11:43

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/24/23 08:51	03/25/23 04:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*108*		*70 - 130*	*03/24/23 08:51*	*03/25/23 04:10*	*1*
o-Terphenyl	*116*		*70 - 130*	*03/24/23 08:51*	*03/25/23 04:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**781**		4.98		mg/Kg			03/28/23 05:40	1

Client Sample ID: T-15 (0-1)

Lab Sample ID: 880-26282-56
Date Collected: 03/21/23 00:00
Matrix: Solid
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:38	03/31/23 04:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:38	03/31/23 04:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:38	03/31/23 04:29	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/27/23 16:38	03/31/23 04:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:38	03/31/23 04:29	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/27/23 16:38	03/31/23 04:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*03/27/23 16:38*	*03/31/23 04:29*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*03/27/23 16:38*	*03/31/23 04:29*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/31/23 12:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**91.8**		49.9		mg/Kg			03/27/23 11:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1 *+	49.9		mg/Kg		03/24/23 08:51	03/25/23 04:32	1
Diesel Range Organics (Over C10-C28)	**91.8**	***1 *+**	49.9		mg/Kg		03/24/23 08:51	03/25/23 04:32	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/24/23 08:51	03/25/23 04:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*03/24/23 08:51*	*03/25/23 04:32*	*1*
o-Terphenyl	*97*		*70 - 130*	*03/24/23 08:51*	*03/25/23 04:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**592**		25.2		mg/Kg			03/28/23 05:45	5

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-15 (1.5)

Lab Sample ID: 880-26282-57
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:38	03/31/23 04:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:38	03/31/23 04:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:38	03/31/23 04:50	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/27/23 16:38	03/31/23 04:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:38	03/31/23 04:50	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/27/23 16:38	03/31/23 04:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*03/27/23 16:38*	*03/31/23 04:50*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*03/27/23 16:38*	*03/31/23 04:50*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			03/31/23 12:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/27/23 11:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1 *+	50.0		mg/Kg		03/24/23 08:51	03/25/23 04:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1 *+	50.0		mg/Kg		03/24/23 08:51	03/25/23 04:54	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/24/23 08:51	03/25/23 04:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*03/24/23 08:51*	*03/25/23 04:54*	*1*
o-Terphenyl	*97*		*70 - 130*	*03/24/23 08:51*	*03/25/23 04:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2260**		25.2		mg/Kg			03/28/23 05:50	5

Client Sample ID: T-15 (2)

Lab Sample ID: 880-26282-58
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:38	03/31/23 05:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:38	03/31/23 05:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:38	03/31/23 05:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/27/23 16:38	03/31/23 05:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:38	03/31/23 05:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/27/23 16:38	03/31/23 05:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*03/27/23 16:38*	*03/31/23 05:10*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*03/27/23 16:38*	*03/31/23 05:10*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-15 (2)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-58

Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/31/23 12:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/27/23 11:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1 *+	50.0		mg/Kg		03/24/23 08:51	03/25/23 05:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1 *+	50.0		mg/Kg		03/24/23 08:51	03/25/23 05:16	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/24/23 08:51	03/25/23 05:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*03/24/23 08:51*	*03/25/23 05:16*	*1*
o-Terphenyl	*95*		*70 - 130*	*03/24/23 08:51*	*03/25/23 05:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1340**		4.98		mg/Kg			03/28/23 05:55	1

Client Sample ID: T-15 (3)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-59

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:38	03/31/23 05:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:38	03/31/23 05:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:38	03/31/23 05:31	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/27/23 16:38	03/31/23 05:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:38	03/31/23 05:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/27/23 16:38	03/31/23 05:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*03/27/23 16:38*	*03/31/23 05:31*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*03/27/23 16:38*	*03/31/23 05:31*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/31/23 12:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/27/23 11:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1 *+	49.9		mg/Kg		03/24/23 08:51	03/25/23 05:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1 *+	49.9		mg/Kg		03/24/23 08:51	03/25/23 05:38	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-15 (3)

Lab Sample ID: 880-26282-59
Date Collected: 03/21/23 00:00
Matrix: Solid
Date Received: 03/23/23 11:43

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/24/23 08:51	03/25/23 05:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*03/24/23 08:51*	*03/25/23 05:38*	*1*
o-Terphenyl	*112*		*70 - 130*	*03/24/23 08:51*	*03/25/23 05:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1370**		5.04		mg/Kg			03/28/23 06:00	1

Client Sample ID: T-15 (4)

Lab Sample ID: 880-26282-60
Date Collected: 03/21/23 00:00
Matrix: Solid
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:38	03/31/23 05:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:38	03/31/23 05:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:38	03/31/23 05:52	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/27/23 16:38	03/31/23 05:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:38	03/31/23 05:52	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/27/23 16:38	03/31/23 05:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*03/27/23 16:38*	*03/31/23 05:52*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*03/27/23 16:38*	*03/31/23 05:52*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/31/23 12:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/27/23 11:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1 *+	49.8		mg/Kg		03/24/23 08:51	03/25/23 06:00	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1 *+	49.8		mg/Kg		03/24/23 08:51	03/25/23 06:00	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/24/23 08:51	03/25/23 06:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*03/24/23 08:51*	*03/25/23 06:00*	*1*
o-Terphenyl	*102*		*70 - 130*	*03/24/23 08:51*	*03/25/23 06:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1040**		5.05		mg/Kg			03/28/23 06:05	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-15 (5)

Lab Sample ID: 880-26282-61
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/27/23 16:39	03/31/23 00:55	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/27/23 16:39	03/31/23 00:55	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/27/23 16:39	03/31/23 00:55	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/27/23 16:39	03/31/23 00:55	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/27/23 16:39	03/31/23 00:55	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/27/23 16:39	03/31/23 00:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*03/27/23 16:39*	*03/31/23 00:55*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*03/27/23 16:39*	*03/31/23 00:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			03/31/23 12:09	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/27/23 11:26	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F2	49.9		mg/Kg		03/24/23 14:26	03/25/23 21:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/24/23 14:26	03/25/23 21:42	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/24/23 14:26	03/25/23 21:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 130*	*03/24/23 14:26*	*03/25/23 21:42*	*1*
o-Terphenyl	*109*		*70 - 130*	*03/24/23 14:26*	*03/25/23 21:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**905**		5.02		mg/Kg			03/28/23 06:43	1

Client Sample ID: T-16 (0-1)

Lab Sample ID: 880-26282-62
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:39	03/31/23 01:16	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:39	03/31/23 01:16	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:39	03/31/23 01:16	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/27/23 16:39	03/31/23 01:16	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:39	03/31/23 01:16	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/27/23 16:39	03/31/23 01:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*03/27/23 16:39*	*03/31/23 01:16*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*03/27/23 16:39*	*03/31/23 01:16*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-16 (0-1)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-62
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/31/23 12:09	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**4670**		50.0		mg/Kg			03/27/23 11:26	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/24/23 14:26	03/26/23 04:36	1
Diesel Range Organics (Over C10-C28)	**4670**		50.0		mg/Kg		03/24/23 14:26	03/26/23 04:36	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/24/23 14:26	03/26/23 04:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*03/24/23 14:26*	*03/26/23 04:36*	*1*
o-Terphenyl	*96*		*70 - 130*	*03/24/23 14:26*	*03/26/23 04:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3790**		25.0		mg/Kg			03/28/23 06:58	5

Client Sample ID: T-16 (1,5)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-63
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:39	03/31/23 01:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:39	03/31/23 01:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:39	03/31/23 01:36	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/27/23 16:39	03/31/23 01:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:39	03/31/23 01:36	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/27/23 16:39	03/31/23 01:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*03/27/23 16:39*	*03/31/23 01:36*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*03/27/23 16:39*	*03/31/23 01:36*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/31/23 12:09	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**75.9**		49.9		mg/Kg			03/27/23 11:26	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/24/23 14:26	03/25/23 22:49	1
Diesel Range Organics (Over C10-C28)	**75.9**		49.9		mg/Kg		03/24/23 14:26	03/25/23 22:49	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-16 (1,5)

Lab Sample ID: 880-26282-63
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/24/23 14:26	03/25/23 22:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*03/24/23 14:26*	*03/25/23 22:49*	*1*
o-Terphenyl	*95*		*70 - 130*	*03/24/23 14:26*	*03/25/23 22:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**268**		4.98		mg/Kg			03/28/23 07:03	1

Client Sample ID: T-16 (2)

Lab Sample ID: 880-26282-64
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/27/23 16:39	03/31/23 01:57	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/27/23 16:39	03/31/23 01:57	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/27/23 16:39	03/31/23 01:57	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/27/23 16:39	03/31/23 01:57	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/27/23 16:39	03/31/23 01:57	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/27/23 16:39	03/31/23 01:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*03/27/23 16:39*	*03/31/23 01:57*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*03/27/23 16:39*	*03/31/23 01:57*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/31/23 12:09	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/27/23 11:26	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/24/23 14:26	03/25/23 23:12	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/24/23 14:26	03/25/23 23:12	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/24/23 14:26	03/25/23 23:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*03/24/23 14:26*	*03/25/23 23:12*	*1*
o-Terphenyl	*90*		*70 - 130*	*03/24/23 14:26*	*03/25/23 23:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**229**		5.03		mg/Kg			03/28/23 07:08	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-16 (3)

Lab Sample ID: 880-26282-65
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		03/27/23 16:39	03/31/23 02:18	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/27/23 16:39	03/31/23 02:18	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/27/23 16:39	03/31/23 02:18	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		03/27/23 16:39	03/31/23 02:18	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/27/23 16:39	03/31/23 02:18	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/27/23 16:39	03/31/23 02:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*03/27/23 16:39*	*03/31/23 02:18*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*03/27/23 16:39*	*03/31/23 02:18*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			03/31/23 12:09	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/27/23 11:26	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/24/23 14:26	03/25/23 23:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/24/23 14:26	03/25/23 23:34	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/24/23 14:26	03/25/23 23:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*03/24/23 14:26*	*03/25/23 23:34*	*1*
o-Terphenyl	*100*		*70 - 130*	*03/24/23 14:26*	*03/25/23 23:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**42.1**		5.04		mg/Kg			03/28/23 16:39	1

Client Sample ID: T-17 (0-1)

Lab Sample ID: 880-26282-66
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:39	03/31/23 02:38	1
Toluene	**0.00242**		0.00199		mg/Kg		03/27/23 16:39	03/31/23 02:38	1
Ethylbenzene	**0.00462**		0.00199		mg/Kg		03/27/23 16:39	03/31/23 02:38	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/27/23 16:39	03/31/23 02:38	1
o-Xylene	**0.0117**		0.00199		mg/Kg		03/27/23 16:39	03/31/23 02:38	1
Xylenes, Total	**0.0117**		0.00398		mg/Kg		03/27/23 16:39	03/31/23 02:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*03/27/23 16:39*	*03/31/23 02:38*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*03/27/23 16:39*	*03/31/23 02:38*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-17 (0-1)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-66
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0187**		0.00398		mg/Kg			03/31/23 12:09	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**13000**		250		mg/Kg			03/27/23 11:26	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**362**		250		mg/Kg		03/24/23 14:26	03/26/23 05:20	5
Diesel Range Organics (Over C10-C28)	**12600**		250		mg/Kg		03/24/23 14:26	03/26/23 05:20	5
OII Range Organics (Over C28-C36)	<250	U	250		mg/Kg		03/24/23 14:26	03/26/23 05:20	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*64*	*S1-*	*70 - 130*	*03/24/23 14:26*	*03/26/23 05:20*	*5*
o-Terphenyl	*300*	*S1+*	*70 - 130*	*03/24/23 14:26*	*03/26/23 05:20*	*5*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**916**		5.00		mg/Kg			03/28/23 07:23	1

Client Sample ID: T-17 (1.5)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-67
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:39	03/31/23 02:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:39	03/31/23 02:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:39	03/31/23 02:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/27/23 16:39	03/31/23 02:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:39	03/31/23 02:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/27/23 16:39	03/31/23 02:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*03/27/23 16:39*	*03/31/23 02:59*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*03/27/23 16:39*	*03/31/23 02:59*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/31/23 12:09	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**170**		49.9		mg/Kg			03/27/23 11:26	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/24/23 14:26	03/25/23 23:56	1
Diesel Range Organics (Over C10-C28)	**170**		49.9		mg/Kg		03/24/23 14:26	03/25/23 23:56	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-17 (1.5)

Lab Sample ID: 880-26282-67
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/24/23 14:26	03/25/23 23:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*84*		*70 - 130*	*03/24/23 14:26*	*03/25/23 23:56*	*1*
o-Terphenyl	*89*		*70 - 130*	*03/24/23 14:26*	*03/25/23 23:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2590**		24.9		mg/Kg			03/28/23 07:28	5

Client Sample ID: T-17 (2)

Lab Sample ID: 880-26282-68
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:39	03/31/23 03:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:39	03/31/23 03:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:39	03/31/23 03:19	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/27/23 16:39	03/31/23 03:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:39	03/31/23 03:19	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/27/23 16:39	03/31/23 03:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*03/27/23 16:39*	*03/31/23 03:19*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*03/27/23 16:39*	*03/31/23 03:19*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/31/23 12:09	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/27/23 11:26	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/24/23 14:26	03/26/23 00:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/24/23 14:26	03/26/23 00:17	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/24/23 14:26	03/26/23 00:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*03/24/23 14:26*	*03/26/23 00:17*	*1*
o-Terphenyl	*97*		*70 - 130*	*03/24/23 14:26*	*03/26/23 00:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3470**		24.9		mg/Kg			03/28/23 07:33	5

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-17 (3)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-69
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/27/23 16:39	03/31/23 03:40	1
Toluene	**0.00206**		0.00201		mg/Kg		03/27/23 16:39	03/31/23 03:40	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/27/23 16:39	03/31/23 03:40	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/27/23 16:39	03/31/23 03:40	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/27/23 16:39	03/31/23 03:40	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/27/23 16:39	03/31/23 03:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*03/27/23 16:39*	*03/31/23 03:40*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*03/27/23 16:39*	*03/31/23 03:40*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/31/23 12:09	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/27/23 11:26	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/24/23 14:26	03/26/23 00:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/24/23 14:26	03/26/23 00:38	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/24/23 14:26	03/26/23 00:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*03/24/23 14:26*	*03/26/23 00:38*	*1*
o-Terphenyl	*106*		*70 - 130*	*03/24/23 14:26*	*03/26/23 00:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1110**		5.01		mg/Kg			03/28/23 07:38	1

Client Sample ID: T-17 (4)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-70
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		03/27/23 16:39	03/31/23 04:00	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/27/23 16:39	03/31/23 04:00	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/27/23 16:39	03/31/23 04:00	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		03/27/23 16:39	03/31/23 04:00	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/27/23 16:39	03/31/23 04:00	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/27/23 16:39	03/31/23 04:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*03/27/23 16:39*	*03/31/23 04:00*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*03/27/23 16:39*	*03/31/23 04:00*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-17 (4)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-70
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			03/31/23 12:09	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/27/23 11:26	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/24/23 14:26	03/26/23 01:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/24/23 14:26	03/26/23 01:00	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/24/23 14:26	03/26/23 01:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 130*	*03/24/23 14:26*	*03/26/23 01:00*	*1*
o-Terphenyl	*95*		*70 - 130*	*03/24/23 14:26*	*03/26/23 01:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**861**		4.99		mg/Kg			03/28/23 07:43	1

Client Sample ID: T-17 (5)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-71
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:39	03/31/23 05:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:39	03/31/23 05:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:39	03/31/23 05:50	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/27/23 16:39	03/31/23 05:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:39	03/31/23 05:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/27/23 16:39	03/31/23 05:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*03/27/23 16:39*	*03/31/23 05:50*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*03/27/23 16:39*	*03/31/23 05:50*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/31/23 12:09	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/27/23 11:26	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/24/23 14:26	03/26/23 01:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/24/23 14:26	03/26/23 01:22	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-17 (5)

Lab Sample ID: 880-26282-71
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/24/23 14:26	03/26/23 01:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*03/24/23 14:26*	*03/26/23 01:22*	*1*
o-Terphenyl	*93*		*70 - 130*	*03/24/23 14:26*	*03/26/23 01:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**535**		5.03		mg/Kg			03/28/23 07:47	1

Client Sample ID: T-18 (0-1)

Lab Sample ID: 880-26282-72
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:39	03/31/23 06:11	1
Toluene	**0.00225**		0.00199		mg/Kg		03/27/23 16:39	03/31/23 06:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:39	03/31/23 06:11	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/27/23 16:39	03/31/23 06:11	1
o-Xylene	**0.00315**		0.00199		mg/Kg		03/27/23 16:39	03/31/23 06:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/27/23 16:39	03/31/23 06:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*03/27/23 16:39*	*03/31/23 06:11*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*03/27/23 16:39*	*03/31/23 06:11*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00540**		0.00398		mg/Kg			03/31/23 12:09	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**19200**		249		mg/Kg			03/27/23 11:26	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<249	U	249		mg/Kg		03/24/23 14:26	03/26/23 05:42	5
Diesel Range Organics (Over C10-C28)	**19200**		249		mg/Kg		03/24/23 14:26	03/26/23 05:42	5
OII Range Organics (Over C28-C36)	<249	U	249		mg/Kg		03/24/23 14:26	03/26/23 05:42	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*65*	*S1-*	*70 - 130*	*03/24/23 14:26*	*03/26/23 05:42*	*5*
o-Terphenyl	*400*	*S1+*	*70 - 130*	*03/24/23 14:26*	*03/26/23 05:42*	*5*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**19600**		253		mg/Kg			03/28/23 08:02	50

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-18 (1.5)

Lab Sample ID: 880-26282-73
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:39	03/31/23 06:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:39	03/31/23 06:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:39	03/31/23 06:31	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/27/23 16:39	03/31/23 06:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:39	03/31/23 06:31	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/27/23 16:39	03/31/23 06:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*03/27/23 16:39*	*03/31/23 06:31*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*03/27/23 16:39*	*03/31/23 06:31*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/31/23 12:09	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**58.9**		49.9		mg/Kg			03/27/23 11:26	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/24/23 14:26	03/26/23 01:43	1
Diesel Range Organics (Over C10-C28)	**58.9**		49.9		mg/Kg		03/24/23 14:26	03/26/23 01:43	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/24/23 14:26	03/26/23 01:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*03/24/23 14:26*	*03/26/23 01:43*	*1*
o-Terphenyl	*93*		*70 - 130*	*03/24/23 14:26*	*03/26/23 01:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7150**		50.2		mg/Kg			03/28/23 08:07	10

Client Sample ID: T-18 (2)

Lab Sample ID: 880-26282-74
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:39	03/31/23 06:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:39	03/31/23 06:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:39	03/31/23 06:52	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/27/23 16:39	03/31/23 06:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:39	03/31/23 06:52	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/27/23 16:39	03/31/23 06:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*03/27/23 16:39*	*03/31/23 06:52*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*03/27/23 16:39*	*03/31/23 06:52*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-18 (2)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-74
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			03/31/23 12:09	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/27/23 11:26	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/24/23 14:26	03/26/23 02:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/24/23 14:26	03/26/23 02:27	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/24/23 14:26	03/26/23 02:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 130*	*03/24/23 14:26*	*03/26/23 02:27*	*1*
o-Terphenyl	*94*		*70 - 130*	*03/24/23 14:26*	*03/26/23 02:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3110**		24.9		mg/Kg			03/28/23 08:21	5

Client Sample ID: T-18 (3)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-75
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:39	03/31/23 07:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:39	03/31/23 07:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:39	03/31/23 07:12	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/27/23 16:39	03/31/23 07:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:39	03/31/23 07:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/27/23 16:39	03/31/23 07:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*03/27/23 16:39*	*03/31/23 07:12*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*03/27/23 16:39*	*03/31/23 07:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/31/23 12:09	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/27/23 11:26	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/24/23 14:26	03/26/23 02:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/24/23 14:26	03/26/23 02:48	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-18 (3)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-75

Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/24/23 14:26	03/26/23 02:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*84*		*70 - 130*	*03/24/23 14:26*	*03/26/23 02:48*	*1*
o-Terphenyl	*92*		*70 - 130*	*03/24/23 14:26*	*03/26/23 02:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**101**		4.97		mg/Kg			03/28/23 08:26	1

Client Sample ID: T-18 (4)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-76

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/27/23 16:39	03/31/23 07:33	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/27/23 16:39	03/31/23 07:33	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/27/23 16:39	03/31/23 07:33	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/27/23 16:39	03/31/23 07:33	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/27/23 16:39	03/31/23 07:33	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/27/23 16:39	03/31/23 07:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*03/27/23 16:39*	*03/31/23 07:33*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*03/27/23 16:39*	*03/31/23 07:33*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/31/23 12:09	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**112**		49.9		mg/Kg			03/27/23 11:26	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/24/23 14:26	03/26/23 03:10	1
Diesel Range Organics (Over C10-C28)	**112**		49.9		mg/Kg		03/24/23 14:26	03/26/23 03:10	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/24/23 14:26	03/26/23 03:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 130*	*03/24/23 14:26*	*03/26/23 03:10*	*1*
o-Terphenyl	*92*		*70 - 130*	*03/24/23 14:26*	*03/26/23 03:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**69.2**		4.99		mg/Kg			03/28/23 08:31	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-19 (0-1)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-77
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		03/27/23 16:39	03/31/23 07:53	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/27/23 16:39	03/31/23 07:53	1
Ethylbenzene	**0.00911**		0.00202		mg/Kg		03/27/23 16:39	03/31/23 07:53	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		03/27/23 16:39	03/31/23 07:53	1
o-Xylene	**0.0159**		0.00202		mg/Kg		03/27/23 16:39	03/31/23 07:53	1
Xylenes, Total	**0.0159**		0.00403		mg/Kg		03/27/23 16:39	03/31/23 07:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*03/27/23 16:39*	*03/31/23 07:53*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*03/27/23 16:39*	*03/31/23 07:53*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0250**		0.00403		mg/Kg			03/31/23 12:09	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**5730**		49.9		mg/Kg			03/27/23 11:26	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**154**		49.9		mg/Kg		03/24/23 14:26	03/26/23 04:58	1
Diesel Range Organics (Over C10-C28)	**5580**		49.9		mg/Kg		03/24/23 14:26	03/26/23 04:58	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/24/23 14:26	03/26/23 04:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 130*	*03/24/23 14:26*	*03/26/23 04:58*	*1*
o-Terphenyl	*131*	*S1+*	*70 - 130*	*03/24/23 14:26*	*03/26/23 04:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2300**		25.0		mg/Kg			03/28/23 08:36	5

Client Sample ID: T-19 (1.5)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-78
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:39	03/31/23 08:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:39	03/31/23 08:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:39	03/31/23 08:54	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/27/23 16:39	03/31/23 08:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:39	03/31/23 08:54	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/27/23 16:39	03/31/23 08:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*03/27/23 16:39*	*03/31/23 08:54*	*1*
1,4-Difluorobenzene (Surr)	*120*		*70 - 130*	*03/27/23 16:39*	*03/31/23 08:54*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-19 (1.5)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-78
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/31/23 12:09	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**245**		49.8		mg/Kg			03/27/23 11:26	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/24/23 14:26	03/26/23 03:32	1
Diesel Range Organics (Over C10-C28)	**245**		49.8		mg/Kg		03/24/23 14:26	03/26/23 03:32	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/24/23 14:26	03/26/23 03:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*84*		*70 - 130*	*03/24/23 14:26*	*03/26/23 03:32*	*1*
o-Terphenyl	*90*		*70 - 130*	*03/24/23 14:26*	*03/26/23 03:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1340**		4.95		mg/Kg			03/28/23 08:41	1

Client Sample ID: T-19 (2)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-79
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:39	03/31/23 09:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:39	03/31/23 09:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:39	03/31/23 09:15	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/27/23 16:39	03/31/23 09:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:39	03/31/23 09:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/27/23 16:39	03/31/23 09:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*03/27/23 16:39*	*03/31/23 09:15*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*03/27/23 16:39*	*03/31/23 09:15*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/31/23 12:09	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/27/23 11:26	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/24/23 14:26	03/26/23 03:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/24/23 14:26	03/26/23 03:53	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-19 (2)

Lab Sample ID: 880-26282-79
Date Collected: 03/21/23 00:00
Matrix: Solid
Date Received: 03/23/23 11:43

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/24/23 14:26	03/26/23 03:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*03/24/23 14:26*	*03/26/23 03:53*	*1*
o-Terphenyl	*104*		*70 - 130*	*03/24/23 14:26*	*03/26/23 03:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1510**		25.1		mg/Kg			03/28/23 08:45	5

Client Sample ID: T-19 (3)

Lab Sample ID: 880-26282-80
Date Collected: 03/21/23 00:00
Matrix: Solid
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/30/23 12:57	04/01/23 03:10	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/30/23 12:57	04/01/23 03:10	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/30/23 12:57	04/01/23 03:10	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/30/23 12:57	04/01/23 03:10	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/30/23 12:57	04/01/23 03:10	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/30/23 12:57	04/01/23 03:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*03/30/23 12:57*	*04/01/23 03:10*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*03/30/23 12:57*	*04/01/23 03:10*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/03/23 16:44	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/27/23 11:26	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/24/23 14:26	03/26/23 04:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/24/23 14:26	03/26/23 04:15	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/24/23 14:26	03/26/23 04:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*83*		*70 - 130*	*03/24/23 14:26*	*03/26/23 04:15*	*1*
o-Terphenyl	*90*		*70 - 130*	*03/24/23 14:26*	*03/26/23 04:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1030**		5.05		mg/Kg			03/28/23 08:50	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-19 (4)

Lab Sample ID: 880-26282-81
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:41	03/30/23 13:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:41	03/30/23 13:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:41	03/30/23 13:17	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/27/23 16:41	03/30/23 13:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:41	03/30/23 13:17	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/27/23 16:41	03/30/23 13:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*03/27/23 16:41*	*03/30/23 13:17*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*03/27/23 16:41*	*03/30/23 13:17*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			03/30/23 15:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/27/23 10:30	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/24/23 14:47	03/26/23 21:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/24/23 14:47	03/26/23 21:47	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/24/23 14:47	03/26/23 21:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*03/24/23 14:47*	*03/26/23 21:47*	*1*
o-Terphenyl	*98*		*70 - 130*	*03/24/23 14:47*	*03/26/23 21:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**414**		4.96		mg/Kg			03/28/23 02:12	1

Client Sample ID: T-19 (5)

Lab Sample ID: 880-26282-82
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:41	03/30/23 13:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:41	03/30/23 13:38	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:41	03/30/23 13:38	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/27/23 16:41	03/30/23 13:38	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:41	03/30/23 13:38	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/27/23 16:41	03/30/23 13:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*03/27/23 16:41*	*03/30/23 13:38*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*03/27/23 16:41*	*03/30/23 13:38*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-19 (5)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-82
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/30/23 15:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/27/23 10:30	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/24/23 14:47	03/26/23 22:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/24/23 14:47	03/26/23 22:52	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/24/23 14:47	03/26/23 22:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*201*	*S1+*	*70 - 130*	*03/24/23 14:47*	*03/26/23 22:52*	*1*
o-Terphenyl	*187*	*S1+*	*70 - 130*	*03/24/23 14:47*	*03/26/23 22:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**471**		4.98		mg/Kg			03/28/23 02:26	1

Client Sample ID: T-20 (0-1)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-83
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:41	03/30/23 13:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:41	03/30/23 13:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:41	03/30/23 13:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/27/23 16:41	03/30/23 13:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:41	03/30/23 13:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/27/23 16:41	03/30/23 13:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*03/27/23 16:41*	*03/30/23 13:59*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*03/27/23 16:41*	*03/30/23 13:59*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/30/23 15:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**363**		49.9		mg/Kg			03/27/23 10:30	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/24/23 14:47	03/26/23 23:12	1
Diesel Range Organics (Over C10-C28)	**363**		49.9		mg/Kg		03/24/23 14:47	03/26/23 23:12	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-20 (0-1)

Lab Sample ID: 880-26282-83
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/24/23 14:47	03/26/23 23:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*195*	*S1+*	*70 - 130*	*03/24/23 14:47*	*03/26/23 23:12*	*1*
o-Terphenyl	*178*	*S1+*	*70 - 130*	*03/24/23 14:47*	*03/26/23 23:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5680**		49.5		mg/Kg			03/28/23 02:30	10

Client Sample ID: T-20 (1.5)

Lab Sample ID: 880-26282-84
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/27/23 16:41	03/30/23 14:19	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/27/23 16:41	03/30/23 14:19	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/27/23 16:41	03/30/23 14:19	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/27/23 16:41	03/30/23 14:19	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/27/23 16:41	03/30/23 14:19	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/27/23 16:41	03/30/23 14:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*03/27/23 16:41*	*03/30/23 14:19*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*03/27/23 16:41*	*03/30/23 14:19*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/30/23 15:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**70.5**		49.9		mg/Kg			03/27/23 10:30	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/24/23 14:47	03/26/23 23:34	1
Diesel Range Organics (Over C10-C28)	**70.5**		49.9		mg/Kg		03/24/23 14:47	03/26/23 23:34	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/24/23 14:47	03/26/23 23:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*03/24/23 14:47*	*03/26/23 23:34*	*1*
o-Terphenyl	*92*		*70 - 130*	*03/24/23 14:47*	*03/26/23 23:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**218**		5.03		mg/Kg			03/28/23 02:35	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-20 (2)

Lab Sample ID: 880-26282-85
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:41	03/30/23 14:40	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:41	03/30/23 14:40	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:41	03/30/23 14:40	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/27/23 16:41	03/30/23 14:40	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:41	03/30/23 14:40	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/27/23 16:41	03/30/23 14:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*03/27/23 16:41*	*03/30/23 14:40*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*03/27/23 16:41*	*03/30/23 14:40*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/30/23 15:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/27/23 10:30	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/24/23 14:47	03/26/23 23:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/24/23 14:47	03/26/23 23:54	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/24/23 14:47	03/26/23 23:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*03/24/23 14:47*	*03/26/23 23:54*	*1*
o-Terphenyl	*90*		*70 - 130*	*03/24/23 14:47*	*03/26/23 23:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**87.7**		5.01		mg/Kg			03/28/23 02:39	1

Client Sample ID: T-20 (3)

Lab Sample ID: 880-26282-86
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:41	03/30/23 15:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:41	03/30/23 15:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:41	03/30/23 15:00	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/27/23 16:41	03/30/23 15:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:41	03/30/23 15:00	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/27/23 16:41	03/30/23 15:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*03/27/23 16:41*	*03/30/23 15:00*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*03/27/23 16:41*	*03/30/23 15:00*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-20 (3)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-86
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/31/23 12:09	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/27/23 10:30	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/24/23 14:47	03/27/23 00:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/24/23 14:47	03/27/23 00:15	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/24/23 14:47	03/27/23 00:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*03/24/23 14:47*	*03/27/23 00:15*	*1*
o-Terphenyl	*90*		*70 - 130*	*03/24/23 14:47*	*03/27/23 00:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**48.3**		5.00		mg/Kg			03/28/23 02:53	1

Client Sample ID: T-21 (0-1)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-87
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/27/23 16:41	03/30/23 15:20	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/27/23 16:41	03/30/23 15:20	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/27/23 16:41	03/30/23 15:20	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/27/23 16:41	03/30/23 15:20	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/27/23 16:41	03/30/23 15:20	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/27/23 16:41	03/30/23 15:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*03/27/23 16:41*	*03/30/23 15:20*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*03/27/23 16:41*	*03/30/23 15:20*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/31/23 12:09	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**94.8**		50.0		mg/Kg			03/27/23 10:30	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/24/23 14:47	03/27/23 00:35	1
Diesel Range Organics (Over C10-C28)	**94.8**		50.0		mg/Kg		03/24/23 14:47	03/27/23 00:35	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-21 (0-1)

Lab Sample ID: 880-26282-87
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/24/23 14:47	03/27/23 00:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*03/24/23 14:47*	*03/27/23 00:35*	*1*
o-Terphenyl	*92*		*70 - 130*	*03/24/23 14:47*	*03/27/23 00:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1130**		4.97		mg/Kg			03/28/23 02:58	1

Client Sample ID: T-21 (1.5)

Lab Sample ID: 880-26282-88
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/27/23 16:41	03/30/23 15:41	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/27/23 16:41	03/30/23 15:41	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/27/23 16:41	03/30/23 15:41	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/27/23 16:41	03/30/23 15:41	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/27/23 16:41	03/30/23 15:41	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/27/23 16:41	03/30/23 15:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*03/27/23 16:41*	*03/30/23 15:41*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*03/27/23 16:41*	*03/30/23 15:41*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/31/23 12:09	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/27/23 10:30	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/24/23 14:47	03/27/23 00:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/24/23 14:47	03/27/23 00:55	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/24/23 14:47	03/27/23 00:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*03/24/23 14:47*	*03/27/23 00:55*	*1*
o-Terphenyl	*88*		*70 - 130*	*03/24/23 14:47*	*03/27/23 00:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**134**		4.98		mg/Kg			03/28/23 03:02	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-21 (2)

Lab Sample ID: 880-26282-89
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:41	03/30/23 16:01	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:41	03/30/23 16:01	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:41	03/30/23 16:01	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/27/23 16:41	03/30/23 16:01	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/27/23 16:41	03/30/23 16:01	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/27/23 16:41	03/30/23 16:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*03/27/23 16:41*	*03/30/23 16:01*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*03/27/23 16:41*	*03/30/23 16:01*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/31/23 12:09	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/27/23 10:30	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/24/23 14:47	03/27/23 01:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/24/23 14:47	03/27/23 01:16	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/24/23 14:47	03/27/23 01:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*03/24/23 14:47*	*03/27/23 01:16*	*1*
o-Terphenyl	*92*		*70 - 130*	*03/24/23 14:47*	*03/27/23 01:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**101**		5.04		mg/Kg			03/28/23 03:07	1

Client Sample ID: T-21 (3)

Lab Sample ID: 880-26282-90
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:41	03/30/23 18:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:41	03/30/23 18:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:41	03/30/23 18:12	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/27/23 16:41	03/30/23 18:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:41	03/30/23 18:12	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/27/23 16:41	03/30/23 18:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*03/27/23 16:41*	*03/30/23 18:12*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*03/27/23 16:41*	*03/30/23 18:12*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-21 (3)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-90

Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/31/23 12:09	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/27/23 10:30	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/24/23 14:47	03/27/23 01:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/24/23 14:47	03/27/23 01:36	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/24/23 14:47	03/27/23 01:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*03/24/23 14:47*	*03/27/23 01:36*	*1*
o-Terphenyl	*87*		*70 - 130*	*03/24/23 14:47*	*03/27/23 01:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**63.7**		5.04		mg/Kg			03/28/23 03:11	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)										
880-26282-1	T-1 (0-1)	157 S1+	76										
880-26282-1 MS	T-1 (0-1)	16 S1-	110										
880-26282-1 MSD	T-1 (0-1)	137 S1+	77										
880-26282-2	T-1 (1.5)	189 S1+	83										
880-26282-3	T-1 (2)	187 S1+	81										
880-26282-4	T-2 (0-1)	174 S1+	86										
880-26282-5	T-2 (1.5)	202 S1+	91										
880-26282-6	T-2 (2)	185 S1+	87										
880-26282-7	T-2 (3)	224 S1+	95										
880-26282-8	T-2 (4)	191 S1+	81										
880-26282-9	T-3 (0-1)	199 S1+	94										
880-26282-10	T-3 (1.5)	205 S1+	89										
880-26282-11	T-3 (2)	172 S1+	82										
880-26282-12	T-4 (0-1)	195 S1+	82										
880-26282-13	T-4 (1.5)	203 S1+	90										
880-26282-14	T-4 (2)	208 S1+	89										
880-26282-15	T-5 (0-1)	203 S1+	87										
880-26282-16	T-5 (1.5)	200 S1+	82										
880-26282-17	T-5 (2)	199 S1+	82										
880-26282-18	T-5 (3)	212 S1+	83										
880-26282-19	T-5 (4)	208 S1+	83										
880-26282-20	T-6 (0-1)	198 S1+	77										
880-26282-21	T-6 (1.5)	78	80										
880-26282-21 MS	T-6 (1.5)	120	107										
880-26282-21 MSD	T-6 (1.5)	114	108										
880-26282-22	T-6 (2)	90	95										
880-26282-23	T-7 (0-1)	102	85										
880-26282-24	T-7 (1.5)	91	95										
880-26282-25	T-7 (2)	98	99										
880-26282-26	T-8 (0-1)	112	92										
880-26282-27	T-8 (1.5)	104	100										
880-26282-28	T-8 (2)	99	104										
880-26282-29	T-9 (0-1)	98	107										
880-26282-30	T-9 (1.5)	99	104										
880-26282-31	T-9 (2)	93	104										
880-26282-32	T-9 (3)	100	102										
880-26282-33	T-10 (0-1)	100	85										
880-26282-34	T-10 (1.5)	84	97										
880-26282-35	T-10 (2)	108	94										
880-26282-36	T-10 (3)	88	96										
880-26282-37	T-11 (0-1)	107	105										
880-26282-38	T-11 (1,5)	86	104										
880-26282-39	T-11 (2)	85	102										
880-26282-40	T-11 (3)	92	91										
880-26282-41	T-12 (0-1)	104	90										
880-26282-41 MS	T-12 (0-1)	97	97										
880-26282-41 MSD	T-12 (0-1)	93	96										
880-26282-42	T-12 (1.5)	103	101										
880-26282-43	T-12 (2)	103	102										

Surrogate Summary

Client: Carmona Resources
Job ID: 880-26282-1
Project/Site: Lacey Swiss 1 Fed Com 707H
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)								
880-26282-44	T-12 (3)	106	103								
880-26282-45	T-13 (0-1)	111	107								
880-26282-46	T-13 (1.5)	106	100								
880-26282-47	T-13 (2)	110	102								
880-26282-48	T-13 (3)	105	100								
880-26282-49	T-14 (0-1)	116	100								
880-26282-50	T-14 (1.5)	105	100								
880-26282-51	T-14 (2)	104	89								
880-26282-52	T-14 (3)	113	96								
880-26282-53	T-14 (4)	113	98								
880-26282-54	T-14 (5)	114	96								
880-26282-55	T-14 (6)	117	101								
880-26282-56	T-15 (0-1)	111	101								
880-26282-57	T-15 (1.5)	111	98								
880-26282-58	T-15 (2)	114	98								
880-26282-59	T-15 (3)	110	102								
880-26282-60	T-15 (4)	107	99								
880-26282-61	T-15 (5)	93	107								
880-26282-61 MS	T-15 (5)	95	107								
880-26282-61 MSD	T-15 (5)	99	108								
880-26282-62	T-16 (0-1)	101	109								
880-26282-63	T-16 (1,5)	102	108								
880-26282-64	T-16 (2)	102	102								
880-26282-65	T-16 (3)	98	107								
880-26282-66	T-17 (0-1)	100	107								
880-26282-67	T-17 (1.5)	101	101								
880-26282-68	T-17 (2)	104	107								
880-26282-69	T-17 (3)	105	110								
880-26282-70	T-17 (4)	100	107								
880-26282-71	T-17 (5)	95	108								
880-26282-72	T-18 (0-1)	96	112								
880-26282-73	T-18 (1.5)	104	110								
880-26282-74	T-18 (2)	103	111								
880-26282-75	T-18 (3)	98	103								
880-26282-76	T-18 (4)	96	106								
880-26282-77	T-19 (0-1)	100	109								
880-26282-78	T-19 (1.5)	106	120								
880-26282-79	T-19 (2)	102	112								
880-26282-80	T-19 (3)	101	107								
880-26282-81	T-19 (4)	92	105								
880-26282-81 MS	T-19 (4)	103	108								
880-26282-81 MSD	T-19 (4)	96	105								
880-26282-82	T-19 (5)	105	109								
880-26282-83	T-20 (0-1)	103	107								
880-26282-84	T-20 (1.5)	101	107								
880-26282-85	T-20 (2)	104	108								
880-26282-86	T-20 (3)	104	108								
880-26282-87	T-21 (0-1)	96	101								
880-26282-88	T-21 (1.5)	106	108								
880-26282-89	T-21 (2)	101	106								

Surrogate Summary

Client: Carmona Resources Job ID: 880-26282-1
Project/Site: Lacey Swiss 1 Fed Com 707H SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-26282-90	T-21 (3)	94	107
890-4387-A-1-D MS	Matrix Spike	108	108
890-4387-A-1-E MSD	Matrix Spike Duplicate	106	111
LCS 880-49660/1-A	Lab Control Sample	136 S1+	89
LCS 880-49665/1-A	Lab Control Sample	107	105
LCS 880-49666/1-A	Lab Control Sample	106	92
LCS 880-49667/1-A	Lab Control Sample	100	113
LCS 880-49668/1-A	Lab Control Sample	97	110
LCS 880-49940/1-A	Lab Control Sample	99	109
LCSD 880-49660/2-A	Lab Control Sample Dup	159 S1+	81
LCSD 880-49665/2-A	Lab Control Sample Dup	119	104
LCSD 880-49666/2-A	Lab Control Sample Dup	104	91
LCSD 880-49667/2-A	Lab Control Sample Dup	98	104
LCSD 880-49668/2-A	Lab Control Sample Dup	99	108
LCSD 880-49940/2-A	Lab Control Sample Dup	98	107
MB 880-49585/5-A	Method Blank	99	81
MB 880-49660/5-A	Method Blank	119	72
MB 880-49665/5-A	Method Blank	78	81
MB 880-49666/5-A	Method Blank	104	82
MB 880-49667/5-A	Method Blank	88	102
MB 880-49668/5-A	Method Blank	86	101
MB 880-49806/5-A	Method Blank	72	97
MB 880-49940/5-A	Method Blank	94	101
MB 880-50015/8	Method Blank	89	104

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-26282-1	T-1 (0-1)	93	89
880-26282-1 MS	T-1 (0-1)	105	93
880-26282-1 MSD	T-1 (0-1)	105	92
880-26282-2	T-1 (1.5)	102	93
880-26282-3	T-1 (2)	99	94
880-26282-4	T-2 (0-1)	108	99
880-26282-5	T-2 (1.5)	90	86
880-26282-6	T-2 (2)	89	85
880-26282-7	T-2 (3)	89	87
880-26282-8	T-2 (4)	88	85
880-26282-9	T-3 (0-1)	87	84
880-26282-10	T-3 (1.5)	86	83
880-26282-11	T-3 (2)	85	81
880-26282-12	T-4 (0-1)	102	96
880-26282-13	T-4 (1.5)	89	88
880-26282-14	T-4 (2)	104	99

Surrogate Summary

Client: Carmona Resources
Job ID: 880-26282-1
Project/Site: Lacey Swiss 1 Fed Com 707H
SDG: Lea County, New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)								
880-26282-15	T-5 (0-1)	96	94								
880-26282-16	T-5 (1.5)	98	94								
880-26282-17	T-5 (2)	102	98								
880-26282-18	T-5 (3)	102	100								
880-26282-19	T-5 (4)	88	93								
880-26282-20	T-6 (0-1)	99	99								
880-26282-21	T-6 (1.5)	93	104								
880-26282-21 MS	T-6 (1.5)	106	95								
880-26282-21 MSD	T-6 (1.5)	91	96								
880-26282-22	T-6 (2)	113	117								
880-26282-23	T-7 (0-1)	98	110								
880-26282-24	T-7 (1.5)	104	109								
880-26282-25	T-7 (2)	99	108								
880-26282-26	T-8 (0-1)	101	108								
880-26282-27	T-8 (1.5)	95	107								
880-26282-28	T-8 (2)	102	112								
880-26282-29	T-9 (0-1)	94	106								
880-26282-30	T-9 (1.5)	92	104								
880-26282-31	T-9 (2)	88	95								
880-26282-32	T-9 (3)	95	94								
880-26282-33	T-10 (0-1)	98	108								
880-26282-34	T-10 (1.5)	90	89								
880-26282-35	T-10 (2)	113	109								
880-26282-36	T-10 (3)	106	104								
880-26282-37	T-11 (0-1)	96	97								
880-26282-38	T-11 (1,5)	87	86								
880-26282-39	T-11 (2)	90	90								
880-26282-40	T-11 (3)	103	104								
880-26282-41	T-12 (0-1)	95	100								
880-26282-42	T-12 (1.5)	88	90								
880-26282-42 MS	T-12 (1.5)	109	101								
880-26282-42 MSD	T-12 (1.5)	98	91								
880-26282-43	T-12 (2)	96	101								
880-26282-44	T-12 (3)	112	120								
880-26282-45	T-13 (0-1)	103	113								
880-26282-46	T-13 (1.5)	86	86								
880-26282-47	T-13 (2)	92	97								
880-26282-48	T-13 (3)	100	107								
880-26282-49	T-14 (0-1)	92	92								
880-26282-50	T-14 (1.5)	86	89								
880-26282-51	T-14 (2)	95	101								
880-26282-52	T-14 (3)	98	97								
880-26282-53	T-14 (4)	96	101								
880-26282-54	T-14 (5)	100	107								
880-26282-55	T-14 (6)	108	116								
880-26282-56	T-15 (0-1)	91	97								
880-26282-57	T-15 (1.5)	91	97								
880-26282-58	T-15 (2)	89	95								
880-26282-59	T-15 (3)	104	112								
880-26282-60	T-15 (4)	93	102								

Surrogate Summary

Client: Carmona Resources
Job ID: 880-26282-1
Project/Site: Lacey Swiss 1 Fed Com 707H
SDG: Lea County, New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)								
880-26282-61	T-15 (5)	105	109								
880-26282-61 MS	T-15 (5)	94	93								
880-26282-61 MSD	T-15 (5)	125	104								
880-26282-62	T-16 (0-1)	95	96								
880-26282-63	T-16 (1,5)	94	95								
880-26282-64	T-16 (2)	86	90								
880-26282-65	T-16 (3)	100	100								
880-26282-66	T-17 (0-1)	64 S1-	300 S1+								
880-26282-67	T-17 (1.5)	84	89								
880-26282-68	T-17 (2)	91	97								
880-26282-69	T-17 (3)	103	106								
880-26282-70	T-17 (4)	87	95								
880-26282-71	T-17 (5)	86	93								
880-26282-72	T-18 (0-1)	65 S1-	400 S1+								
880-26282-73	T-18 (1.5)	86	93								
880-26282-74	T-18 (2)	87	94								
880-26282-75	T-18 (3)	84	92								
880-26282-76	T-18 (4)	87	92								
880-26282-77	T-19 (0-1)	87	131 S1+								
880-26282-78	T-19 (1.5)	84	90								
880-26282-79	T-19 (2)	99	104								
880-26282-80	T-19 (3)	83	90								
880-26282-81	T-19 (4)	100	98								
880-26282-81 MS	T-19 (4)	112	93								
880-26282-81 MSD	T-19 (4)	117	98								
880-26282-82	T-19 (5)	201 S1+	187 S1+								
880-26282-83	T-20 (0-1)	195 S1+	178 S1+								
880-26282-84	T-20 (1.5)	99	92								
880-26282-85	T-20 (2)	99	90								
880-26282-86	T-20 (3)	98	90								
880-26282-87	T-21 (0-1)	99	92								
880-26282-88	T-21 (1.5)	96	88								
880-26282-89	T-21 (2)	102	92								
880-26282-90	T-21 (3)	94	87								
LCS 880-49333/2-A	Lab Control Sample	85	74								
LCS 880-49335/2-A	Lab Control Sample	87	92								
LCS 880-49372/2-A	Lab Control Sample	104	99								
LCS 880-49451/2-A	Lab Control Sample	91	95								
LCS 880-49453/2-A	Lab Control Sample	95	85								
LCSD 880-49333/3-A	Lab Control Sample Dup	87	80								
LCSD 880-49335/3-A	Lab Control Sample Dup	94	99								
LCSD 880-49372/3-A	Lab Control Sample Dup	125	146 S1+								
LCSD 880-49451/3-A	Lab Control Sample Dup	83	95								
LCSD 880-49453/3-A	Lab Control Sample Dup	91	83								
MB 880-49333/1-A	Method Blank	93	92								
MB 880-49335/1-A	Method Blank	118	121								
MB 880-49372/1-A	Method Blank	107	116								
MB 880-49451/1-A	Method Blank	115	118								
MB 880-49453/1-A	Method Blank	118	115								

Surrogate Summary

Client: Carmona Resources
Job ID: 880-26282-1
Project/Site: Lacey Swiss 1 Fed Com 707H
SDG: Lea County, New Mexico

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-49585/5-A
Matrix: Solid
Analysis Batch: 49917

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 49585

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/27/23 10:12	03/30/23 10:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/27/23 10:12	03/30/23 10:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/27/23 10:12	03/30/23 10:49	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/27/23 10:12	03/30/23 10:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/27/23 10:12	03/30/23 10:49	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/27/23 10:12	03/30/23 10:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*03/27/23 10:12*	*03/30/23 10:49*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*03/27/23 10:12*	*03/30/23 10:49*	*1*

Lab Sample ID: MB 880-49660/5-A
Matrix: Solid
Analysis Batch: 49870

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 49660

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:22	03/29/23 19:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:22	03/29/23 19:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:22	03/29/23 19:25	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/27/23 16:22	03/29/23 19:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:22	03/29/23 19:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/27/23 16:22	03/29/23 19:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*03/27/23 16:22*	*03/29/23 19:25*	*1*
1,4-Difluorobenzene (Surr)	*72*		*70 - 130*	*03/27/23 16:22*	*03/29/23 19:25*	*1*

Lab Sample ID: LCS 880-49660/1-A
Matrix: Solid
Analysis Batch: 49870

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 49660

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1149		mg/Kg		115	70 - 130
Toluene	0.100	0.1098		mg/Kg		110	70 - 130
Ethylbenzene	0.100	0.1194		mg/Kg		119	70 - 130
m-Xylene & p-Xylene	0.200	0.2453		mg/Kg		123	70 - 130
o-Xylene	0.100	0.1154		mg/Kg		115	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*136*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*

Lab Sample ID: LCSD 880-49660/2-A
Matrix: Solid
Analysis Batch: 49870

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 49660

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1194		mg/Kg		119	70 - 130	4	35

QC Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-49660/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 49870 — **Prep Batch: 49660**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.1248		mg/Kg		125	70 - 130	13	35
Ethylbenzene			0.100	0.1360	*+	mg/Kg		136	70 - 130	13	35
m-Xylene & p-Xylene			0.200	0.2802	*+	mg/Kg		140	70 - 130	13	35
o-Xylene			0.100	0.1323	*+	mg/Kg		132	70 - 130	14	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*159*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*

Lab Sample ID: 880-26282-1 MS — **Client Sample ID: T-1 (0-1)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 49870 — **Prep Batch: 49660**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.0998	0.1155		mg/Kg		116	70 - 130
Toluene	<0.00199	U F1	0.0998	0.08741		mg/Kg		88	70 - 130
Ethylbenzene	<0.00199	U *+ F1	0.0998	0.07683		mg/Kg		77	70 - 130
m-Xylene & p-Xylene	<0.00398	U *+ F1	0.200	0.1512		mg/Kg		76	70 - 130
o-Xylene	<0.00199	U *+ F2 F1	0.0998	0.07452		mg/Kg		75	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*16*	*S1-*	*70 - 130*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*

Lab Sample ID: 880-26282-1 MSD — **Client Sample ID: T-1 (0-1)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 49870 — **Prep Batch: 49660**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.100	0.09073		mg/Kg		91	70 - 130	24	35
Toluene	<0.00199	U F1	0.100	0.06615	F1	mg/Kg		66	70 - 130	28	35
Ethylbenzene	<0.00199	U *+ F1	0.100	0.05901	F1	mg/Kg		59	70 - 130	26	35
m-Xylene & p-Xylene	<0.00398	U *+ F1	0.200	0.1186	F1	mg/Kg		59	70 - 130	24	35
o-Xylene	<0.00199	U *+ F2 F1	0.100	0.04395	F2 F1	mg/Kg		44	70 - 130	52	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*137*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*

Lab Sample ID: MB 880-49665/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 49916 — **Prep Batch: 49665**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:35	03/30/23 22:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:35	03/30/23 22:21	1

QC Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-49665/5-A
Matrix: Solid
Analysis Batch: 49916

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 49665

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:35	03/30/23 22:21	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/27/23 16:35	03/30/23 22:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:35	03/30/23 22:21	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/27/23 16:35	03/30/23 22:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*78*		*70 - 130*	*03/27/23 16:35*	*03/30/23 22:21*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*03/27/23 16:35*	*03/30/23 22:21*	*1*

Lab Sample ID: LCS 880-49665/1-A
Matrix: Solid
Analysis Batch: 49916

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 49665

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1028		mg/Kg		103	70 - 130		
Toluene			0.100	0.09369		mg/Kg		94	70 - 130		
Ethylbenzene			0.100	0.09513		mg/Kg		95	70 - 130		
m-Xylene & p-Xylene			0.200	0.2038		mg/Kg		102	70 - 130		
o-Xylene			0.100	0.1083		mg/Kg		108	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

Lab Sample ID: LCSD 880-49665/2-A
Matrix: Solid
Analysis Batch: 49916

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 49665

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1012		mg/Kg		101	70 - 130	2	35
Toluene			0.100	0.09652		mg/Kg		97	70 - 130	3	35
Ethylbenzene			0.100	0.09999		mg/Kg		100	70 - 130	5	35
m-Xylene & p-Xylene			0.200	0.2166		mg/Kg		108	70 - 130	6	35
o-Xylene			0.100	0.1147		mg/Kg		115	70 - 130	6	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: 880-26282-21 MS
Matrix: Solid
Analysis Batch: 49916

Client Sample ID: T-6 (1.5)
Prep Type: Total/NA
Prep Batch: 49665

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00199	U	0.0998	0.1022		mg/Kg		102	70 - 130		
Toluene	<0.00199	U	0.0998	0.09644		mg/Kg		97	70 - 130		
Ethylbenzene	<0.00199	U	0.0998	0.09878		mg/Kg		99	70 - 130		
m-Xylene & p-Xylene	<0.00398	U	0.200	0.2092		mg/Kg		105	70 - 130		

QC Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-26282-21 MS
Matrix: Solid
Analysis Batch: 49916

Client Sample ID: T-6 (1.5)
Prep Type: Total/NA
Prep Batch: 49665

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	<0.00199	U	0.0998	0.1068		mg/Kg		107	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*

Lab Sample ID: 880-26282-21 MSD
Matrix: Solid
Analysis Batch: 49916

Client Sample ID: T-6 (1.5)
Prep Type: Total/NA
Prep Batch: 49665

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.0990	0.1045		mg/Kg		106	70 - 130	2	35
Toluene	<0.00199	U	0.0990	0.09563		mg/Kg		97	70 - 130	1	35
Ethylbenzene	<0.00199	U	0.0990	0.09708		mg/Kg		98	70 - 130	2	35
m-Xylene & p-Xylene	<0.00398	U	0.198	0.2050		mg/Kg		104	70 - 130	2	35
o-Xylene	<0.00199	U	0.0990	0.1049		mg/Kg		106	70 - 130	2	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*

Lab Sample ID: MB 880-49666/5-A
Matrix: Solid
Analysis Batch: 49917

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 49666

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:38	03/30/23 21:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:38	03/30/23 21:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:38	03/30/23 21:50	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/27/23 16:38	03/30/23 21:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:38	03/30/23 21:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/27/23 16:38	03/30/23 21:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*03/27/23 16:38*	*03/30/23 21:50*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*03/27/23 16:38*	*03/30/23 21:50*	*1*

Lab Sample ID: LCS 880-49666/1-A
Matrix: Solid
Analysis Batch: 49917

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 49666

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09475		mg/Kg		95	70 - 130
Toluene	0.100	0.1003		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.09301		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	0.200	0.1908		mg/Kg		95	70 - 130
o-Xylene	0.100	0.09781		mg/Kg		98	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-49666/1-A
Matrix: Solid
Analysis Batch: 49917

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 49666

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*

Lab Sample ID: LCSD 880-49666/2-A
Matrix: Solid
Analysis Batch: 49917

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 49666

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09231		mg/Kg		92	70 - 130	3	35
Toluene			0.100	0.09692		mg/Kg		97	70 - 130	3	35
Ethylbenzene			0.100	0.09087		mg/Kg		91	70 - 130	2	35
m-Xylene & p-Xylene			0.200	0.1853		mg/Kg		93	70 - 130	3	35
o-Xylene			0.100	0.09485		mg/Kg		95	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*

Lab Sample ID: 880-26282-41 MS
Matrix: Solid
Analysis Batch: 49917

Client Sample ID: T-12 (0-1)
Prep Type: Total/NA
Prep Batch: 49666

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00201	U	0.0996	0.07882		mg/Kg		79	70 - 130		
Toluene	<0.00201	U F1	0.0996	0.06861	F1	mg/Kg		69	70 - 130		
Ethylbenzene	<0.00201	U F1	0.0996	0.05306	F1	mg/Kg		53	70 - 130		
m-Xylene & p-Xylene	<0.00402	U F1	0.199	0.1031	F1	mg/Kg		52	70 - 130		
o-Xylene	<0.00201	U F1	0.0996	0.05153	F1	mg/Kg		52	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: 880-26282-41 MSD
Matrix: Solid
Analysis Batch: 49917

Client Sample ID: T-12 (0-1)
Prep Type: Total/NA
Prep Batch: 49666

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0994	0.07572		mg/Kg		76	70 - 130	4	35
Toluene	<0.00201	U F1	0.0994	0.06023	F1	mg/Kg		61	70 - 130	13	35
Ethylbenzene	<0.00201	U F1	0.0994	0.04241	F1	mg/Kg		43	70 - 130	22	35
m-Xylene & p-Xylene	<0.00402	U F1	0.199	0.07719	F1	mg/Kg		39	70 - 130	29	35
o-Xylene	<0.00201	U F1	0.0994	0.04140	F1	mg/Kg		42	70 - 130	22	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-49667/5-A
Matrix: Solid
Analysis Batch: 49921

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 49667

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:39	03/31/23 00:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:39	03/31/23 00:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:39	03/31/23 00:27	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/27/23 16:39	03/31/23 00:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:39	03/31/23 00:27	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/27/23 16:39	03/31/23 00:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*03/27/23 16:39*	*03/31/23 00:27*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*03/27/23 16:39*	*03/31/23 00:27*	*1*

Lab Sample ID: LCS 880-49667/1-A
Matrix: Solid
Analysis Batch: 49921

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 49667

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1043		mg/Kg		104	70 - 130		
Toluene			0.100	0.1000		mg/Kg		100	70 - 130		
Ethylbenzene			0.100	0.09070		mg/Kg		91	70 - 130		
m-Xylene & p-Xylene			0.200	0.1776		mg/Kg		89	70 - 130		
o-Xylene			0.100	0.09130		mg/Kg		91	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*

Lab Sample ID: LCSD 880-49667/2-A
Matrix: Solid
Analysis Batch: 49921

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 49667

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1019		mg/Kg		102	70 - 130	2	35
Toluene			0.100	0.1008		mg/Kg		101	70 - 130	1	35
Ethylbenzene			0.100	0.09033		mg/Kg		90	70 - 130	0	35
m-Xylene & p-Xylene			0.200	0.1752		mg/Kg		88	70 - 130	1	35
o-Xylene			0.100	0.09038		mg/Kg		90	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: 880-26282-61 MS
Matrix: Solid
Analysis Batch: 49921

Client Sample ID: T-15 (5)
Prep Type: Total/NA
Prep Batch: 49667

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00198	U	0.0998	0.09038		mg/Kg		91	70 - 130		
Toluene	<0.00198	U	0.0998	0.08830		mg/Kg		88	70 - 130		

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-26282-61 MS
Matrix: Solid
Analysis Batch: 49921

Client Sample ID: T-15 (5)
Prep Type: Total/NA
Prep Batch: 49667

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00198	U	0.0998	0.08000		mg/Kg		80	70 - 130
m-Xylene & p-Xylene	<0.00396	U	0.200	0.1561		mg/Kg		78	70 - 130
o-Xylene	<0.00198	U	0.0998	0.07908		mg/Kg		79	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*

Lab Sample ID: 880-26282-61 MSD
Matrix: Solid
Analysis Batch: 49921

Client Sample ID: T-15 (5)
Prep Type: Total/NA
Prep Batch: 49667

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.100	0.08986		mg/Kg		90	70 - 130	1	35
Toluene	<0.00198	U	0.100	0.08904		mg/Kg		88	70 - 130	1	35
Ethylbenzene	<0.00198	U	0.100	0.08071		mg/Kg		81	70 - 130	1	35
m-Xylene & p-Xylene	<0.00396	U	0.200	0.1576		mg/Kg		79	70 - 130	1	35
o-Xylene	<0.00198	U	0.100	0.08029		mg/Kg		80	70 - 130	2	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*

Lab Sample ID: MB 880-49668/5-A
Matrix: Solid
Analysis Batch: 49921

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 49668

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:41	03/30/23 12:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:41	03/30/23 12:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:41	03/30/23 12:49	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/27/23 16:41	03/30/23 12:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/27/23 16:41	03/30/23 12:49	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/27/23 16:41	03/30/23 12:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*	*03/27/23 16:41*	*03/30/23 12:49*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*03/27/23 16:41*	*03/30/23 12:49*	*1*

Lab Sample ID: LCS 880-49668/1-A
Matrix: Solid
Analysis Batch: 49921

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 49668

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1106		mg/Kg		111	70 - 130
Toluene	0.100	0.1078		mg/Kg		108	70 - 130
Ethylbenzene	0.100	0.09809		mg/Kg		98	70 - 130
m-Xylene & p-Xylene	0.200	0.1929		mg/Kg		96	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-49668/1-A
Matrix: Solid
Analysis Batch: 49921

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 49668

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.100	0.09750		mg/Kg		98	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*

Lab Sample ID: LCSD 880-49668/2-A
Matrix: Solid
Analysis Batch: 49921

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 49668

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1093		mg/Kg		109	70 - 130	1	35
Toluene			0.100	0.1087		mg/Kg		109	70 - 130	1	35
Ethylbenzene			0.100	0.09789		mg/Kg		98	70 - 130	0	35
m-Xylene & p-Xylene			0.200	0.1927		mg/Kg		96	70 - 130	0	35
o-Xylene			0.100	0.09709		mg/Kg		97	70 - 130	0	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*

Lab Sample ID: 880-26282-81 MS
Matrix: Solid
Analysis Batch: 49921

Client Sample ID: T-19 (4)
Prep Type: Total/NA
Prep Batch: 49668

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.0998	0.1028		mg/Kg		103	70 - 130		
Toluene	<0.00200	U	0.0998	0.1021		mg/Kg		101	70 - 130		
Ethylbenzene	<0.00200	U	0.0998	0.09248		mg/Kg		93	70 - 130		
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1819		mg/Kg		91	70 - 130		
o-Xylene	<0.00200	U	0.0998	0.09104		mg/Kg		91	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*

Lab Sample ID: 880-26282-81 MSD
Matrix: Solid
Analysis Batch: 49921

Client Sample ID: T-19 (4)
Prep Type: Total/NA
Prep Batch: 49668

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0990	0.09538		mg/Kg		96	70 - 130	8	35
Toluene	<0.00200	U	0.0990	0.09252		mg/Kg		92	70 - 130	10	35
Ethylbenzene	<0.00200	U	0.0990	0.08453		mg/Kg		85	70 - 130	9	35
m-Xylene & p-Xylene	<0.00401	U	0.198	0.1662		mg/Kg		84	70 - 130	9	35
o-Xylene	<0.00200	U	0.0990	0.08314		mg/Kg		84	70 - 130	9	35

QC Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-26282-81 MSD
Matrix: Solid
Analysis Batch: 49921

Client Sample ID: T-19 (4)
Prep Type: Total/NA
Prep Batch: 49668

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: MB 880-49806/5-A
Matrix: Solid
Analysis Batch: 49916

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 49806

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/29/23 10:15	03/30/23 10:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/29/23 10:15	03/30/23 10:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/29/23 10:15	03/30/23 10:47	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/29/23 10:15	03/30/23 10:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/29/23 10:15	03/30/23 10:47	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/29/23 10:15	03/30/23 10:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	72		70 - 130	03/29/23 10:15	03/30/23 10:47	1
1,4-Difluorobenzene (Surr)	97		70 - 130	03/29/23 10:15	03/30/23 10:47	1

Lab Sample ID: MB 880-49940/5-A
Matrix: Solid
Analysis Batch: 50015

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 49940

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/30/23 12:57	04/01/23 00:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/30/23 12:57	04/01/23 00:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/30/23 12:57	04/01/23 00:19	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/30/23 12:57	04/01/23 00:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/30/23 12:57	04/01/23 00:19	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/30/23 12:57	04/01/23 00:19	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	03/30/23 12:57	04/01/23 00:19	1
1,4-Difluorobenzene (Surr)	101		70 - 130	03/30/23 12:57	04/01/23 00:19	1

Lab Sample ID: LCS 880-49940/1-A
Matrix: Solid
Analysis Batch: 50015

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 49940

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09687		mg/Kg		96	70 - 130
Toluene	0.101	0.09476		mg/Kg		94	70 - 130
Ethylbenzene	0.100	0.08711		mg/Kg		87	70 - 130
m-Xylene & p-Xylene	0.201	0.1728		mg/Kg		86	70 - 130
o-Xylene	0.101	0.08770		mg/Kg		87	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-49940/1-A
Matrix: Solid
Analysis Batch: 50015

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 49940

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: LCSD 880-49940/2-A
Matrix: Solid
Analysis Batch: 50015

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 49940

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1056		mg/Kg		105	70 - 130	9	35
Toluene			0.101	0.1031		mg/Kg		103	70 - 130	8	35
Ethylbenzene			0.100	0.09544		mg/Kg		95	70 - 130	9	35
m-Xylene & p-Xylene			0.201	0.1882		mg/Kg		94	70 - 130	9	35
o-Xylene			0.101	0.09492		mg/Kg		94	70 - 130	8	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 890-4387-A-1-D MS
Matrix: Solid
Analysis Batch: 50015

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 49940

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.09185		mg/Kg		92	70 - 130		
Toluene	<0.00200	U	0.100	0.09036		mg/Kg		90	70 - 130		
Ethylbenzene	<0.00200	U	0.100	0.08249		mg/Kg		82	70 - 130		
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1619		mg/Kg		81	70 - 130		
o-Xylene	<0.00200	U	0.100	0.08284		mg/Kg		83	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: 890-4387-A-1-E MSD
Matrix: Solid
Analysis Batch: 50015

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 49940

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.101	0.09059		mg/Kg		90	70 - 130	1	35
Toluene	<0.00200	U	0.101	0.08686		mg/Kg		86	70 - 130	4	35
Ethylbenzene	<0.00200	U	0.101	0.07991		mg/Kg		79	70 - 130	3	35
m-Xylene & p-Xylene	<0.00399	U	0.202	0.1553		mg/Kg		77	70 - 130	4	35
o-Xylene	<0.00200	U	0.101	0.07923		mg/Kg		79	70 - 130	4	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-50015/8
Matrix: Solid
Analysis Batch: 50015

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg			03/31/23 12:43	1
Toluene	<0.00200	U	0.00200		mg/Kg			03/31/23 12:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg			03/31/23 12:43	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg			03/31/23 12:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg			03/31/23 12:43	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg			03/31/23 12:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*		*03/31/23 12:43*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*		*03/31/23 12:43*	*1*

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-49333/1-A
Matrix: Solid
Analysis Batch: 49279

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 49333

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/23/23 14:16	03/23/23 20:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/23/23 14:16	03/23/23 20:11	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/23/23 14:16	03/23/23 20:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*03/23/23 14:16*	*03/23/23 20:11*	*1*
o-Terphenyl	*92*		*70 - 130*	*03/23/23 14:16*	*03/23/23 20:11*	*1*

Lab Sample ID: LCS 880-49333/2-A
Matrix: Solid
Analysis Batch: 49279

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 49333

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	847.0		mg/Kg		85	70 - 130
Diesel Range Organics (Over C10-C28)	1000	845.5		mg/Kg		85	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*85*		*70 - 130*
o-Terphenyl	*74*		*70 - 130*

Lab Sample ID: LCSD 880-49333/3-A
Matrix: Solid
Analysis Batch: 49279

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 49333

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	848.8		mg/Kg		85	70 - 130	0	20

QC Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-49333/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 49279 — **Prep Batch: 49333**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics (Over C10-C28)			1000	869.8		mg/Kg		87	70 - 130	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*87*		*70 - 130*
o-Terphenyl	*80*		*70 - 130*

Lab Sample ID: 880-26282-1 MS — **Client Sample ID: T-1 (0-1)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 49279 — **Prep Batch: 49333**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	75.5	F1 F2	998	756.7	F1	mg/Kg		68	70 - 130
Diesel Range Organics (Over C10-C28)	3320	F1	998	3103	F1	mg/Kg		-22	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*105*		*70 - 130*
o-Terphenyl	*93*		*70 - 130*

Lab Sample ID: 880-26282-1 MSD — **Client Sample ID: T-1 (0-1)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 49279 — **Prep Batch: 49333**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	75.5	F1 F2	999	1268	F2	mg/Kg		119	70 - 130	51	20
Diesel Range Organics (Over C10-C28)	3320	F1	999	3101	F1	mg/Kg		-22	70 - 130	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*105*		*70 - 130*
o-Terphenyl	*92*		*70 - 130*

Lab Sample ID: MB 880-49335/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 49358 — **Prep Batch: 49335**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/23/23 14:53	03/24/23 09:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/23/23 14:53	03/24/23 09:03	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/23/23 14:53	03/24/23 09:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*118*		*70 - 130*	*03/23/23 14:53*	*03/24/23 09:03*	*1*
o-Terphenyl	*121*		*70 - 130*	*03/23/23 14:53*	*03/24/23 09:03*	*1*

QC Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-49335/2-A
Matrix: Solid
Analysis Batch: 49358

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 49335

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	902.7		mg/Kg		90	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1035		mg/Kg		103	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*87*		*70 - 130*
o-Terphenyl	*92*		*70 - 130*

Lab Sample ID: LCSD 880-49335/3-A
Matrix: Solid
Analysis Batch: 49358

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 49335

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	911.5		mg/Kg		91	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	1047		mg/Kg		105	70 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*94*		*70 - 130*
o-Terphenyl	*99*		*70 - 130*

Lab Sample ID: 880-26282-21 MS
Matrix: Solid
Analysis Batch: 49358

Client Sample ID: T-6 (1.5)
Prep Type: Total/NA
Prep Batch: 49335

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1047		mg/Kg		102	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	998	963.0		mg/Kg		96	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*106*		*70 - 130*
o-Terphenyl	*95*		*70 - 130*

Lab Sample ID: 880-26282-21 MSD
Matrix: Solid
Analysis Batch: 49358

Client Sample ID: T-6 (1.5)
Prep Type: Total/NA
Prep Batch: 49335

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	951.7		mg/Kg		92	70 - 130	10	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	963.8		mg/Kg		96	70 - 130	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*91*		*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-26282-21 MSD
Matrix: Solid
Analysis Batch: 49358

Client Sample ID: T-6 (1.5)
Prep Type: Total/NA
Prep Batch: 49335

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl	96		70 - 130

Lab Sample ID: MB 880-49372/1-A
Matrix: Solid
Analysis Batch: 49360

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 49372

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/24/23 08:51	03/24/23 20:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/24/23 08:51	03/24/23 20:44	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/24/23 08:51	03/24/23 20:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	03/24/23 08:51	03/24/23 20:44	1
o-Terphenyl	116		70 - 130	03/24/23 08:51	03/24/23 20:44	1

Lab Sample ID: LCS 880-49372/2-A
Matrix: Solid
Analysis Batch: 49360

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 49372

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1698	*+	mg/Kg		170	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	2375	*+	mg/Kg		238	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	104		70 - 130
o-Terphenyl	99		70 - 130

Lab Sample ID: LCSD 880-49372/3-A
Matrix: Solid
Analysis Batch: 49360

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 49372

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1057	*1	mg/Kg		106	70 - 130	47	20
Diesel Range Organics (Over C10-C28)			1000	1018	*1	mg/Kg		102	70 - 130	80	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	125		70 - 130
o-Terphenyl	146	S1+	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-26282-42 MS — **Client Sample ID: T-12 (1.5)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 49360 — **Prep Batch: 49372**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1 *+	997	977.0		mg/Kg		95	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U *1 *+	997	1041		mg/Kg		100	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*109*		*70 - 130*
o-Terphenyl	*101*		*70 - 130*

Lab Sample ID: 880-26282-42 MSD — **Client Sample ID: T-12 (1.5)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 49360 — **Prep Batch: 49372**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1 *+	999	894.2		mg/Kg		86	70 - 130	9	20
Diesel Range Organics (Over C10-C28)	<50.0	U *1 *+	999	944.6		mg/Kg		90	70 - 130	10	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*98*		*70 - 130*
o-Terphenyl	*91*		*70 - 130*

Lab Sample ID: MB 880-49451/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 49473 — **Prep Batch: 49451**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/24/23 14:26	03/25/23 20:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/24/23 14:26	03/25/23 20:34	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/24/23 14:26	03/25/23 20:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*115*		*70 - 130*	*03/24/23 14:26*	*03/25/23 20:34*	*1*
o-Terphenyl	*118*		*70 - 130*	*03/24/23 14:26*	*03/25/23 20:34*	*1*

Lab Sample ID: LCS 880-49451/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 49473 — **Prep Batch: 49451**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	942.9		mg/Kg		94	70 - 130
Diesel Range Organics (Over C10-C28)	1000	921.2		mg/Kg		92	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-49451/2-A
Matrix: Solid
Analysis Batch: 49473

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 49451

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	91		70 - 130
o-Terphenyl	95		70 - 130

Lab Sample ID: LCSD 880-49451/3-A
Matrix: Solid
Analysis Batch: 49473

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 49451

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	926.0		mg/Kg		93	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	906.7		mg/Kg		91	70 - 130	2	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	83		70 - 130
o-Terphenyl	95		70 - 130

Lab Sample ID: 880-26282-61 MS
Matrix: Solid
Analysis Batch: 49473

Client Sample ID: T-15 (5)
Prep Type: Total/NA
Prep Batch: 49451

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F2	998	869.6		mg/Kg		84	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	998	892.5		mg/Kg		89	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	94		70 - 130
o-Terphenyl	93		70 - 130

Lab Sample ID: 880-26282-61 MSD
Matrix: Solid
Analysis Batch: 49473

Client Sample ID: T-15 (5)
Prep Type: Total/NA
Prep Batch: 49451

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F2	999	1152	F2	mg/Kg		113	70 - 130	28	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1001		mg/Kg		100	70 - 130	11	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	125		70 - 130
o-Terphenyl	104		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-49453/1-A
Matrix: Solid
Analysis Batch: 49513

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 49453

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/24/23 14:47	03/26/23 20:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/24/23 14:47	03/26/23 20:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/24/23 14:47	03/26/23 20:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*118*		*70 - 130*	*03/24/23 14:47*	*03/26/23 20:41*	*1*
o-Terphenyl	*115*		*70 - 130*	*03/24/23 14:47*	*03/26/23 20:41*	*1*

Lab Sample ID: LCS 880-49453/2-A
Matrix: Solid
Analysis Batch: 49513

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 49453

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	904.9		mg/Kg		90	70 - 130
Diesel Range Organics (Over C10-C28)	1000	919.9		mg/Kg		92	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*95*		*70 - 130*
o-Terphenyl	*85*		*70 - 130*

Lab Sample ID: LCSD 880-49453/3-A
Matrix: Solid
Analysis Batch: 49513

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 49453

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	876.6		mg/Kg		88	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	889.5		mg/Kg		89	70 - 130	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*91*		*70 - 130*
o-Terphenyl	*83*		*70 - 130*

Lab Sample ID: 880-26282-81 MS
Matrix: Solid
Analysis Batch: 49513

Client Sample ID: T-19 (4)
Prep Type: Total/NA
Prep Batch: 49453

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1024		mg/Kg		103	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	998	731.2		mg/Kg		71	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-26282-81 MS
Matrix: Solid
Analysis Batch: 49513

Client Sample ID: T-19 (4)
Prep Type: Total/NA
Prep Batch: 49453

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	112		70 - 130
o-Terphenyl	93		70 - 130

Lab Sample ID: 880-26282-81 MSD
Matrix: Solid
Analysis Batch: 49513

Client Sample ID: T-19 (4)
Prep Type: Total/NA
Prep Batch: 49453

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1069		mg/Kg		107	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	770.0		mg/Kg		74	70 - 130	5	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	117		70 - 130
o-Terphenyl	98		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-49606/1-A
Matrix: Solid
Analysis Batch: 49681

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			03/27/23 18:13	1

Lab Sample ID: LCS 880-49606/2-A
Matrix: Solid
Analysis Batch: 49681

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	265.8		mg/Kg		106	90 - 110

Lab Sample ID: LCSD 880-49606/3-A
Matrix: Solid
Analysis Batch: 49681

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	264.6		mg/Kg		106	90 - 110	0	20

Lab Sample ID: 880-26282-1 MS
Matrix: Solid
Analysis Batch: 49681

Client Sample ID: T-1 (0-1)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	8470		2520	11110		mg/Kg		104	90 - 110

QC Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-26282-1 MSD — **Client Sample ID: T-1 (0-1)**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 49681

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	8470		2520	11120		mg/Kg		105	90 - 110	0	20

Lab Sample ID: 880-26282-11 MS — **Client Sample ID: T-3 (2)**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 49681

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	47.6	F1	251	364.1	F1	mg/Kg		126	90 - 110

Lab Sample ID: 880-26282-11 MSD — **Client Sample ID: T-3 (2)**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 49681

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	47.6	F1	251	363.6	F1	mg/Kg		126	90 - 110	0	20

Lab Sample ID: MB 880-49608/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 49682

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			03/28/23 00:50	1

Lab Sample ID: LCS 880-49608/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 49682

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	267.6		mg/Kg		107	90 - 110

Lab Sample ID: LCSD 880-49608/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 49682

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	267.9		mg/Kg		107	90 - 110	0	20

Lab Sample ID: 880-26282-21 MS — **Client Sample ID: T-6 (1.5)**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 49682

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	133		252	402.7		mg/Kg		107	90 - 110

Lab Sample ID: 880-26282-21 MSD — **Client Sample ID: T-6 (1.5)**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 49682

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	133		252	403.4		mg/Kg		107	90 - 110	0	20

QC Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-26282-31 MS
Matrix: Solid
Analysis Batch: 49682

Client Sample ID: T-9 (2)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	112	F1	251	410.3	F1	mg/Kg		119	90 - 110

Lab Sample ID: 880-26282-31 MSD
Matrix: Solid
Analysis Batch: 49682

Client Sample ID: T-9 (2)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	112	F1	251	409.8	F1	mg/Kg		119	90 - 110	0	20

Lab Sample ID: MB 880-49609/1-A
Matrix: Solid
Analysis Batch: 49756

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			03/28/23 03:39	1

Lab Sample ID: LCS 880-49609/2-A
Matrix: Solid
Analysis Batch: 49756

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	274.8		mg/Kg		110	90 - 110

Lab Sample ID: LCSD 880-49609/3-A
Matrix: Solid
Analysis Batch: 49756

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	272.4		mg/Kg		109	90 - 110	1	20

Lab Sample ID: 880-26282-41 MS
Matrix: Solid
Analysis Batch: 49756

Client Sample ID: T-12 (0-1)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10300	F1	5010	14110	F1	mg/Kg		77	90 - 110

Lab Sample ID: 880-26282-41 MSD
Matrix: Solid
Analysis Batch: 49756

Client Sample ID: T-12 (0-1)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10300	F1	5010	14090	F1	mg/Kg		76	90 - 110	0	20

Lab Sample ID: 880-26282-51 MS
Matrix: Solid
Analysis Batch: 49756

Client Sample ID: T-14 (2)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	597		250	850.2		mg/Kg		101	90 - 110

QC Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-26282-51 MSD — **Client Sample ID: T-14 (2)**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 49756

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	597		250	850.1		mg/Kg		101	90 - 110	0	20

Lab Sample ID: MB 880-49612/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 49760

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			03/28/23 01:58	1

Lab Sample ID: LCS 880-49612/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 49760

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	258.7		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-49612/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 49760

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	253.7		mg/Kg		101	90 - 110	2	20

Lab Sample ID: 880-26282-81 MS — **Client Sample ID: T-19 (4)**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 49760

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	414		248	650.6		mg/Kg		95	90 - 110

Lab Sample ID: 880-26282-81 MSD — **Client Sample ID: T-19 (4)**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 49760

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	414		248	643.7		mg/Kg		93	90 - 110	1	20

Lab Sample ID: MB 880-49611/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 49763

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			03/28/23 06:29	1

Lab Sample ID: LCS 880-49611/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 49763

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	272.3		mg/Kg		109	90 - 110

QC Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-49611/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 49763

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	272.9		mg/Kg		109	90 - 110	0	20

Lab Sample ID: 880-26282-61 MS — **Client Sample ID: T-15 (5)**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 49763

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	905		251	1149		mg/Kg		97	90 - 110

Lab Sample ID: 880-26282-61 MSD — **Client Sample ID: T-15 (5)**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 49763

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	905		251	1151		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 880-26282-71 MS — **Client Sample ID: T-17 (5)**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 49763

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	535		252	784.0		mg/Kg		99	90 - 110

Lab Sample ID: 880-26282-71 MSD — **Client Sample ID: T-17 (5)**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 49763

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	535		252	783.7		mg/Kg		99	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

GC VOA

Prep Batch: 49585

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-49585/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 49660

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26282-1	T-1 (0-1)	Total/NA	Solid	5035	
880-26282-2	T-1 (1.5)	Total/NA	Solid	5035	
880-26282-3	T-1 (2)	Total/NA	Solid	5035	
880-26282-4	T-2 (0-1)	Total/NA	Solid	5035	
880-26282-5	T-2 (1.5)	Total/NA	Solid	5035	
880-26282-6	T-2 (2)	Total/NA	Solid	5035	
880-26282-7	T-2 (3)	Total/NA	Solid	5035	
880-26282-8	T-2 (4)	Total/NA	Solid	5035	
880-26282-9	T-3 (0-1)	Total/NA	Solid	5035	
880-26282-10	T-3 (1.5)	Total/NA	Solid	5035	
880-26282-11	T-3 (2)	Total/NA	Solid	5035	
880-26282-12	T-4 (0-1)	Total/NA	Solid	5035	
880-26282-13	T-4 (1.5)	Total/NA	Solid	5035	
880-26282-14	T-4 (2)	Total/NA	Solid	5035	
880-26282-15	T-5 (0-1)	Total/NA	Solid	5035	
880-26282-16	T-5 (1.5)	Total/NA	Solid	5035	
880-26282-17	T-5 (2)	Total/NA	Solid	5035	
880-26282-18	T-5 (3)	Total/NA	Solid	5035	
880-26282-19	T-5 (4)	Total/NA	Solid	5035	
880-26282-20	T-6 (0-1)	Total/NA	Solid	5035	
MB 880-49660/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-49660/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-49660/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-26282-1 MS	T-1 (0-1)	Total/NA	Solid	5035	
880-26282-1 MSD	T-1 (0-1)	Total/NA	Solid	5035	

Prep Batch: 49665

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26282-21	T-6 (1.5)	Total/NA	Solid	5035	
880-26282-22	T-6 (2)	Total/NA	Solid	5035	
880-26282-23	T-7 (0-1)	Total/NA	Solid	5035	
880-26282-24	T-7 (1.5)	Total/NA	Solid	5035	
880-26282-25	T-7 (2)	Total/NA	Solid	5035	
880-26282-26	T-8 (0-1)	Total/NA	Solid	5035	
880-26282-27	T-8 (1.5)	Total/NA	Solid	5035	
880-26282-28	T-8 (2)	Total/NA	Solid	5035	
880-26282-29	T-9 (0-1)	Total/NA	Solid	5035	
880-26282-30	T-9 (1.5)	Total/NA	Solid	5035	
880-26282-31	T-9 (2)	Total/NA	Solid	5035	
880-26282-32	T-9 (3)	Total/NA	Solid	5035	
880-26282-33	T-10 (0-1)	Total/NA	Solid	5035	
880-26282-34	T-10 (1.5)	Total/NA	Solid	5035	
880-26282-35	T-10 (2)	Total/NA	Solid	5035	
880-26282-36	T-10 (3)	Total/NA	Solid	5035	
880-26282-37	T-11 (0-1)	Total/NA	Solid	5035	
880-26282-38	T-11 (1,5)	Total/NA	Solid	5035	
880-26282-39	T-11 (2)	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Prep Batch: 49665 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26282-40	T-11 (3)	Total/NA	Solid	5035	
MB 880-49665/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-49665/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-49665/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-26282-21 MS	T-6 (1.5)	Total/NA	Solid	5035	
880-26282-21 MSD	T-6 (1.5)	Total/NA	Solid	5035	

Prep Batch: 49666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26282-41	T-12 (0-1)	Total/NA	Solid	5035	
880-26282-42	T-12 (1.5)	Total/NA	Solid	5035	
880-26282-43	T-12 (2)	Total/NA	Solid	5035	
880-26282-44	T-12 (3)	Total/NA	Solid	5035	
880-26282-45	T-13 (0-1)	Total/NA	Solid	5035	
880-26282-46	T-13 (1.5)	Total/NA	Solid	5035	
880-26282-47	T-13 (2)	Total/NA	Solid	5035	
880-26282-48	T-13 (3)	Total/NA	Solid	5035	
880-26282-49	T-14 (0-1)	Total/NA	Solid	5035	
880-26282-50	T-14 (1.5)	Total/NA	Solid	5035	
880-26282-51	T-14 (2)	Total/NA	Solid	5035	
880-26282-52	T-14 (3)	Total/NA	Solid	5035	
880-26282-53	T-14 (4)	Total/NA	Solid	5035	
880-26282-54	T-14 (5)	Total/NA	Solid	5035	
880-26282-55	T-14 (6)	Total/NA	Solid	5035	
880-26282-56	T-15 (0-1)	Total/NA	Solid	5035	
880-26282-57	T-15 (1.5)	Total/NA	Solid	5035	
880-26282-58	T-15 (2)	Total/NA	Solid	5035	
880-26282-59	T-15 (3)	Total/NA	Solid	5035	
880-26282-60	T-15 (4)	Total/NA	Solid	5035	
MB 880-49666/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-49666/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-49666/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-26282-41 MS	T-12 (0-1)	Total/NA	Solid	5035	
880-26282-41 MSD	T-12 (0-1)	Total/NA	Solid	5035	

Prep Batch: 49667

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26282-61	T-15 (5)	Total/NA	Solid	5035	
880-26282-62	T-16 (0-1)	Total/NA	Solid	5035	
880-26282-63	T-16 (1,5)	Total/NA	Solid	5035	
880-26282-64	T-16 (2)	Total/NA	Solid	5035	
880-26282-65	T-16 (3)	Total/NA	Solid	5035	
880-26282-66	T-17 (0-1)	Total/NA	Solid	5035	
880-26282-67	T-17 (1.5)	Total/NA	Solid	5035	
880-26282-68	T-17 (2)	Total/NA	Solid	5035	
880-26282-69	T-17 (3)	Total/NA	Solid	5035	
880-26282-70	T-17 (4)	Total/NA	Solid	5035	
880-26282-71	T-17 (5)	Total/NA	Solid	5035	
880-26282-72	T-18 (0-1)	Total/NA	Solid	5035	
880-26282-73	T-18 (1.5)	Total/NA	Solid	5035	
880-26282-74	T-18 (2)	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Prep Batch: 49667 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26282-75	T-18 (3)	Total/NA	Solid	5035	
880-26282-76	T-18 (4)	Total/NA	Solid	5035	
880-26282-77	T-19 (0-1)	Total/NA	Solid	5035	
880-26282-78	T-19 (1.5)	Total/NA	Solid	5035	
880-26282-79	T-19 (2)	Total/NA	Solid	5035	
MB 880-49667/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-49667/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-49667/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-26282-61 MS	T-15 (5)	Total/NA	Solid	5035	
880-26282-61 MSD	T-15 (5)	Total/NA	Solid	5035	

Prep Batch: 49668

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26282-81	T-19 (4)	Total/NA	Solid	5035	
880-26282-82	T-19 (5)	Total/NA	Solid	5035	
880-26282-83	T-20 (0-1)	Total/NA	Solid	5035	
880-26282-84	T-20 (1.5)	Total/NA	Solid	5035	
880-26282-85	T-20 (2)	Total/NA	Solid	5035	
880-26282-86	T-20 (3)	Total/NA	Solid	5035	
880-26282-87	T-21 (0-1)	Total/NA	Solid	5035	
880-26282-88	T-21 (1.5)	Total/NA	Solid	5035	
880-26282-89	T-21 (2)	Total/NA	Solid	5035	
880-26282-90	T-21 (3)	Total/NA	Solid	5035	
MB 880-49668/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-49668/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-49668/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-26282-81 MS	T-19 (4)	Total/NA	Solid	5035	
880-26282-81 MSD	T-19 (4)	Total/NA	Solid	5035	

Prep Batch: 49806

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-49806/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 49870

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26282-1	T-1 (0-1)	Total/NA	Solid	8021B	49660
880-26282-2	T-1 (1.5)	Total/NA	Solid	8021B	49660
880-26282-3	T-1 (2)	Total/NA	Solid	8021B	49660
880-26282-4	T-2 (0-1)	Total/NA	Solid	8021B	49660
880-26282-5	T-2 (1.5)	Total/NA	Solid	8021B	49660
880-26282-6	T-2 (2)	Total/NA	Solid	8021B	49660
880-26282-7	T-2 (3)	Total/NA	Solid	8021B	49660
880-26282-8	T-2 (4)	Total/NA	Solid	8021B	49660
880-26282-9	T-3 (0-1)	Total/NA	Solid	8021B	49660
880-26282-10	T-3 (1.5)	Total/NA	Solid	8021B	49660
880-26282-11	T-3 (2)	Total/NA	Solid	8021B	49660
880-26282-12	T-4 (0-1)	Total/NA	Solid	8021B	49660
880-26282-13	T-4 (1.5)	Total/NA	Solid	8021B	49660
880-26282-14	T-4 (2)	Total/NA	Solid	8021B	49660
880-26282-15	T-5 (0-1)	Total/NA	Solid	8021B	49660
880-26282-16	T-5 (1.5)	Total/NA	Solid	8021B	49660

QC Association Summary

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 49870 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26282-17	T-5 (2)	Total/NA	Solid	8021B	49660
880-26282-18	T-5 (3)	Total/NA	Solid	8021B	49660
880-26282-19	T-5 (4)	Total/NA	Solid	8021B	49660
880-26282-20	T-6 (0-1)	Total/NA	Solid	8021B	49660
MB 880-49660/5-A	Method Blank	Total/NA	Solid	8021B	49660
LCS 880-49660/1-A	Lab Control Sample	Total/NA	Solid	8021B	49660
LCSD 880-49660/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	49660
880-26282-1 MS	T-1 (0-1)	Total/NA	Solid	8021B	49660
880-26282-1 MSD	T-1 (0-1)	Total/NA	Solid	8021B	49660

Analysis Batch: 49916

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26282-21	T-6 (1.5)	Total/NA	Solid	8021B	49665
880-26282-22	T-6 (2)	Total/NA	Solid	8021B	49665
880-26282-23	T-7 (0-1)	Total/NA	Solid	8021B	49665
880-26282-24	T-7 (1.5)	Total/NA	Solid	8021B	49665
880-26282-25	T-7 (2)	Total/NA	Solid	8021B	49665
880-26282-26	T-8 (0-1)	Total/NA	Solid	8021B	49665
880-26282-27	T-8 (1.5)	Total/NA	Solid	8021B	49665
880-26282-28	T-8 (2)	Total/NA	Solid	8021B	49665
880-26282-29	T-9 (0-1)	Total/NA	Solid	8021B	49665
880-26282-30	T-9 (1.5)	Total/NA	Solid	8021B	49665
880-26282-31	T-9 (2)	Total/NA	Solid	8021B	49665
880-26282-32	T-9 (3)	Total/NA	Solid	8021B	49665
880-26282-33	T-10 (0-1)	Total/NA	Solid	8021B	49665
880-26282-34	T-10 (1.5)	Total/NA	Solid	8021B	49665
880-26282-35	T-10 (2)	Total/NA	Solid	8021B	49665
880-26282-36	T-10 (3)	Total/NA	Solid	8021B	49665
880-26282-37	T-11 (0-1)	Total/NA	Solid	8021B	49665
880-26282-38	T-11 (1,5)	Total/NA	Solid	8021B	49665
880-26282-39	T-11 (2)	Total/NA	Solid	8021B	49665
880-26282-40	T-11 (3)	Total/NA	Solid	8021B	49665
MB 880-49665/5-A	Method Blank	Total/NA	Solid	8021B	49665
MB 880-49806/5-A	Method Blank	Total/NA	Solid	8021B	49806
LCS 880-49665/1-A	Lab Control Sample	Total/NA	Solid	8021B	49665
LCSD 880-49665/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	49665
880-26282-21 MS	T-6 (1.5)	Total/NA	Solid	8021B	49665
880-26282-21 MSD	T-6 (1.5)	Total/NA	Solid	8021B	49665

Analysis Batch: 49917

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26282-41	T-12 (0-1)	Total/NA	Solid	8021B	49666
880-26282-42	T-12 (1.5)	Total/NA	Solid	8021B	49666
880-26282-43	T-12 (2)	Total/NA	Solid	8021B	49666
880-26282-44	T-12 (3)	Total/NA	Solid	8021B	49666
880-26282-45	T-13 (0-1)	Total/NA	Solid	8021B	49666
880-26282-46	T-13 (1.5)	Total/NA	Solid	8021B	49666
880-26282-47	T-13 (2)	Total/NA	Solid	8021B	49666
880-26282-48	T-13 (3)	Total/NA	Solid	8021B	49666
880-26282-49	T-14 (0-1)	Total/NA	Solid	8021B	49666
880-26282-50	T-14 (1.5)	Total/NA	Solid	8021B	49666

QC Association Summary

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 49917 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26282-51	T-14 (2)	Total/NA	Solid	8021B	49666
880-26282-52	T-14 (3)	Total/NA	Solid	8021B	49666
880-26282-53	T-14 (4)	Total/NA	Solid	8021B	49666
880-26282-54	T-14 (5)	Total/NA	Solid	8021B	49666
880-26282-55	T-14 (6)	Total/NA	Solid	8021B	49666
880-26282-56	T-15 (0-1)	Total/NA	Solid	8021B	49666
880-26282-57	T-15 (1.5)	Total/NA	Solid	8021B	49666
880-26282-58	T-15 (2)	Total/NA	Solid	8021B	49666
880-26282-59	T-15 (3)	Total/NA	Solid	8021B	49666
880-26282-60	T-15 (4)	Total/NA	Solid	8021B	49666
MB 880-49585/5-A	Method Blank	Total/NA	Solid	8021B	49585
MB 880-49666/5-A	Method Blank	Total/NA	Solid	8021B	49666
LCS 880-49666/1-A	Lab Control Sample	Total/NA	Solid	8021B	49666
LCSD 880-49666/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	49666
880-26282-41 MS	T-12 (0-1)	Total/NA	Solid	8021B	49666
880-26282-41 MSD	T-12 (0-1)	Total/NA	Solid	8021B	49666

Analysis Batch: 49921

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26282-61	T-15 (5)	Total/NA	Solid	8021B	49667
880-26282-62	T-16 (0-1)	Total/NA	Solid	8021B	49667
880-26282-63	T-16 (1,5)	Total/NA	Solid	8021B	49667
880-26282-64	T-16 (2)	Total/NA	Solid	8021B	49667
880-26282-65	T-16 (3)	Total/NA	Solid	8021B	49667
880-26282-66	T-17 (0-1)	Total/NA	Solid	8021B	49667
880-26282-67	T-17 (1.5)	Total/NA	Solid	8021B	49667
880-26282-68	T-17 (2)	Total/NA	Solid	8021B	49667
880-26282-69	T-17 (3)	Total/NA	Solid	8021B	49667
880-26282-70	T-17 (4)	Total/NA	Solid	8021B	49667
880-26282-71	T-17 (5)	Total/NA	Solid	8021B	49667
880-26282-72	T-18 (0-1)	Total/NA	Solid	8021B	49667
880-26282-73	T-18 (1.5)	Total/NA	Solid	8021B	49667
880-26282-74	T-18 (2)	Total/NA	Solid	8021B	49667
880-26282-75	T-18 (3)	Total/NA	Solid	8021B	49667
880-26282-76	T-18 (4)	Total/NA	Solid	8021B	49667
880-26282-77	T-19 (0-1)	Total/NA	Solid	8021B	49667
880-26282-78	T-19 (1.5)	Total/NA	Solid	8021B	49667
880-26282-79	T-19 (2)	Total/NA	Solid	8021B	49667
880-26282-81	T-19 (4)	Total/NA	Solid	8021B	49668
880-26282-82	T-19 (5)	Total/NA	Solid	8021B	49668
880-26282-83	T-20 (0-1)	Total/NA	Solid	8021B	49668
880-26282-84	T-20 (1.5)	Total/NA	Solid	8021B	49668
880-26282-85	T-20 (2)	Total/NA	Solid	8021B	49668
880-26282-86	T-20 (3)	Total/NA	Solid	8021B	49668
880-26282-87	T-21 (0-1)	Total/NA	Solid	8021B	49668
880-26282-88	T-21 (1.5)	Total/NA	Solid	8021B	49668
880-26282-89	T-21 (2)	Total/NA	Solid	8021B	49668
880-26282-90	T-21 (3)	Total/NA	Solid	8021B	49668
MB 880-49667/5-A	Method Blank	Total/NA	Solid	8021B	49667
MB 880-49668/5-A	Method Blank	Total/NA	Solid	8021B	49668
LCS 880-49667/1-A	Lab Control Sample	Total/NA	Solid	8021B	49667

QC Association Summary

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 49921 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-49668/1-A	Lab Control Sample	Total/NA	Solid	8021B	49668
LCSD 880-49667/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	49667
LCSD 880-49668/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	49668
880-26282-61 MS	T-15 (5)	Total/NA	Solid	8021B	49667
880-26282-61 MSD	T-15 (5)	Total/NA	Solid	8021B	49667
880-26282-81 MS	T-19 (4)	Total/NA	Solid	8021B	49668
880-26282-81 MSD	T-19 (4)	Total/NA	Solid	8021B	49668

Prep Batch: 49940

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26282-80	T-19 (3)	Total/NA	Solid	5035	
MB 880-49940/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-49940/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-49940/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-4387-A-1-D MS	Matrix Spike	Total/NA	Solid	5035	
890-4387-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 49974

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26282-1	T-1 (0-1)	Total/NA	Solid	Total BTEX	
880-26282-2	T-1 (1.5)	Total/NA	Solid	Total BTEX	
880-26282-3	T-1 (2)	Total/NA	Solid	Total BTEX	
880-26282-4	T-2 (0-1)	Total/NA	Solid	Total BTEX	
880-26282-5	T-2 (1.5)	Total/NA	Solid	Total BTEX	
880-26282-6	T-2 (2)	Total/NA	Solid	Total BTEX	
880-26282-7	T-2 (3)	Total/NA	Solid	Total BTEX	
880-26282-8	T-2 (4)	Total/NA	Solid	Total BTEX	
880-26282-9	T-3 (0-1)	Total/NA	Solid	Total BTEX	
880-26282-10	T-3 (1.5)	Total/NA	Solid	Total BTEX	
880-26282-11	T-3 (2)	Total/NA	Solid	Total BTEX	
880-26282-12	T-4 (0-1)	Total/NA	Solid	Total BTEX	
880-26282-13	T-4 (1.5)	Total/NA	Solid	Total BTEX	
880-26282-14	T-4 (2)	Total/NA	Solid	Total BTEX	
880-26282-15	T-5 (0-1)	Total/NA	Solid	Total BTEX	
880-26282-16	T-5 (1.5)	Total/NA	Solid	Total BTEX	
880-26282-17	T-5 (2)	Total/NA	Solid	Total BTEX	
880-26282-18	T-5 (3)	Total/NA	Solid	Total BTEX	
880-26282-19	T-5 (4)	Total/NA	Solid	Total BTEX	
880-26282-20	T-6 (0-1)	Total/NA	Solid	Total BTEX	
880-26282-21	T-6 (1.5)	Total/NA	Solid	Total BTEX	
880-26282-22	T-6 (2)	Total/NA	Solid	Total BTEX	
880-26282-23	T-7 (0-1)	Total/NA	Solid	Total BTEX	
880-26282-24	T-7 (1.5)	Total/NA	Solid	Total BTEX	
880-26282-25	T-7 (2)	Total/NA	Solid	Total BTEX	
880-26282-26	T-8 (0-1)	Total/NA	Solid	Total BTEX	
880-26282-27	T-8 (1.5)	Total/NA	Solid	Total BTEX	
880-26282-28	T-8 (2)	Total/NA	Solid	Total BTEX	
880-26282-29	T-9 (0-1)	Total/NA	Solid	Total BTEX	
880-26282-30	T-9 (1.5)	Total/NA	Solid	Total BTEX	
880-26282-31	T-9 (2)	Total/NA	Solid	Total BTEX	
880-26282-32	T-9 (3)	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 49974 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26282-33	T-10 (0-1)	Total/NA	Solid	Total BTEX	
880-26282-34	T-10 (1.5)	Total/NA	Solid	Total BTEX	
880-26282-35	T-10 (2)	Total/NA	Solid	Total BTEX	
880-26282-36	T-10 (3)	Total/NA	Solid	Total BTEX	
880-26282-37	T-11 (0-1)	Total/NA	Solid	Total BTEX	
880-26282-38	T-11 (1,5)	Total/NA	Solid	Total BTEX	
880-26282-39	T-11 (2)	Total/NA	Solid	Total BTEX	
880-26282-40	T-11 (3)	Total/NA	Solid	Total BTEX	
880-26282-41	T-12 (0-1)	Total/NA	Solid	Total BTEX	
880-26282-42	T-12 (1.5)	Total/NA	Solid	Total BTEX	
880-26282-43	T-12 (2)	Total/NA	Solid	Total BTEX	
880-26282-44	T-12 (3)	Total/NA	Solid	Total BTEX	
880-26282-45	T-13 (0-1)	Total/NA	Solid	Total BTEX	
880-26282-46	T-13 (1.5)	Total/NA	Solid	Total BTEX	
880-26282-47	T-13 (2)	Total/NA	Solid	Total BTEX	
880-26282-48	T-13 (3)	Total/NA	Solid	Total BTEX	
880-26282-49	T-14 (0-1)	Total/NA	Solid	Total BTEX	
880-26282-50	T-14 (1.5)	Total/NA	Solid	Total BTEX	
880-26282-51	T-14 (2)	Total/NA	Solid	Total BTEX	
880-26282-52	T-14 (3)	Total/NA	Solid	Total BTEX	
880-26282-53	T-14 (4)	Total/NA	Solid	Total BTEX	
880-26282-54	T-14 (5)	Total/NA	Solid	Total BTEX	
880-26282-55	T-14 (6)	Total/NA	Solid	Total BTEX	
880-26282-56	T-15 (0-1)	Total/NA	Solid	Total BTEX	
880-26282-57	T-15 (1.5)	Total/NA	Solid	Total BTEX	
880-26282-58	T-15 (2)	Total/NA	Solid	Total BTEX	
880-26282-59	T-15 (3)	Total/NA	Solid	Total BTEX	
880-26282-60	T-15 (4)	Total/NA	Solid	Total BTEX	
880-26282-61	T-15 (5)	Total/NA	Solid	Total BTEX	
880-26282-62	T-16 (0-1)	Total/NA	Solid	Total BTEX	
880-26282-63	T-16 (1,5)	Total/NA	Solid	Total BTEX	
880-26282-64	T-16 (2)	Total/NA	Solid	Total BTEX	
880-26282-65	T-16 (3)	Total/NA	Solid	Total BTEX	
880-26282-66	T-17 (0-1)	Total/NA	Solid	Total BTEX	
880-26282-67	T-17 (1.5)	Total/NA	Solid	Total BTEX	
880-26282-68	T-17 (2)	Total/NA	Solid	Total BTEX	
880-26282-69	T-17 (3)	Total/NA	Solid	Total BTEX	
880-26282-70	T-17 (4)	Total/NA	Solid	Total BTEX	
880-26282-71	T-17 (5)	Total/NA	Solid	Total BTEX	
880-26282-72	T-18 (0-1)	Total/NA	Solid	Total BTEX	
880-26282-73	T-18 (1.5)	Total/NA	Solid	Total BTEX	
880-26282-74	T-18 (2)	Total/NA	Solid	Total BTEX	
880-26282-75	T-18 (3)	Total/NA	Solid	Total BTEX	
880-26282-76	T-18 (4)	Total/NA	Solid	Total BTEX	
880-26282-77	T-19 (0-1)	Total/NA	Solid	Total BTEX	
880-26282-78	T-19 (1.5)	Total/NA	Solid	Total BTEX	
880-26282-79	T-19 (2)	Total/NA	Solid	Total BTEX	
880-26282-80	T-19 (3)	Total/NA	Solid	Total BTEX	
880-26282-81	T-19 (4)	Total/NA	Solid	Total BTEX	
880-26282-82	T-19 (5)	Total/NA	Solid	Total BTEX	
880-26282-83	T-20 (0-1)	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 49974 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26282-84	T-20 (1.5)	Total/NA	Solid	Total BTEX	
880-26282-85	T-20 (2)	Total/NA	Solid	Total BTEX	
880-26282-86	T-20 (3)	Total/NA	Solid	Total BTEX	
880-26282-87	T-21 (0-1)	Total/NA	Solid	Total BTEX	
880-26282-88	T-21 (1.5)	Total/NA	Solid	Total BTEX	
880-26282-89	T-21 (2)	Total/NA	Solid	Total BTEX	
880-26282-90	T-21 (3)	Total/NA	Solid	Total BTEX	

Analysis Batch: 50015

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26282-80	T-19 (3)	Total/NA	Solid	8021B	49940
MB 880-49940/5-A	Method Blank	Total/NA	Solid	8021B	49940
MB 880-50015/8	Method Blank	Total/NA	Solid	8021B	
LCS 880-49940/1-A	Lab Control Sample	Total/NA	Solid	8021B	49940
LCSD 880-49940/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	49940
890-4387-A-1-D MS	Matrix Spike	Total/NA	Solid	8021B	49940
890-4387-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	49940

GC Semi VOA

Analysis Batch: 49279

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26282-1	T-1 (0-1)	Total/NA	Solid	8015B NM	49333
880-26282-2	T-1 (1.5)	Total/NA	Solid	8015B NM	49333
880-26282-3	T-1 (2)	Total/NA	Solid	8015B NM	49333
880-26282-4	T-2 (0-1)	Total/NA	Solid	8015B NM	49333
880-26282-5	T-2 (1.5)	Total/NA	Solid	8015B NM	49333
880-26282-6	T-2 (2)	Total/NA	Solid	8015B NM	49333
880-26282-7	T-2 (3)	Total/NA	Solid	8015B NM	49333
880-26282-8	T-2 (4)	Total/NA	Solid	8015B NM	49333
880-26282-9	T-3 (0-1)	Total/NA	Solid	8015B NM	49333
880-26282-10	T-3 (1.5)	Total/NA	Solid	8015B NM	49333
880-26282-11	T-3 (2)	Total/NA	Solid	8015B NM	49333
880-26282-12	T-4 (0-1)	Total/NA	Solid	8015B NM	49333
880-26282-13	T-4 (1.5)	Total/NA	Solid	8015B NM	49333
880-26282-14	T-4 (2)	Total/NA	Solid	8015B NM	49333
880-26282-15	T-5 (0-1)	Total/NA	Solid	8015B NM	49333
880-26282-16	T-5 (1.5)	Total/NA	Solid	8015B NM	49333
880-26282-17	T-5 (2)	Total/NA	Solid	8015B NM	49333
880-26282-18	T-5 (3)	Total/NA	Solid	8015B NM	49333
880-26282-19	T-5 (4)	Total/NA	Solid	8015B NM	49333
880-26282-20	T-6 (0-1)	Total/NA	Solid	8015B NM	49333
MB 880-49333/1-A	Method Blank	Total/NA	Solid	8015B NM	49333
LCS 880-49333/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	49333
LCSD 880-49333/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	49333
880-26282-1 MS	T-1 (0-1)	Total/NA	Solid	8015B NM	49333
880-26282-1 MSD	T-1 (0-1)	Total/NA	Solid	8015B NM	49333

Prep Batch: 49333

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26282-1	T-1 (0-1)	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 49333 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26282-2	T-1 (1.5)	Total/NA	Solid	8015NM Prep	
880-26282-3	T-1 (2)	Total/NA	Solid	8015NM Prep	
880-26282-4	T-2 (0-1)	Total/NA	Solid	8015NM Prep	
880-26282-5	T-2 (1.5)	Total/NA	Solid	8015NM Prep	
880-26282-6	T-2 (2)	Total/NA	Solid	8015NM Prep	
880-26282-7	T-2 (3)	Total/NA	Solid	8015NM Prep	
880-26282-8	T-2 (4)	Total/NA	Solid	8015NM Prep	
880-26282-9	T-3 (0-1)	Total/NA	Solid	8015NM Prep	
880-26282-10	T-3 (1.5)	Total/NA	Solid	8015NM Prep	
880-26282-11	T-3 (2)	Total/NA	Solid	8015NM Prep	
880-26282-12	T-4 (0-1)	Total/NA	Solid	8015NM Prep	
880-26282-13	T-4 (1.5)	Total/NA	Solid	8015NM Prep	
880-26282-14	T-4 (2)	Total/NA	Solid	8015NM Prep	
880-26282-15	T-5 (0-1)	Total/NA	Solid	8015NM Prep	
880-26282-16	T-5 (1.5)	Total/NA	Solid	8015NM Prep	
880-26282-17	T-5 (2)	Total/NA	Solid	8015NM Prep	
880-26282-18	T-5 (3)	Total/NA	Solid	8015NM Prep	
880-26282-19	T-5 (4)	Total/NA	Solid	8015NM Prep	
880-26282-20	T-6 (0-1)	Total/NA	Solid	8015NM Prep	
MB 880-49333/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-49333/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-49333/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-26282-1 MS	T-1 (0-1)	Total/NA	Solid	8015NM Prep	
880-26282-1 MSD	T-1 (0-1)	Total/NA	Solid	8015NM Prep	

Prep Batch: 49335

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26282-21	T-6 (1.5)	Total/NA	Solid	8015NM Prep	
880-26282-22	T-6 (2)	Total/NA	Solid	8015NM Prep	
880-26282-23	T-7 (0-1)	Total/NA	Solid	8015NM Prep	
880-26282-24	T-7 (1.5)	Total/NA	Solid	8015NM Prep	
880-26282-25	T-7 (2)	Total/NA	Solid	8015NM Prep	
880-26282-26	T-8 (0-1)	Total/NA	Solid	8015NM Prep	
880-26282-27	T-8 (1.5)	Total/NA	Solid	8015NM Prep	
880-26282-28	T-8 (2)	Total/NA	Solid	8015NM Prep	
880-26282-29	T-9 (0-1)	Total/NA	Solid	8015NM Prep	
880-26282-30	T-9 (1.5)	Total/NA	Solid	8015NM Prep	
880-26282-31	T-9 (2)	Total/NA	Solid	8015NM Prep	
880-26282-32	T-9 (3)	Total/NA	Solid	8015NM Prep	
880-26282-33	T-10 (0-1)	Total/NA	Solid	8015NM Prep	
880-26282-34	T-10 (1.5)	Total/NA	Solid	8015NM Prep	
880-26282-35	T-10 (2)	Total/NA	Solid	8015NM Prep	
880-26282-36	T-10 (3)	Total/NA	Solid	8015NM Prep	
880-26282-37	T-11 (0-1)	Total/NA	Solid	8015NM Prep	
880-26282-38	T-11 (1,5)	Total/NA	Solid	8015NM Prep	
880-26282-39	T-11 (2)	Total/NA	Solid	8015NM Prep	
880-26282-40	T-11 (3)	Total/NA	Solid	8015NM Prep	
MB 880-49335/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-49335/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-49335/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-26282-21 MS	T-6 (1.5)	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 49335 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26282-21 MSD	T-6 (1.5)	Total/NA	Solid	8015NM Prep	

Analysis Batch: 49358

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26282-21	T-6 (1.5)	Total/NA	Solid	8015B NM	49335
880-26282-22	T-6 (2)	Total/NA	Solid	8015B NM	49335
880-26282-23	T-7 (0-1)	Total/NA	Solid	8015B NM	49335
880-26282-24	T-7 (1.5)	Total/NA	Solid	8015B NM	49335
880-26282-25	T-7 (2)	Total/NA	Solid	8015B NM	49335
880-26282-26	T-8 (0-1)	Total/NA	Solid	8015B NM	49335
880-26282-27	T-8 (1.5)	Total/NA	Solid	8015B NM	49335
880-26282-28	T-8 (2)	Total/NA	Solid	8015B NM	49335
880-26282-29	T-9 (0-1)	Total/NA	Solid	8015B NM	49335
880-26282-30	T-9 (1.5)	Total/NA	Solid	8015B NM	49335
880-26282-31	T-9 (2)	Total/NA	Solid	8015B NM	49335
880-26282-32	T-9 (3)	Total/NA	Solid	8015B NM	49335
880-26282-33	T-10 (0-1)	Total/NA	Solid	8015B NM	49335
880-26282-34	T-10 (1.5)	Total/NA	Solid	8015B NM	49335
880-26282-35	T-10 (2)	Total/NA	Solid	8015B NM	49335
880-26282-36	T-10 (3)	Total/NA	Solid	8015B NM	49335
880-26282-37	T-11 (0-1)	Total/NA	Solid	8015B NM	49335
880-26282-38	T-11 (1,5)	Total/NA	Solid	8015B NM	49335
880-26282-39	T-11 (2)	Total/NA	Solid	8015B NM	49335
880-26282-40	T-11 (3)	Total/NA	Solid	8015B NM	49335
MB 880-49335/1-A	Method Blank	Total/NA	Solid	8015B NM	49335
LCS 880-49335/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	49335
LCSD 880-49335/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	49335
880-26282-21 MS	T-6 (1.5)	Total/NA	Solid	8015B NM	49335
880-26282-21 MSD	T-6 (1.5)	Total/NA	Solid	8015B NM	49335

Analysis Batch: 49360

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26282-41	T-12 (0-1)	Total/NA	Solid	8015B NM	49372
880-26282-42	T-12 (1.5)	Total/NA	Solid	8015B NM	49372
880-26282-43	T-12 (2)	Total/NA	Solid	8015B NM	49372
880-26282-44	T-12 (3)	Total/NA	Solid	8015B NM	49372
880-26282-45	T-13 (0-1)	Total/NA	Solid	8015B NM	49372
880-26282-46	T-13 (1.5)	Total/NA	Solid	8015B NM	49372
880-26282-47	T-13 (2)	Total/NA	Solid	8015B NM	49372
880-26282-48	T-13 (3)	Total/NA	Solid	8015B NM	49372
880-26282-49	T-14 (0-1)	Total/NA	Solid	8015B NM	49372
880-26282-50	T-14 (1.5)	Total/NA	Solid	8015B NM	49372
880-26282-51	T-14 (2)	Total/NA	Solid	8015B NM	49372
880-26282-52	T-14 (3)	Total/NA	Solid	8015B NM	49372
880-26282-53	T-14 (4)	Total/NA	Solid	8015B NM	49372
880-26282-54	T-14 (5)	Total/NA	Solid	8015B NM	49372
880-26282-55	T-14 (6)	Total/NA	Solid	8015B NM	49372
880-26282-56	T-15 (0-1)	Total/NA	Solid	8015B NM	49372
880-26282-57	T-15 (1.5)	Total/NA	Solid	8015B NM	49372
880-26282-58	T-15 (2)	Total/NA	Solid	8015B NM	49372
880-26282-59	T-15 (3)	Total/NA	Solid	8015B NM	49372

QC Association Summary

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 49360 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26282-60	T-15 (4)	Total/NA	Solid	8015B NM	49372
MB 880-49372/1-A	Method Blank	Total/NA	Solid	8015B NM	49372
LCS 880-49372/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	49372
LCSD 880-49372/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	49372
880-26282-42 MS	T-12 (1.5)	Total/NA	Solid	8015B NM	49372
880-26282-42 MSD	T-12 (1.5)	Total/NA	Solid	8015B NM	49372

Prep Batch: 49372

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26282-41	T-12 (0-1)	Total/NA	Solid	8015NM Prep	
880-26282-42	T-12 (1.5)	Total/NA	Solid	8015NM Prep	
880-26282-43	T-12 (2)	Total/NA	Solid	8015NM Prep	
880-26282-44	T-12 (3)	Total/NA	Solid	8015NM Prep	
880-26282-45	T-13 (0-1)	Total/NA	Solid	8015NM Prep	
880-26282-46	T-13 (1.5)	Total/NA	Solid	8015NM Prep	
880-26282-47	T-13 (2)	Total/NA	Solid	8015NM Prep	
880-26282-48	T-13 (3)	Total/NA	Solid	8015NM Prep	
880-26282-49	T-14 (0-1)	Total/NA	Solid	8015NM Prep	
880-26282-50	T-14 (1.5)	Total/NA	Solid	8015NM Prep	
880-26282-51	T-14 (2)	Total/NA	Solid	8015NM Prep	
880-26282-52	T-14 (3)	Total/NA	Solid	8015NM Prep	
880-26282-53	T-14 (4)	Total/NA	Solid	8015NM Prep	
880-26282-54	T-14 (5)	Total/NA	Solid	8015NM Prep	
880-26282-55	T-14 (6)	Total/NA	Solid	8015NM Prep	
880-26282-56	T-15 (0-1)	Total/NA	Solid	8015NM Prep	
880-26282-57	T-15 (1.5)	Total/NA	Solid	8015NM Prep	
880-26282-58	T-15 (2)	Total/NA	Solid	8015NM Prep	
880-26282-59	T-15 (3)	Total/NA	Solid	8015NM Prep	
880-26282-60	T-15 (4)	Total/NA	Solid	8015NM Prep	
MB 880-49372/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-49372/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-49372/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-26282-42 MS	T-12 (1.5)	Total/NA	Solid	8015NM Prep	
880-26282-42 MSD	T-12 (1.5)	Total/NA	Solid	8015NM Prep	

Analysis Batch: 49412

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26282-1	T-1 (0-1)	Total/NA	Solid	8015 NM	
880-26282-2	T-1 (1.5)	Total/NA	Solid	8015 NM	
880-26282-3	T-1 (2)	Total/NA	Solid	8015 NM	
880-26282-4	T-2 (0-1)	Total/NA	Solid	8015 NM	
880-26282-5	T-2 (1.5)	Total/NA	Solid	8015 NM	
880-26282-6	T-2 (2)	Total/NA	Solid	8015 NM	
880-26282-7	T-2 (3)	Total/NA	Solid	8015 NM	
880-26282-8	T-2 (4)	Total/NA	Solid	8015 NM	
880-26282-9	T-3 (0-1)	Total/NA	Solid	8015 NM	
880-26282-10	T-3 (1.5)	Total/NA	Solid	8015 NM	
880-26282-11	T-3 (2)	Total/NA	Solid	8015 NM	
880-26282-12	T-4 (0-1)	Total/NA	Solid	8015 NM	
880-26282-13	T-4 (1.5)	Total/NA	Solid	8015 NM	
880-26282-14	T-4 (2)	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 49412 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26282-15	T-5 (0-1)	Total/NA	Solid	8015 NM	
880-26282-16	T-5 (1.5)	Total/NA	Solid	8015 NM	
880-26282-17	T-5 (2)	Total/NA	Solid	8015 NM	
880-26282-18	T-5 (3)	Total/NA	Solid	8015 NM	
880-26282-19	T-5 (4)	Total/NA	Solid	8015 NM	
880-26282-20	T-6 (0-1)	Total/NA	Solid	8015 NM	
880-26282-21	T-6 (1.5)	Total/NA	Solid	8015 NM	
880-26282-22	T-6 (2)	Total/NA	Solid	8015 NM	
880-26282-23	T-7 (0-1)	Total/NA	Solid	8015 NM	
880-26282-24	T-7 (1.5)	Total/NA	Solid	8015 NM	
880-26282-25	T-7 (2)	Total/NA	Solid	8015 NM	
880-26282-26	T-8 (0-1)	Total/NA	Solid	8015 NM	
880-26282-27	T-8 (1.5)	Total/NA	Solid	8015 NM	
880-26282-28	T-8 (2)	Total/NA	Solid	8015 NM	
880-26282-29	T-9 (0-1)	Total/NA	Solid	8015 NM	
880-26282-30	T-9 (1.5)	Total/NA	Solid	8015 NM	
880-26282-31	T-9 (2)	Total/NA	Solid	8015 NM	
880-26282-32	T-9 (3)	Total/NA	Solid	8015 NM	
880-26282-33	T-10 (0-1)	Total/NA	Solid	8015 NM	
880-26282-34	T-10 (1.5)	Total/NA	Solid	8015 NM	
880-26282-35	T-10 (2)	Total/NA	Solid	8015 NM	
880-26282-36	T-10 (3)	Total/NA	Solid	8015 NM	
880-26282-37	T-11 (0-1)	Total/NA	Solid	8015 NM	
880-26282-38	T-11 (1,5)	Total/NA	Solid	8015 NM	
880-26282-39	T-11 (2)	Total/NA	Solid	8015 NM	
880-26282-40	T-11 (3)	Total/NA	Solid	8015 NM	
880-26282-41	T-12 (0-1)	Total/NA	Solid	8015 NM	
880-26282-42	T-12 (1.5)	Total/NA	Solid	8015 NM	
880-26282-43	T-12 (2)	Total/NA	Solid	8015 NM	
880-26282-44	T-12 (3)	Total/NA	Solid	8015 NM	
880-26282-45	T-13 (0-1)	Total/NA	Solid	8015 NM	
880-26282-46	T-13 (1.5)	Total/NA	Solid	8015 NM	
880-26282-47	T-13 (2)	Total/NA	Solid	8015 NM	
880-26282-48	T-13 (3)	Total/NA	Solid	8015 NM	
880-26282-49	T-14 (0-1)	Total/NA	Solid	8015 NM	
880-26282-50	T-14 (1.5)	Total/NA	Solid	8015 NM	
880-26282-51	T-14 (2)	Total/NA	Solid	8015 NM	
880-26282-52	T-14 (3)	Total/NA	Solid	8015 NM	
880-26282-53	T-14 (4)	Total/NA	Solid	8015 NM	
880-26282-54	T-14 (5)	Total/NA	Solid	8015 NM	
880-26282-55	T-14 (6)	Total/NA	Solid	8015 NM	
880-26282-56	T-15 (0-1)	Total/NA	Solid	8015 NM	
880-26282-57	T-15 (1.5)	Total/NA	Solid	8015 NM	
880-26282-58	T-15 (2)	Total/NA	Solid	8015 NM	
880-26282-59	T-15 (3)	Total/NA	Solid	8015 NM	
880-26282-60	T-15 (4)	Total/NA	Solid	8015 NM	
880-26282-61	T-15 (5)	Total/NA	Solid	8015 NM	
880-26282-62	T-16 (0-1)	Total/NA	Solid	8015 NM	
880-26282-63	T-16 (1,5)	Total/NA	Solid	8015 NM	
880-26282-64	T-16 (2)	Total/NA	Solid	8015 NM	
880-26282-65	T-16 (3)	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 49412 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26282-66	T-17 (0-1)	Total/NA	Solid	8015 NM	
880-26282-67	T-17 (1.5)	Total/NA	Solid	8015 NM	
880-26282-68	T-17 (2)	Total/NA	Solid	8015 NM	
880-26282-69	T-17 (3)	Total/NA	Solid	8015 NM	
880-26282-70	T-17 (4)	Total/NA	Solid	8015 NM	
880-26282-71	T-17 (5)	Total/NA	Solid	8015 NM	
880-26282-72	T-18 (0-1)	Total/NA	Solid	8015 NM	
880-26282-73	T-18 (1.5)	Total/NA	Solid	8015 NM	
880-26282-74	T-18 (2)	Total/NA	Solid	8015 NM	
880-26282-75	T-18 (3)	Total/NA	Solid	8015 NM	
880-26282-76	T-18 (4)	Total/NA	Solid	8015 NM	
880-26282-77	T-19 (0-1)	Total/NA	Solid	8015 NM	
880-26282-78	T-19 (1.5)	Total/NA	Solid	8015 NM	
880-26282-79	T-19 (2)	Total/NA	Solid	8015 NM	
880-26282-80	T-19 (3)	Total/NA	Solid	8015 NM	
880-26282-81	T-19 (4)	Total/NA	Solid	8015 NM	
880-26282-82	T-19 (5)	Total/NA	Solid	8015 NM	
880-26282-83	T-20 (0-1)	Total/NA	Solid	8015 NM	
880-26282-84	T-20 (1.5)	Total/NA	Solid	8015 NM	
880-26282-85	T-20 (2)	Total/NA	Solid	8015 NM	
880-26282-86	T-20 (3)	Total/NA	Solid	8015 NM	
880-26282-87	T-21 (0-1)	Total/NA	Solid	8015 NM	
880-26282-88	T-21 (1.5)	Total/NA	Solid	8015 NM	
880-26282-89	T-21 (2)	Total/NA	Solid	8015 NM	
880-26282-90	T-21 (3)	Total/NA	Solid	8015 NM	

Prep Batch: 49451

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26282-61	T-15 (5)	Total/NA	Solid	8015NM Prep	
880-26282-62	T-16 (0-1)	Total/NA	Solid	8015NM Prep	
880-26282-63	T-16 (1,5)	Total/NA	Solid	8015NM Prep	
880-26282-64	T-16 (2)	Total/NA	Solid	8015NM Prep	
880-26282-65	T-16 (3)	Total/NA	Solid	8015NM Prep	
880-26282-66	T-17 (0-1)	Total/NA	Solid	8015NM Prep	
880-26282-67	T-17 (1.5)	Total/NA	Solid	8015NM Prep	
880-26282-68	T-17 (2)	Total/NA	Solid	8015NM Prep	
880-26282-69	T-17 (3)	Total/NA	Solid	8015NM Prep	
880-26282-70	T-17 (4)	Total/NA	Solid	8015NM Prep	
880-26282-71	T-17 (5)	Total/NA	Solid	8015NM Prep	
880-26282-72	T-18 (0-1)	Total/NA	Solid	8015NM Prep	
880-26282-73	T-18 (1.5)	Total/NA	Solid	8015NM Prep	
880-26282-74	T-18 (2)	Total/NA	Solid	8015NM Prep	
880-26282-75	T-18 (3)	Total/NA	Solid	8015NM Prep	
880-26282-76	T-18 (4)	Total/NA	Solid	8015NM Prep	
880-26282-77	T-19 (0-1)	Total/NA	Solid	8015NM Prep	
880-26282-78	T-19 (1.5)	Total/NA	Solid	8015NM Prep	
880-26282-79	T-19 (2)	Total/NA	Solid	8015NM Prep	
880-26282-80	T-19 (3)	Total/NA	Solid	8015NM Prep	
MB 880-49451/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-49451/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-49451/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 49451 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26282-61 MS	T-15 (5)	Total/NA	Solid	8015NM Prep	
880-26282-61 MSD	T-15 (5)	Total/NA	Solid	8015NM Prep	

Prep Batch: 49453

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26282-81	T-19 (4)	Total/NA	Solid	8015NM Prep	
880-26282-82	T-19 (5)	Total/NA	Solid	8015NM Prep	
880-26282-83	T-20 (0-1)	Total/NA	Solid	8015NM Prep	
880-26282-84	T-20 (1.5)	Total/NA	Solid	8015NM Prep	
880-26282-85	T-20 (2)	Total/NA	Solid	8015NM Prep	
880-26282-86	T-20 (3)	Total/NA	Solid	8015NM Prep	
880-26282-87	T-21 (0-1)	Total/NA	Solid	8015NM Prep	
880-26282-88	T-21 (1.5)	Total/NA	Solid	8015NM Prep	
880-26282-89	T-21 (2)	Total/NA	Solid	8015NM Prep	
880-26282-90	T-21 (3)	Total/NA	Solid	8015NM Prep	
MB 880-49453/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-49453/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-49453/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-26282-81 MS	T-19 (4)	Total/NA	Solid	8015NM Prep	
880-26282-81 MSD	T-19 (4)	Total/NA	Solid	8015NM Prep	

Analysis Batch: 49473

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26282-61	T-15 (5)	Total/NA	Solid	8015B NM	49451
880-26282-62	T-16 (0-1)	Total/NA	Solid	8015B NM	49451
880-26282-63	T-16 (1,5)	Total/NA	Solid	8015B NM	49451
880-26282-64	T-16 (2)	Total/NA	Solid	8015B NM	49451
880-26282-65	T-16 (3)	Total/NA	Solid	8015B NM	49451
880-26282-66	T-17 (0-1)	Total/NA	Solid	8015B NM	49451
880-26282-67	T-17 (1.5)	Total/NA	Solid	8015B NM	49451
880-26282-68	T-17 (2)	Total/NA	Solid	8015B NM	49451
880-26282-69	T-17 (3)	Total/NA	Solid	8015B NM	49451
880-26282-70	T-17 (4)	Total/NA	Solid	8015B NM	49451
880-26282-71	T-17 (5)	Total/NA	Solid	8015B NM	49451
880-26282-72	T-18 (0-1)	Total/NA	Solid	8015B NM	49451
880-26282-73	T-18 (1.5)	Total/NA	Solid	8015B NM	49451
880-26282-74	T-18 (2)	Total/NA	Solid	8015B NM	49451
880-26282-75	T-18 (3)	Total/NA	Solid	8015B NM	49451
880-26282-76	T-18 (4)	Total/NA	Solid	8015B NM	49451
880-26282-77	T-19 (0-1)	Total/NA	Solid	8015B NM	49451
880-26282-78	T-19 (1.5)	Total/NA	Solid	8015B NM	49451
880-26282-79	T-19 (2)	Total/NA	Solid	8015B NM	49451
880-26282-80	T-19 (3)	Total/NA	Solid	8015B NM	49451
MB 880-49451/1-A	Method Blank	Total/NA	Solid	8015B NM	49451
LCS 880-49451/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	49451
LCSD 880-49451/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	49451
880-26282-61 MS	T-15 (5)	Total/NA	Solid	8015B NM	49451
880-26282-61 MSD	T-15 (5)	Total/NA	Solid	8015B NM	49451

QC Association Summary

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

GC Semi VOA

Analysis Batch: 49513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26282-81	T-19 (4)	Total/NA	Solid	8015B NM	49453
880-26282-82	T-19 (5)	Total/NA	Solid	8015B NM	49453
880-26282-83	T-20 (0-1)	Total/NA	Solid	8015B NM	49453
880-26282-84	T-20 (1.5)	Total/NA	Solid	8015B NM	49453
880-26282-85	T-20 (2)	Total/NA	Solid	8015B NM	49453
880-26282-86	T-20 (3)	Total/NA	Solid	8015B NM	49453
880-26282-87	T-21 (0-1)	Total/NA	Solid	8015B NM	49453
880-26282-88	T-21 (1.5)	Total/NA	Solid	8015B NM	49453
880-26282-89	T-21 (2)	Total/NA	Solid	8015B NM	49453
880-26282-90	T-21 (3)	Total/NA	Solid	8015B NM	49453
MB 880-49453/1-A	Method Blank	Total/NA	Solid	8015B NM	49453
LCS 880-49453/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	49453
LCSD 880-49453/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	49453
880-26282-81 MS	T-19 (4)	Total/NA	Solid	8015B NM	49453
880-26282-81 MSD	T-19 (4)	Total/NA	Solid	8015B NM	49453

HPLC/IC

Leach Batch: 49606

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26282-1	T-1 (0-1)	Soluble	Solid	DI Leach	
880-26282-2	T-1 (1.5)	Soluble	Solid	DI Leach	
880-26282-3	T-1 (2)	Soluble	Solid	DI Leach	
880-26282-4	T-2 (0-1)	Soluble	Solid	DI Leach	
880-26282-5	T-2 (1.5)	Soluble	Solid	DI Leach	
880-26282-6	T-2 (2)	Soluble	Solid	DI Leach	
880-26282-7	T-2 (3)	Soluble	Solid	DI Leach	
880-26282-8	T-2 (4)	Soluble	Solid	DI Leach	
880-26282-9	T-3 (0-1)	Soluble	Solid	DI Leach	
880-26282-10	T-3 (1.5)	Soluble	Solid	DI Leach	
880-26282-11	T-3 (2)	Soluble	Solid	DI Leach	
880-26282-12	T-4 (0-1)	Soluble	Solid	DI Leach	
880-26282-13	T-4 (1.5)	Soluble	Solid	DI Leach	
880-26282-14	T-4 (2)	Soluble	Solid	DI Leach	
880-26282-15	T-5 (0-1)	Soluble	Solid	DI Leach	
880-26282-16	T-5 (1.5)	Soluble	Solid	DI Leach	
880-26282-17	T-5 (2)	Soluble	Solid	DI Leach	
880-26282-18	T-5 (3)	Soluble	Solid	DI Leach	
880-26282-19	T-5 (4)	Soluble	Solid	DI Leach	
880-26282-20	T-6 (0-1)	Soluble	Solid	DI Leach	
MB 880-49606/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-49606/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-49606/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-26282-1 MS	T-1 (0-1)	Soluble	Solid	DI Leach	
880-26282-1 MSD	T-1 (0-1)	Soluble	Solid	DI Leach	
880-26282-11 MS	T-3 (2)	Soluble	Solid	DI Leach	
880-26282-11 MSD	T-3 (2)	Soluble	Solid	DI Leach	

Leach Batch: 49608

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26282-21	T-6 (1.5)	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 49608 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26282-22	T-6 (2)	Soluble	Solid	DI Leach	
880-26282-23	T-7 (0-1)	Soluble	Solid	DI Leach	
880-26282-24	T-7 (1.5)	Soluble	Solid	DI Leach	
880-26282-25	T-7 (2)	Soluble	Solid	DI Leach	
880-26282-26	T-8 (0-1)	Soluble	Solid	DI Leach	
880-26282-27	T-8 (1.5)	Soluble	Solid	DI Leach	
880-26282-28	T-8 (2)	Soluble	Solid	DI Leach	
880-26282-29	T-9 (0-1)	Soluble	Solid	DI Leach	
880-26282-30	T-9 (1.5)	Soluble	Solid	DI Leach	
880-26282-31	T-9 (2)	Soluble	Solid	DI Leach	
880-26282-32	T-9 (3)	Soluble	Solid	DI Leach	
880-26282-33	T-10 (0-1)	Soluble	Solid	DI Leach	
880-26282-34	T-10 (1.5)	Soluble	Solid	DI Leach	
880-26282-35	T-10 (2)	Soluble	Solid	DI Leach	
880-26282-36	T-10 (3)	Soluble	Solid	DI Leach	
880-26282-37	T-11 (0-1)	Soluble	Solid	DI Leach	
880-26282-38	T-11 (1,5)	Soluble	Solid	DI Leach	
880-26282-39	T-11 (2)	Soluble	Solid	DI Leach	
880-26282-40	T-11 (3)	Soluble	Solid	DI Leach	
MB 880-49608/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-49608/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-49608/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-26282-21 MS	T-6 (1.5)	Soluble	Solid	DI Leach	
880-26282-21 MSD	T-6 (1.5)	Soluble	Solid	DI Leach	
880-26282-31 MS	T-9 (2)	Soluble	Solid	DI Leach	
880-26282-31 MSD	T-9 (2)	Soluble	Solid	DI Leach	

Leach Batch: 49609

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26282-41	T-12 (0-1)	Soluble	Solid	DI Leach	
880-26282-42	T-12 (1.5)	Soluble	Solid	DI Leach	
880-26282-43	T-12 (2)	Soluble	Solid	DI Leach	
880-26282-44	T-12 (3)	Soluble	Solid	DI Leach	
880-26282-45	T-13 (0-1)	Soluble	Solid	DI Leach	
880-26282-46	T-13 (1.5)	Soluble	Solid	DI Leach	
880-26282-47	T-13 (2)	Soluble	Solid	DI Leach	
880-26282-48	T-13 (3)	Soluble	Solid	DI Leach	
880-26282-49	T-14 (0-1)	Soluble	Solid	DI Leach	
880-26282-50	T-14 (1.5)	Soluble	Solid	DI Leach	
880-26282-51	T-14 (2)	Soluble	Solid	DI Leach	
880-26282-52	T-14 (3)	Soluble	Solid	DI Leach	
880-26282-53	T-14 (4)	Soluble	Solid	DI Leach	
880-26282-54	T-14 (5)	Soluble	Solid	DI Leach	
880-26282-55	T-14 (6)	Soluble	Solid	DI Leach	
880-26282-56	T-15 (0-1)	Soluble	Solid	DI Leach	
880-26282-57	T-15 (1.5)	Soluble	Solid	DI Leach	
880-26282-58	T-15 (2)	Soluble	Solid	DI Leach	
880-26282-59	T-15 (3)	Soluble	Solid	DI Leach	
880-26282-60	T-15 (4)	Soluble	Solid	DI Leach	
MB 880-49609/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-49609/2-A	Lab Control Sample	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 49609 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-49609/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-26282-41 MS	T-12 (0-1)	Soluble	Solid	DI Leach	
880-26282-41 MSD	T-12 (0-1)	Soluble	Solid	DI Leach	
880-26282-51 MS	T-14 (2)	Soluble	Solid	DI Leach	
880-26282-51 MSD	T-14 (2)	Soluble	Solid	DI Leach	

Leach Batch: 49611

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26282-61	T-15 (5)	Soluble	Solid	DI Leach	
880-26282-62	T-16 (0-1)	Soluble	Solid	DI Leach	
880-26282-63	T-16 (1,5)	Soluble	Solid	DI Leach	
880-26282-64	T-16 (2)	Soluble	Solid	DI Leach	
880-26282-65	T-16 (3)	Soluble	Solid	DI Leach	
880-26282-66	T-17 (0-1)	Soluble	Solid	DI Leach	
880-26282-67	T-17 (1.5)	Soluble	Solid	DI Leach	
880-26282-68	T-17 (2)	Soluble	Solid	DI Leach	
880-26282-69	T-17 (3)	Soluble	Solid	DI Leach	
880-26282-70	T-17 (4)	Soluble	Solid	DI Leach	
880-26282-71	T-17 (5)	Soluble	Solid	DI Leach	
880-26282-72	T-18 (0-1)	Soluble	Solid	DI Leach	
880-26282-73	T-18 (1.5)	Soluble	Solid	DI Leach	
880-26282-74	T-18 (2)	Soluble	Solid	DI Leach	
880-26282-75	T-18 (3)	Soluble	Solid	DI Leach	
880-26282-76	T-18 (4)	Soluble	Solid	DI Leach	
880-26282-77	T-19 (0-1)	Soluble	Solid	DI Leach	
880-26282-78	T-19 (1.5)	Soluble	Solid	DI Leach	
880-26282-79	T-19 (2)	Soluble	Solid	DI Leach	
880-26282-80	T-19 (3)	Soluble	Solid	DI Leach	
MB 880-49611/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-49611/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-49611/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-26282-61 MS	T-15 (5)	Soluble	Solid	DI Leach	
880-26282-61 MSD	T-15 (5)	Soluble	Solid	DI Leach	
880-26282-71 MS	T-17 (5)	Soluble	Solid	DI Leach	
880-26282-71 MSD	T-17 (5)	Soluble	Solid	DI Leach	

Leach Batch: 49612

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26282-81	T-19 (4)	Soluble	Solid	DI Leach	
880-26282-82	T-19 (5)	Soluble	Solid	DI Leach	
880-26282-83	T-20 (0-1)	Soluble	Solid	DI Leach	
880-26282-84	T-20 (1.5)	Soluble	Solid	DI Leach	
880-26282-85	T-20 (2)	Soluble	Solid	DI Leach	
880-26282-86	T-20 (3)	Soluble	Solid	DI Leach	
880-26282-87	T-21 (0-1)	Soluble	Solid	DI Leach	
880-26282-88	T-21 (1.5)	Soluble	Solid	DI Leach	
880-26282-89	T-21 (2)	Soluble	Solid	DI Leach	
880-26282-90	T-21 (3)	Soluble	Solid	DI Leach	
MB 880-49612/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-49612/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-49612/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 49612 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26282-81 MS	T-19 (4)	Soluble	Solid	DI Leach	
880-26282-81 MSD	T-19 (4)	Soluble	Solid	DI Leach	

Analysis Batch: 49681

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26282-1	T-1 (0-1)	Soluble	Solid	300.0	49606
880-26282-2	T-1 (1.5)	Soluble	Solid	300.0	49606
880-26282-3	T-1 (2)	Soluble	Solid	300.0	49606
880-26282-4	T-2 (0-1)	Soluble	Solid	300.0	49606
880-26282-5	T-2 (1.5)	Soluble	Solid	300.0	49606
880-26282-6	T-2 (2)	Soluble	Solid	300.0	49606
880-26282-7	T-2 (3)	Soluble	Solid	300.0	49606
880-26282-8	T-2 (4)	Soluble	Solid	300.0	49606
880-26282-9	T-3 (0-1)	Soluble	Solid	300.0	49606
880-26282-10	T-3 (1.5)	Soluble	Solid	300.0	49606
880-26282-11	T-3 (2)	Soluble	Solid	300.0	49606
880-26282-12	T-4 (0-1)	Soluble	Solid	300.0	49606
880-26282-13	T-4 (1.5)	Soluble	Solid	300.0	49606
880-26282-14	T-4 (2)	Soluble	Solid	300.0	49606
880-26282-15	T-5 (0-1)	Soluble	Solid	300.0	49606
880-26282-16	T-5 (1.5)	Soluble	Solid	300.0	49606
880-26282-17	T-5 (2)	Soluble	Solid	300.0	49606
880-26282-18	T-5 (3)	Soluble	Solid	300.0	49606
880-26282-19	T-5 (4)	Soluble	Solid	300.0	49606
880-26282-20	T-6 (0-1)	Soluble	Solid	300.0	49606
MB 880-49606/1-A	Method Blank	Soluble	Solid	300.0	49606
LCS 880-49606/2-A	Lab Control Sample	Soluble	Solid	300.0	49606
LCSD 880-49606/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	49606
880-26282-1 MS	T-1 (0-1)	Soluble	Solid	300.0	49606
880-26282-1 MSD	T-1 (0-1)	Soluble	Solid	300.0	49606
880-26282-11 MS	T-3 (2)	Soluble	Solid	300.0	49606
880-26282-11 MSD	T-3 (2)	Soluble	Solid	300.0	49606

Analysis Batch: 49682

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26282-21	T-6 (1.5)	Soluble	Solid	300.0	49608
880-26282-22	T-6 (2)	Soluble	Solid	300.0	49608
880-26282-23	T-7 (0-1)	Soluble	Solid	300.0	49608
880-26282-24	T-7 (1.5)	Soluble	Solid	300.0	49608
880-26282-25	T-7 (2)	Soluble	Solid	300.0	49608
880-26282-26	T-8 (0-1)	Soluble	Solid	300.0	49608
880-26282-27	T-8 (1.5)	Soluble	Solid	300.0	49608
880-26282-28	T-8 (2)	Soluble	Solid	300.0	49608
880-26282-29	T-9 (0-1)	Soluble	Solid	300.0	49608
880-26282-30	T-9 (1.5)	Soluble	Solid	300.0	49608
880-26282-31	T-9 (2)	Soluble	Solid	300.0	49608
880-26282-32	T-9 (3)	Soluble	Solid	300.0	49608
880-26282-33	T-10 (0-1)	Soluble	Solid	300.0	49608
880-26282-34	T-10 (1.5)	Soluble	Solid	300.0	49608
880-26282-35	T-10 (2)	Soluble	Solid	300.0	49608
880-26282-36	T-10 (3)	Soluble	Solid	300.0	49608

QC Association Summary

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 49682 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26282-37	T-11 (0-1)	Soluble	Solid	300.0	49608
880-26282-38	T-11 (1,5)	Soluble	Solid	300.0	49608
880-26282-39	T-11 (2)	Soluble	Solid	300.0	49608
880-26282-40	T-11 (3)	Soluble	Solid	300.0	49608
MB 880-49608/1-A	Method Blank	Soluble	Solid	300.0	49608
LCS 880-49608/2-A	Lab Control Sample	Soluble	Solid	300.0	49608
LCSD 880-49608/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	49608
880-26282-21 MS	T-6 (1.5)	Soluble	Solid	300.0	49608
880-26282-21 MSD	T-6 (1.5)	Soluble	Solid	300.0	49608
880-26282-31 MS	T-9 (2)	Soluble	Solid	300.0	49608
880-26282-31 MSD	T-9 (2)	Soluble	Solid	300.0	49608

Analysis Batch: 49756

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26282-41	T-12 (0-1)	Soluble	Solid	300.0	49609
880-26282-42	T-12 (1.5)	Soluble	Solid	300.0	49609
880-26282-43	T-12 (2)	Soluble	Solid	300.0	49609
880-26282-44	T-12 (3)	Soluble	Solid	300.0	49609
880-26282-45	T-13 (0-1)	Soluble	Solid	300.0	49609
880-26282-46	T-13 (1.5)	Soluble	Solid	300.0	49609
880-26282-47	T-13 (2)	Soluble	Solid	300.0	49609
880-26282-48	T-13 (3)	Soluble	Solid	300.0	49609
880-26282-49	T-14 (0-1)	Soluble	Solid	300.0	49609
880-26282-50	T-14 (1.5)	Soluble	Solid	300.0	49609
880-26282-51	T-14 (2)	Soluble	Solid	300.0	49609
880-26282-52	T-14 (3)	Soluble	Solid	300.0	49609
880-26282-53	T-14 (4)	Soluble	Solid	300.0	49609
880-26282-54	T-14 (5)	Soluble	Solid	300.0	49609
880-26282-55	T-14 (6)	Soluble	Solid	300.0	49609
880-26282-56	T-15 (0-1)	Soluble	Solid	300.0	49609
880-26282-57	T-15 (1.5)	Soluble	Solid	300.0	49609
880-26282-58	T-15 (2)	Soluble	Solid	300.0	49609
880-26282-59	T-15 (3)	Soluble	Solid	300.0	49609
880-26282-60	T-15 (4)	Soluble	Solid	300.0	49609
MB 880-49609/1-A	Method Blank	Soluble	Solid	300.0	49609
LCS 880-49609/2-A	Lab Control Sample	Soluble	Solid	300.0	49609
LCSD 880-49609/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	49609
880-26282-41 MS	T-12 (0-1)	Soluble	Solid	300.0	49609
880-26282-41 MSD	T-12 (0-1)	Soluble	Solid	300.0	49609
880-26282-51 MS	T-14 (2)	Soluble	Solid	300.0	49609
880-26282-51 MSD	T-14 (2)	Soluble	Solid	300.0	49609

Analysis Batch: 49760

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26282-81	T-19 (4)	Soluble	Solid	300.0	49612
880-26282-82	T-19 (5)	Soluble	Solid	300.0	49612
880-26282-83	T-20 (0-1)	Soluble	Solid	300.0	49612
880-26282-84	T-20 (1.5)	Soluble	Solid	300.0	49612
880-26282-85	T-20 (2)	Soluble	Solid	300.0	49612
880-26282-86	T-20 (3)	Soluble	Solid	300.0	49612
880-26282-87	T-21 (0-1)	Soluble	Solid	300.0	49612

QC Association Summary

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 49760 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26282-88	T-21 (1.5)	Soluble	Solid	300.0	49612
880-26282-89	T-21 (2)	Soluble	Solid	300.0	49612
880-26282-90	T-21 (3)	Soluble	Solid	300.0	49612
MB 880-49612/1-A	Method Blank	Soluble	Solid	300.0	49612
LCS 880-49612/2-A	Lab Control Sample	Soluble	Solid	300.0	49612
LCSD 880-49612/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	49612
880-26282-81 MS	T-19 (4)	Soluble	Solid	300.0	49612
880-26282-81 MSD	T-19 (4)	Soluble	Solid	300.0	49612

Analysis Batch: 49763

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26282-61	T-15 (5)	Soluble	Solid	300.0	49611
880-26282-62	T-16 (0-1)	Soluble	Solid	300.0	49611
880-26282-63	T-16 (1,5)	Soluble	Solid	300.0	49611
880-26282-64	T-16 (2)	Soluble	Solid	300.0	49611
880-26282-65	T-16 (3)	Soluble	Solid	300.0	49611
880-26282-66	T-17 (0-1)	Soluble	Solid	300.0	49611
880-26282-67	T-17 (1.5)	Soluble	Solid	300.0	49611
880-26282-68	T-17 (2)	Soluble	Solid	300.0	49611
880-26282-69	T-17 (3)	Soluble	Solid	300.0	49611
880-26282-70	T-17 (4)	Soluble	Solid	300.0	49611
880-26282-71	T-17 (5)	Soluble	Solid	300.0	49611
880-26282-72	T-18 (0-1)	Soluble	Solid	300.0	49611
880-26282-73	T-18 (1.5)	Soluble	Solid	300.0	49611
880-26282-74	T-18 (2)	Soluble	Solid	300.0	49611
880-26282-75	T-18 (3)	Soluble	Solid	300.0	49611
880-26282-76	T-18 (4)	Soluble	Solid	300.0	49611
880-26282-77	T-19 (0-1)	Soluble	Solid	300.0	49611
880-26282-78	T-19 (1.5)	Soluble	Solid	300.0	49611
880-26282-79	T-19 (2)	Soluble	Solid	300.0	49611
880-26282-80	T-19 (3)	Soluble	Solid	300.0	49611
MB 880-49611/1-A	Method Blank	Soluble	Solid	300.0	49611
LCS 880-49611/2-A	Lab Control Sample	Soluble	Solid	300.0	49611
LCSD 880-49611/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	49611
880-26282-61 MS	T-15 (5)	Soluble	Solid	300.0	49611
880-26282-61 MSD	T-15 (5)	Soluble	Solid	300.0	49611
880-26282-71 MS	T-17 (5)	Soluble	Solid	300.0	49611
880-26282-71 MSD	T-17 (5)	Soluble	Solid	300.0	49611

Lab Chronicle

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (0-1)

Lab Sample ID: 880-26282-1
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	49660	03/27/23 16:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49870	03/29/23 19:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/30/23 15:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/24/23 12:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	49333	03/23/23 14:16	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49279	03/23/23 21:16	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	49606	03/27/23 10:35	KS	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	49681	03/28/23 13:29	SMC	EET MID

Client Sample ID: T-1 (1.5)

Lab Sample ID: 880-26282-2
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	49660	03/27/23 16:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49870	03/29/23 20:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/30/23 15:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/24/23 12:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49333	03/23/23 14:16	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49279	03/23/23 22:21	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	49606	03/27/23 10:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49681	03/28/23 13:43	SMC	EET MID

Client Sample ID: T-1 (2)

Lab Sample ID: 880-26282-3
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	49660	03/27/23 16:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49870	03/29/23 20:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/30/23 15:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/24/23 12:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49333	03/23/23 14:16	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49279	03/23/23 22:42	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	49606	03/27/23 10:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49681	03/27/23 20:08	SMC	EET MID

Client Sample ID: T-2 (0-1)

Lab Sample ID: 880-26282-4
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	49660	03/27/23 16:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49870	03/29/23 21:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/30/23 15:15	SM	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (0-1)

Lab Sample ID: 880-26282-4
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			49412	03/24/23 12:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	49333	03/23/23 14:16	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49279	03/23/23 23:04	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	49606	03/27/23 10:35	KS	EET MID
Soluble	Analysis	300.0		50	50 mL	50 mL	49681	03/27/23 20:13	SMC	EET MID

Client Sample ID: T-2 (1.5)

Lab Sample ID: 880-26282-5
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	49660	03/27/23 16:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49870	03/29/23 21:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/30/23 15:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/24/23 12:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49333	03/23/23 14:16	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49279	03/23/23 23:25	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	49606	03/27/23 10:35	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49681	03/27/23 20:17	SMC	EET MID

Client Sample ID: T-2 (2)

Lab Sample ID: 880-26282-6
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	49660	03/27/23 16:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49870	03/29/23 22:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/30/23 15:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/24/23 12:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49333	03/23/23 14:16	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49279	03/23/23 23:47	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	49606	03/27/23 10:35	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49681	03/27/23 20:32	SMC	EET MID

Client Sample ID: T-2 (3)

Lab Sample ID: 880-26282-7
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	49660	03/27/23 16:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49870	03/29/23 22:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/30/23 15:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/24/23 12:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49333	03/23/23 14:16	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49279	03/24/23 00:08	SM	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (3)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	49606	03/27/23 10:35	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49681	03/27/23 20:37	SMC	EET MID

Client Sample ID: T-2 (4)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	49660	03/27/23 16:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49870	03/29/23 22:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/30/23 15:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/24/23 12:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49333	03/23/23 14:16	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49279	03/24/23 00:30	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	49606	03/27/23 10:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49681	03/27/23 20:42	SMC	EET MID

Client Sample ID: T-3 (0-1)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	49660	03/27/23 16:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49870	03/29/23 23:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/30/23 15:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/24/23 12:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49333	03/23/23 14:16	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49279	03/24/23 00:51	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	49606	03/27/23 10:35	KS	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	49681	03/27/23 20:46	SMC	EET MID

Client Sample ID: T-3 (1.5)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	49660	03/27/23 16:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49870	03/29/23 23:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/30/23 15:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/24/23 12:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	49333	03/23/23 14:16	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49279	03/24/23 01:13	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	49606	03/27/23 10:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49681	03/27/23 20:51	SMC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (2)

Lab Sample ID: 880-26282-11
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	49660	03/27/23 16:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49870	03/30/23 01:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/30/23 15:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/24/23 12:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49333	03/23/23 14:16	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49279	03/24/23 01:56	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	49606	03/27/23 10:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49681	03/27/23 20:56	SMC	EET MID

Client Sample ID: T-4 (0-1)

Lab Sample ID: 880-26282-12
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	49660	03/27/23 16:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49870	03/30/23 01:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/30/23 15:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/24/23 12:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49333	03/23/23 14:16	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49279	03/24/23 02:17	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	49606	03/27/23 10:35	KS	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	49681	03/27/23 21:10	SMC	EET MID

Client Sample ID: T-4 (1.5)

Lab Sample ID: 880-26282-13
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	49660	03/27/23 16:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49870	03/30/23 02:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/30/23 15:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/24/23 12:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49333	03/23/23 14:16	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49279	03/24/23 02:39	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	49606	03/27/23 10:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49681	03/27/23 21:15	SMC	EET MID

Client Sample ID: T-4 (2)

Lab Sample ID: 880-26282-14
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	49660	03/27/23 16:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49870	03/30/23 02:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/30/23 15:15	SM	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-4 (2)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			49412	03/24/23 12:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49333	03/23/23 14:16	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49279	03/24/23 03:00	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	49606	03/27/23 10:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49681	03/27/23 21:30	SMC	EET MID

Client Sample ID: T-5 (0-1)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	49660	03/27/23 16:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49870	03/30/23 03:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/30/23 15:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/24/23 12:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	49333	03/23/23 14:16	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49279	03/24/23 03:22	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	49606	03/27/23 10:35	KS	EET MID
Soluble	Analysis	300.0		50	50 mL	50 mL	49681	03/27/23 21:35	SMC	EET MID

Client Sample ID: T-5 (1.5)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	49660	03/27/23 16:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49870	03/30/23 03:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/30/23 15:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/24/23 12:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49333	03/23/23 14:16	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49279	03/24/23 03:44	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	49606	03/27/23 10:35	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49681	03/27/23 21:40	SMC	EET MID

Client Sample ID: T-5 (2)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	49660	03/27/23 16:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49870	03/30/23 04:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/30/23 15:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/24/23 12:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49333	03/23/23 14:16	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49279	03/24/23 04:06	SM	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (2)
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	49606	03/27/23 10:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49681	03/27/23 21:44	SMC	EET MID

Client Sample ID: T-5 (3)
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	49660	03/27/23 16:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49870	03/30/23 04:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/30/23 15:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/24/23 12:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49333	03/23/23 14:16	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49279	03/24/23 04:28	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	49606	03/27/23 10:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49681	03/27/23 21:49	SMC	EET MID

Client Sample ID: T-5 (4)
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	49660	03/27/23 16:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49870	03/30/23 05:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/30/23 15:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/24/23 12:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49333	03/23/23 14:16	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49279	03/24/23 04:49	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	49606	03/27/23 10:35	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49681	03/27/23 21:54	SMC	EET MID

Client Sample ID: T-6 (0-1)
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	49660	03/27/23 16:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49870	03/30/23 05:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/30/23 15:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/24/23 12:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49333	03/23/23 14:16	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49279	03/24/23 05:11	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	49606	03/27/23 10:35	KS	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	49681	03/27/23 21:59	SMC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-6 (1.5)

Lab Sample ID: 880-26282-21
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	49665	03/27/23 16:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49916	03/30/23 22:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	49335	03/23/23 14:53	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49358	03/24/23 11:38	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	49608	03/27/23 10:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49682	03/28/23 01:04	SMC	EET MID

Client Sample ID: T-6 (2)

Lab Sample ID: 880-26282-22
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	49665	03/27/23 16:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49916	03/30/23 23:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49335	03/23/23 14:53	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49358	03/24/23 12:45	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	49608	03/27/23 10:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49682	03/28/23 01:19	SMC	EET MID

Client Sample ID: T-7 (0-1)

Lab Sample ID: 880-26282-23
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	49665	03/27/23 16:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49916	03/30/23 23:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49335	03/23/23 14:53	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49358	03/24/23 13:07	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	49608	03/27/23 10:37	KS	EET MID
Soluble	Analysis	300.0		50	50 mL	50 mL	49682	03/28/23 01:24	SMC	EET MID

Client Sample ID: T-7 (1.5)

Lab Sample ID: 880-26282-24
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	49665	03/27/23 16:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49916	03/30/23 23:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:18	SM	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-7 (1.5)

Lab Sample ID: 880-26282-24
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	49335	03/23/23 14:53	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49358	03/24/23 13:29	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	49608	03/27/23 10:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49682	03/28/23 01:29	SMC	EET MID

Client Sample ID: T-7 (2)

Lab Sample ID: 880-26282-25
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	49665	03/27/23 16:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49916	03/31/23 00:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49335	03/23/23 14:53	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49358	03/24/23 13:51	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	49608	03/27/23 10:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49682	03/28/23 01:34	SMC	EET MID

Client Sample ID: T-8 (0-1)

Lab Sample ID: 880-26282-26
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	49665	03/27/23 16:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49916	03/31/23 00:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49335	03/23/23 14:53	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49358	03/24/23 14:13	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	49608	03/27/23 10:37	KS	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	49682	03/28/23 01:48	SMC	EET MID

Client Sample ID: T-8 (1.5)

Lab Sample ID: 880-26282-27
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	49665	03/27/23 16:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49916	03/31/23 00:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49335	03/23/23 14:53	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49358	03/24/23 14:35	SM	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-8 (1.5)

Lab Sample ID: 880-26282-27
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	49608	03/27/23 10:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49682	03/28/23 01:53	SMC	EET MID

Client Sample ID: T-8 (2)

Lab Sample ID: 880-26282-28
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	49665	03/27/23 16:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49916	03/31/23 01:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49335	03/23/23 14:53	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49358	03/24/23 14:57	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	49608	03/27/23 10:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49682	03/28/23 01:58	SMC	EET MID

Client Sample ID: T-9 (0-1)

Lab Sample ID: 880-26282-29
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	49665	03/27/23 16:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49916	03/31/23 01:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49335	03/23/23 14:53	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49358	03/24/23 15:35	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	49608	03/27/23 10:37	KS	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	49682	03/28/23 02:03	SMC	EET MID

Client Sample ID: T-9 (1.5)

Lab Sample ID: 880-26282-30
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	49665	03/27/23 16:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49916	03/31/23 01:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	49335	03/23/23 14:53	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49358	03/24/23 15:57	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	49608	03/27/23 10:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49682	03/28/23 02:07	SMC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-9 (2)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-31

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	49665	03/27/23 16:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49916	03/31/23 03:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49335	03/23/23 14:53	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49358	03/24/23 16:41	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	49608	03/27/23 10:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49682	03/28/23 02:12	SMC	EET MID

Client Sample ID: T-9 (3)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-32

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	49665	03/27/23 16:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49916	03/31/23 03:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49335	03/23/23 14:53	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49358	03/24/23 17:03	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	49608	03/27/23 10:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49682	03/28/23 02:27	SMC	EET MID

Client Sample ID: T-10 (0-1)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-33

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	49665	03/27/23 16:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49916	03/31/23 03:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49335	03/23/23 14:53	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49358	03/24/23 17:25	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	49608	03/27/23 10:37	KS	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	49682	03/28/23 02:32	SMC	EET MID

Client Sample ID: T-10 (1.5)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-34

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	49665	03/27/23 16:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49916	03/31/23 04:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:18	SM	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-10 (1.5)

Lab Sample ID: 880-26282-34

Date Collected: 03/21/23 00:00
Matrix: Solid
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49335	03/23/23 14:53	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49358	03/24/23 17:47	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	49608	03/27/23 10:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49682	03/28/23 02:46	SMC	EET MID

Client Sample ID: T-10 (2)

Lab Sample ID: 880-26282-35

Date Collected: 03/21/23 00:00
Matrix: Solid
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	49665	03/27/23 16:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49916	03/31/23 04:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	49335	03/23/23 14:53	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49358	03/24/23 18:09	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	49608	03/27/23 10:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49682	03/28/23 02:51	SMC	EET MID

Client Sample ID: T-10 (3)

Lab Sample ID: 880-26282-36

Date Collected: 03/21/23 00:00
Matrix: Solid
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	49665	03/27/23 16:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49916	03/31/23 04:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49335	03/23/23 14:53	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49358	03/24/23 18:31	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	49608	03/27/23 10:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49682	03/28/23 02:56	SMC	EET MID

Client Sample ID: T-11 (0-1)

Lab Sample ID: 880-26282-37

Date Collected: 03/21/23 00:00
Matrix: Solid
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	49665	03/27/23 16:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49916	03/31/23 05:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49335	03/23/23 14:53	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49358	03/24/23 18:53	SM	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-11 (0-1)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-37
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	49608	03/27/23 10:37	KS	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	49682	03/28/23 03:01	SMC	EET MID

Client Sample ID: T-11 (1,5)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-38
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	49665	03/27/23 16:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49916	03/31/23 05:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49335	03/23/23 14:53	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49358	03/24/23 19:16	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	49608	03/27/23 10:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49682	03/28/23 03:05	SMC	EET MID

Client Sample ID: T-11 (2)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-39
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	49665	03/27/23 16:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49916	03/31/23 05:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49335	03/23/23 14:53	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49358	03/24/23 19:38	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	49608	03/27/23 10:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49682	03/28/23 03:10	SMC	EET MID

Client Sample ID: T-11 (3)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-40
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	49665	03/27/23 16:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49916	03/31/23 06:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49335	03/23/23 14:53	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49358	03/24/23 20:00	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	49608	03/27/23 10:37	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49682	03/28/23 03:15	SMC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-12 (0-1)

Lab Sample ID: 880-26282-41
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	49666	03/27/23 16:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49917	03/30/23 22:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49372	03/24/23 08:51	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49360	03/24/23 21:51	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	49609	03/27/23 10:39	KS	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	49756	03/28/23 03:54	SMC	EET MID

Client Sample ID: T-12 (1.5)

Lab Sample ID: 880-26282-42
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	49666	03/27/23 16:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49917	03/30/23 22:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	49372	03/24/23 08:51	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49360	03/24/23 22:57	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	49609	03/27/23 10:39	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49756	03/28/23 04:08	SMC	EET MID

Client Sample ID: T-12 (2)

Lab Sample ID: 880-26282-43
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	49666	03/27/23 16:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49917	03/30/23 22:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	49372	03/24/23 08:51	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49360	03/24/23 23:20	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	49609	03/27/23 10:39	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49756	03/28/23 04:13	SMC	EET MID

Client Sample ID: T-12 (3)

Lab Sample ID: 880-26282-44
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	49666	03/27/23 16:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49917	03/30/23 23:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:22	SM	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-12 (3)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-44

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	49372	03/24/23 08:51	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49360	03/24/23 23:43	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	49609	03/27/23 10:39	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49756	03/28/23 04:18	SMC	EET MID

Client Sample ID: T-13 (0-1)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-45

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	49666	03/27/23 16:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49917	03/30/23 23:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49372	03/24/23 08:51	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49360	03/25/23 00:05	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	49609	03/27/23 10:39	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49756	03/28/23 04:23	SMC	EET MID

Client Sample ID: T-13 (1.5)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-46

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	49666	03/27/23 16:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49917	03/30/23 23:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49372	03/24/23 08:51	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49360	03/25/23 00:27	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	49609	03/27/23 10:39	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49756	03/28/23 04:37	SMC	EET MID

Client Sample ID: T-13 (2)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-47

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	49666	03/27/23 16:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49917	03/31/23 00:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	49372	03/24/23 08:51	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49360	03/25/23 00:50	AJ	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-13 (2)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-47
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	49609	03/27/23 10:39	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49756	03/28/23 04:42	SMC	EET MID

Client Sample ID: T-13 (3)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-48
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	49666	03/27/23 16:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49917	03/31/23 00:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	49372	03/24/23 08:51	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49360	03/25/23 01:13	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	49609	03/27/23 10:39	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49756	03/28/23 04:47	SMC	EET MID

Client Sample ID: T-14 (0-1)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-49
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	49666	03/27/23 16:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49917	03/31/23 00:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	49372	03/24/23 08:51	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49360	03/25/23 01:36	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	49609	03/27/23 10:39	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49756	03/28/23 04:52	SMC	EET MID

Client Sample ID: T-14 (1.5)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-50
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	49666	03/27/23 16:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49917	03/31/23 01:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	49372	03/24/23 08:51	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49360	03/25/23 01:59	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	49609	03/27/23 10:39	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49756	03/28/23 04:57	SMC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-14 (2)

Lab Sample ID: 880-26282-51
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	49666	03/27/23 16:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49917	03/31/23 02:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49372	03/24/23 08:51	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49360	03/25/23 02:43	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	49609	03/27/23 10:39	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49756	03/28/23 05:02	SMC	EET MID

Client Sample ID: T-14 (3)

Lab Sample ID: 880-26282-52
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	49666	03/27/23 16:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49917	03/31/23 03:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49372	03/24/23 08:51	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49360	03/25/23 03:05	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	49609	03/27/23 10:39	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49756	03/28/23 05:16	SMC	EET MID

Client Sample ID: T-14 (4)

Lab Sample ID: 880-26282-53
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	49666	03/27/23 16:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49917	03/31/23 03:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	49372	03/24/23 08:51	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49360	03/25/23 03:26	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	49609	03/27/23 10:39	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49756	03/28/23 05:21	SMC	EET MID

Client Sample ID: T-14 (5)

Lab Sample ID: 880-26282-54
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	49666	03/27/23 16:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49917	03/31/23 03:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:22	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-14 (5)

Lab Sample ID: 880-26282-54
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	49372	03/24/23 08:51	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49360	03/25/23 03:48	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	49609	03/27/23 10:39	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49756	03/28/23 05:35	SMC	EET MID

Client Sample ID: T-14 (6)

Lab Sample ID: 880-26282-55
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	49666	03/27/23 16:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49917	03/31/23 04:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	49372	03/24/23 08:51	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49360	03/25/23 04:10	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	49609	03/27/23 10:39	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49756	03/28/23 05:40	SMC	EET MID

Client Sample ID: T-15 (0-1)

Lab Sample ID: 880-26282-56
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	49666	03/27/23 16:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49917	03/31/23 04:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49372	03/24/23 08:51	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49360	03/25/23 04:32	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	49609	03/27/23 10:39	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49756	03/28/23 05:45	SMC	EET MID

Client Sample ID: T-15 (1.5)

Lab Sample ID: 880-26282-57
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	49666	03/27/23 16:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49917	03/31/23 04:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	49372	03/24/23 08:51	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49360	03/25/23 04:54	AJ	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-15 (1.5)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-57
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	49609	03/27/23 10:39	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49756	03/28/23 05:50	SMC	EET MID

Client Sample ID: T-15 (2)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-58
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	49666	03/27/23 16:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49917	03/31/23 05:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49372	03/24/23 08:51	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49360	03/25/23 05:16	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	49609	03/27/23 10:39	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49756	03/28/23 05:55	SMC	EET MID

Client Sample ID: T-15 (3)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-59
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	49666	03/27/23 16:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49917	03/31/23 05:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49372	03/24/23 08:51	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49360	03/25/23 05:38	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	49609	03/27/23 10:39	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49756	03/28/23 06:00	SMC	EET MID

Client Sample ID: T-15 (4)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-60
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	49666	03/27/23 16:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49917	03/31/23 05:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	49372	03/24/23 08:51	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49360	03/25/23 06:00	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	49609	03/27/23 10:39	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49756	03/28/23 06:05	SMC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-15 (5)

Lab Sample ID: 880-26282-61
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	49667	03/27/23 16:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49921	03/31/23 00:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	49451	03/24/23 14:26	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49473	03/25/23 21:42	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	49611	03/27/23 10:41	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49763	03/28/23 06:43	SMC	EET MID

Client Sample ID: T-16 (0-1)

Lab Sample ID: 880-26282-62
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	49667	03/27/23 16:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49921	03/31/23 01:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49451	03/24/23 14:26	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49473	03/26/23 04:36	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	49611	03/27/23 10:41	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49763	03/28/23 06:58	SMC	EET MID

Client Sample ID: T-16 (1,5)

Lab Sample ID: 880-26282-63
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	49667	03/27/23 16:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49921	03/31/23 01:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49451	03/24/23 14:26	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49473	03/25/23 22:49	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	49611	03/27/23 10:41	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49763	03/28/23 07:03	SMC	EET MID

Client Sample ID: T-16 (2)

Lab Sample ID: 880-26282-64
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	49667	03/27/23 16:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49921	03/31/23 01:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:09	SM	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-16 (2)

Lab Sample ID: 880-26282-64
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	49451	03/24/23 14:26	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49473	03/25/23 23:12	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	49611	03/27/23 10:41	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49763	03/28/23 07:08	SMC	EET MID

Client Sample ID: T-16 (3)

Lab Sample ID: 880-26282-65
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	49667	03/27/23 16:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49921	03/31/23 02:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49451	03/24/23 14:26	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49473	03/25/23 23:34	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	49611	03/27/23 10:41	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49763	03/28/23 16:39	SMC	EET MID

Client Sample ID: T-17 (0-1)

Lab Sample ID: 880-26282-66
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	49667	03/27/23 16:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49921	03/31/23 02:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49451	03/24/23 14:26	AJ	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	49473	03/26/23 05:20	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	49611	03/27/23 10:41	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49763	03/28/23 07:23	SMC	EET MID

Client Sample ID: T-17 (1.5)

Lab Sample ID: 880-26282-67
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	49667	03/27/23 16:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49921	03/31/23 02:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49451	03/24/23 14:26	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49473	03/25/23 23:56	SM	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-17 (1.5)

Lab Sample ID: 880-26282-67
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	49611	03/27/23 10:41	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49763	03/28/23 07:28	SMC	EET MID

Client Sample ID: T-17 (2)

Lab Sample ID: 880-26282-68
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	49667	03/27/23 16:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49921	03/31/23 03:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49451	03/24/23 14:26	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49473	03/26/23 00:17	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	49611	03/27/23 10:41	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49763	03/28/23 07:33	SMC	EET MID

Client Sample ID: T-17 (3)

Lab Sample ID: 880-26282-69
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	49667	03/27/23 16:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49921	03/31/23 03:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49451	03/24/23 14:26	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49473	03/26/23 00:38	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	49611	03/27/23 10:41	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49763	03/28/23 07:38	SMC	EET MID

Client Sample ID: T-17 (4)

Lab Sample ID: 880-26282-70
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	49667	03/27/23 16:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49921	03/31/23 04:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49451	03/24/23 14:26	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49473	03/26/23 01:00	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	49611	03/27/23 10:41	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49763	03/28/23 07:43	SMC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-17 (5)

Lab Sample ID: 880-26282-71
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	49667	03/27/23 16:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49921	03/31/23 05:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49451	03/24/23 14:26	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49473	03/26/23 01:22	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	49611	03/27/23 10:41	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49763	03/28/23 07:47	SMC	EET MID

Client Sample ID: T-18 (0-1)

Lab Sample ID: 880-26282-72
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	49667	03/27/23 16:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49921	03/31/23 06:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	49451	03/24/23 14:26	AJ	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	49473	03/26/23 05:42	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	49611	03/27/23 10:41	KS	EET MID
Soluble	Analysis	300.0		50	50 mL	50 mL	49763	03/28/23 08:02	SMC	EET MID

Client Sample ID: T-18 (1.5)

Lab Sample ID: 880-26282-73
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	49667	03/27/23 16:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49921	03/31/23 06:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49451	03/24/23 14:26	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49473	03/26/23 01:43	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	49611	03/27/23 10:41	KS	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	49763	03/28/23 08:07	SMC	EET MID

Client Sample ID: T-18 (2)

Lab Sample ID: 880-26282-74
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	49667	03/27/23 16:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49921	03/31/23 06:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:09	SM	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-18 (2)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-74
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49451	03/24/23 14:26	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49473	03/26/23 02:27	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	49611	03/27/23 10:41	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49763	03/28/23 08:21	SMC	EET MID

Client Sample ID: T-18 (3)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-75
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	49667	03/27/23 16:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49921	03/31/23 07:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49451	03/24/23 14:26	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49473	03/26/23 02:48	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	49611	03/27/23 10:41	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49763	03/28/23 08:26	SMC	EET MID

Client Sample ID: T-18 (4)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-76
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	49667	03/27/23 16:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49921	03/31/23 07:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49451	03/24/23 14:26	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49473	03/26/23 03:10	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	49611	03/27/23 10:41	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49763	03/28/23 08:31	SMC	EET MID

Client Sample ID: T-19 (0-1)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-77
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	49667	03/27/23 16:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49921	03/31/23 07:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	49451	03/24/23 14:26	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49473	03/26/23 04:58	SM	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-19 (0-1)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-77
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	49611	03/27/23 10:41	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49763	03/28/23 08:36	SMC	EET MID

Client Sample ID: T-19 (1.5)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-78
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	49667	03/27/23 16:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49921	03/31/23 08:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	49451	03/24/23 14:26	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49473	03/26/23 03:32	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	49611	03/27/23 10:41	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49763	03/28/23 08:41	SMC	EET MID

Client Sample ID: T-19 (2)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-79
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	49667	03/27/23 16:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49921	03/31/23 09:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49451	03/24/23 14:26	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49473	03/26/23 03:53	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	49611	03/27/23 10:41	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49763	03/28/23 08:45	SMC	EET MID

Client Sample ID: T-19 (3)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-80
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	49940	03/30/23 12:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50015	04/01/23 03:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	04/03/23 16:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49451	03/24/23 14:26	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49473	03/26/23 04:15	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	49611	03/27/23 10:41	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49763	03/28/23 08:50	SMC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-19 (4)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-81
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	49668	03/27/23 16:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49921	03/30/23 13:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/30/23 15:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 10:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	49453	03/24/23 14:47	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49513	03/26/23 21:47	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	49612	03/27/23 10:42	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49760	03/28/23 02:12	SMC	EET MID

Client Sample ID: T-19 (5)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-82
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	49668	03/27/23 16:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49921	03/30/23 13:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/30/23 15:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 10:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49453	03/24/23 14:47	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49513	03/26/23 22:52	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	49612	03/27/23 10:42	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49760	03/28/23 02:26	SMC	EET MID

Client Sample ID: T-20 (0-1)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-83
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	49668	03/27/23 16:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49921	03/30/23 13:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/30/23 15:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 10:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49453	03/24/23 14:47	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49513	03/26/23 23:12	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	49612	03/27/23 10:42	KS	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	49760	03/28/23 02:30	SMC	EET MID

Client Sample ID: T-20 (1.5)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-84
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	49668	03/27/23 16:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49921	03/30/23 14:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/30/23 15:08	SM	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-20 (1.5)

Lab Sample ID: 880-26282-84
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			49412	03/27/23 10:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	49453	03/24/23 14:47	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49513	03/26/23 23:34	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	49612	03/27/23 10:42	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49760	03/28/23 02:35	SMC	EET MID

Client Sample ID: T-20 (2)

Lab Sample ID: 880-26282-85
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	49668	03/27/23 16:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49921	03/30/23 14:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/30/23 15:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 10:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49453	03/24/23 14:47	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49513	03/26/23 23:54	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	49612	03/27/23 10:42	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49760	03/28/23 02:39	SMC	EET MID

Client Sample ID: T-20 (3)

Lab Sample ID: 880-26282-86
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	49668	03/27/23 16:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49921	03/30/23 15:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 10:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49453	03/24/23 14:47	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49513	03/27/23 00:15	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	49612	03/27/23 10:42	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49760	03/28/23 02:53	SMC	EET MID

Client Sample ID: T-21 (0-1)

Lab Sample ID: 880-26282-87
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	49668	03/27/23 16:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49921	03/30/23 15:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 10:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49453	03/24/23 14:47	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49513	03/27/23 00:35	SM	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Client Sample ID: T-21 (0-1)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-87

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	49612	03/27/23 10:42	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49760	03/28/23 02:58	SMC	EET MID

Client Sample ID: T-21 (1.5)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-88

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	49668	03/27/23 16:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49921	03/30/23 15:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 10:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49453	03/24/23 14:47	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49513	03/27/23 00:55	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	49612	03/27/23 10:42	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49760	03/28/23 03:02	SMC	EET MID

Client Sample ID: T-21 (2)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-89

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	49668	03/27/23 16:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49921	03/30/23 16:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 10:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49453	03/24/23 14:47	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49513	03/27/23 01:16	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	49612	03/27/23 10:42	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49760	03/28/23 03:07	SMC	EET MID

Client Sample ID: T-21 (3)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-90

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	49668	03/27/23 16:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49921	03/30/23 18:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49974	03/31/23 12:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			49412	03/27/23 10:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	49453	03/24/23 14:47	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49513	03/27/23 01:36	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	49612	03/27/23 10:42	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49760	03/28/23 03:11	SMC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
300.0		Solid	Chloride
8015 NM		Solid	Total TPH
8015B NM	8015NM Prep	Solid	Diesel Range Organics (Over C10-C28)
8015B NM	8015NM Prep	Solid	Gasoline Range Organics (GRO)-C6-C10
8015B NM	8015NM Prep	Solid	OII Range Organics (Over C28-C36)
8021B	5035	Solid	Benzene
8021B	5035	Solid	Ethylbenzene
8021B	5035	Solid	m-Xylene & p-Xylene
8021B	5035	Solid	o-Xylene
8021B	5035	Solid	Toluene
8021B	5035	Solid	Xylenes, Total
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-26282-1	T-1 (0-1)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-2	T-1 (1.5)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-3	T-1 (2)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-4	T-2 (0-1)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-5	T-2 (1.5)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-6	T-2 (2)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-7	T-2 (3)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-8	T-2 (4)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-9	T-3 (0-1)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-10	T-3 (1.5)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-11	T-3 (2)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-12	T-4 (0-1)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-13	T-4 (1.5)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-14	T-4 (2)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-15	T-5 (0-1)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-16	T-5 (1.5)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-17	T-5 (2)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-18	T-5 (3)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-19	T-5 (4)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-20	T-6 (0-1)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-21	T-6 (1.5)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-22	T-6 (2)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-23	T-7 (0-1)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-24	T-7 (1.5)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-25	T-7 (2)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-26	T-8 (0-1)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-27	T-8 (1.5)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-28	T-8 (2)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-29	T-9 (0-1)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-30	T-9 (1.5)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-31	T-9 (2)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-32	T-9 (3)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-33	T-10 (0-1)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-34	T-10 (1.5)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-35	T-10 (2)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-36	T-10 (3)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-37	T-11 (0-1)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-38	T-11 (1,5)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-39	T-11 (2)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-40	T-11 (3)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-41	T-12 (0-1)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-42	T-12 (1.5)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-43	T-12 (2)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-44	T-12 (3)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-45	T-13 (0-1)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-46	T-13 (1.5)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-47	T-13 (2)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-48	T-13 (3)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-49	T-14 (0-1)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-50	T-14 (1.5)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-51	T-14 (2)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-52	T-14 (3)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-53	T-14 (4)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-54	T-14 (5)	Solid	03/21/23 00:00	03/23/23 11:43

Sample Summary

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26282-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-26282-55	T-14 (6)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-56	T-15 (0-1)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-57	T-15 (1.5)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-58	T-15 (2)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-59	T-15 (3)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-60	T-15 (4)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-61	T-15 (5)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-62	T-16 (0-1)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-63	T-16 (1,5)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-64	T-16 (2)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-65	T-16 (3)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-66	T-17 (0-1)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-67	T-17 (1.5)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-68	T-17 (2)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-69	T-17 (3)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-70	T-17 (4)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-71	T-17 (5)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-72	T-18 (0-1)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-73	T-18 (1.5)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-74	T-18 (2)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-75	T-18 (3)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-76	T-18 (4)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-77	T-19 (0-1)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-78	T-19 (1.5)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-79	T-19 (2)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-80	T-19 (3)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-81	T-19 (4)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-82	T-19 (5)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-83	T-20 (0-1)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-84	T-20 (1.5)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-85	T-20 (2)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-86	T-20 (3)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-87	T-21 (0-1)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-88	T-21 (1.5)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-89	T-21 (2)	Solid	03/21/23 00:00	03/23/23 11:43
880-26282-90	T-21 (3)	Solid	03/21/23 00:00	03/23/23 11:43

Page 242 of 758

Chain of Custody

Work Order No: 26282

4/3/2023

Page 1 of 10

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

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

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

Deliverables EDD ☐ ADaPT ☐ Other:

Project Name	Lacey Swiss 1 Fed Com 707H	Turn Around	
Project Number	1219	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date	24 Hours
Sampler's Name.	GPJ / MM		
PO #:			

SAMPLE RECEIPT			
Temp Blank.	Yes (No)	Wet Ice	(Yes) No
Received Intact:	(Yes) No	Thermometer ID	IR2
Cooler Custody Seals.	Yes No (N/A)	Correction Factor	-0.3
Sample Custody Seals.	Yes No (N/A)	Temperature Reading	2.3
Total Containers.		Corrected Temperature.	2.0

ANALYSIS REQUEST

Preservative Codes

None NO; DI Water H_2O; Cool Cool; MeOH Me; HCL HC; HNO_3 HN; H_2SO_4 H_2; NaOH Na; H_3PO_4 HP; $NaHSO_4$ NABIS; $Na_2S_2O_3$ $NaSO_3$; Zn Acetate+NaOH Zn; NaOH+Ascorbic Acid SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300 0	Sample Comments
T-1 (0-1)	3/21/2023		X		Grab/	1		X	X	X	402
T-1 (1 5)	3/21/2023		X		Grab/	1		X	X	X	
T-1 (2)	3/21/2023		X		Grab/	1		X	X	X	
T-2 (0-1)	3/21/2023		X		Grab/	1		X	X	X	
T-2 (1 5)	3/21/2023		X		Grab/	1		X	X	X	
T-2 (2)	3/21/2023		X		Grab/	1		X	X	X	
T-2 (3)	3/21/2023		X		Grab/	1		X	X	X	
T-2 (4)	3/21/2023		X		Grab/	1		X	X	X	
T-3 (0-1)	3/21/2023		X		Grab/	1		X	X	X	
T-3 (1 5)	3/21/2023		X		Grab/	1		X	X	X	

880-26282 Chain of Custody

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

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
Arena Lucas	3-23-23 11:43		

Page 156 of 166

Received by OCD: 7/24/2024 3:36:41 PM

Released to Imaging: 7/30/2024 11:50:05 AM

Page 243 of 758

Work Order No: 216283

4/3/2023

Page 2 of 10

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

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

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

Deliverables EDD ☐ ADaPT ☐ Other:

Project Name	Lacey Swiss 1 Fed Com 707H	Turn Around	
Project Number	1219	☐ Routine ☑ Rush	
Project Location	Lea County, New Mexico	Due Date	24 Hours
Sampler's Name	GPJ / MM		
PO #			

SAMPLE RECEIPT			
Temp Blank	Yes (No)	Wet Ice	Yes No
Received Intact:	(Yes) No	Thermometer ID	IR6
Cooler Custody Seals	Yes No (N/A)	Correction Factor	-0.3
Sample Custody Seals	Yes No (N/A)	Temperature Reading	2.3
Total Containers		Corrected Temperature	2.0

Preservative Codes

None NO; DI Water H_2O; Cool Cool; MeOH Me; HCL HC; HNO_3 HN; H_2S0_4 H_2; NaOH Na; H_3PO_4 HP; $NaHSO_4$ NABIS; $Na_2S_2O_3$ $NaSO_3$; Zn Acetate+NaOH Zn; NaOH+Ascorbic Acid SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300 0	Sample Comments
T-3 (2)	3/21/2023		X		Grab/	1	X	X	X	
T-4 (0-1)	3/21/2023		X		Grab/	1	X	X	X	
T-4 (1 5)	3/21/2023		X		Grab/	1	X	X	X	
T-4 (2)	3/21/2023		X		Grab/	1	X	X	X	
T-5 (0-1)	3/21/2023		X		Grab/	1	X	X	X	
T-5 (1 5)	3/21/2023		X		Grab/	1	X	X	X	
T-5 (2)	3/21/2023		X		Grab/	1	X	X	X	
T-5 (3)	3/21/2023		X		Grab/	1	X	X	X	
T-5 (4)	3/21/2023		X		Grab/	1	X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	3-23-23 1154		

Page 157 of 166

Received by OCD: 7/24/2024 3:36:41 PM

Released to Imaging: 7/30/2024 11:50:05 AM

Page 244 of 758

Work Order No: 216282

4/3/2023

Page 3 of 10

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

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

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

Deliverables EDD ☐ ADaPT ☐ Other:

Project Name	Lacey Swiss 1 Fed Com 707H	Turn Around	
Project Number	1219	☐ Routine ☑ Rush	
Project Location	Lea County, New Mexico	Due Date	24 Hours
Sampler's Name.	GPJ / MM		
PO #			

SAMPLE RECEIPT			
Temp Blank.	Yes (No)	Wet Ice	(Yes) No
Received Intact:	(Yes) No	Thermometer ID	IR6
Cooler Custody Seals	Yes No (N/A)	Correction Factor	-0.3
Sample Custody Seals	Yes No (N/A)	Temperature Reading	2.3
Total Containers		Corrected Temperature	2.0

Preservative Codes

None NO; DI Water H_2O; Cool Cool; MeOH Me; HCL. HC; HNO_3 HN; H_2S0_4 H_2; NaOH Na; H_3PO_4 HP; $NaHSO_4$. NABIS; $Na_2S_2O_3$. $NaSO_3$; Zn Acetate+NaOH Zn; NaOH+Ascorbic Acid SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300 0	Sample Comments
T-6 (0-1)	3/21/2023		X		Grab/	1		X	X	X	
T-6 (1 5)	3/21/2023		X		Grab/	1		X	X	X	
T-6 (2)	3/21/2023		X		Grab/	1		X	X	X	
T-7 (0-1)	3/21/2023		X		Grab/	1		X	X	X	
T-7 (1 5)	3/21/2023		X		Grab/	1		X	X	X	
T-7 (2)	3/21/2023		X		Grab/	1		X	X	X	
T-8 (0-1)	3/21/2023		X		Grab/	1		X	X	X	
T-8 (1 5)	3/21/2023		X		Grab/	1		X	X	X	
T-8 (2)	3/21/2023		X		Grab/	1		X	X	X	
T-9 (0-1)	3/21/2023		X		Grab/	1		X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by (Signature)	Date/Time
Conner Moehring	3-23-23 11:43		

Page 158 of 166

Received by OCD: 7/24/2024 3:36:41 PM

Released to Imaging: 7/30/2024 11:50:05 AM

Page 245 of 758

Work Order No: 216282

4/3/2023

Page 4 of 10

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

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

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

Deliverables EDD ☐ ADaPT ☐ Other:

Project Name	Lacey Swiss 1 Fed Com 707H	Turn Around	
Project Number	1219	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date	24 Hours
Sampler's Name	GPJ / MM		
PO #			

SAMPLE RECEIPT			
Temp Blank	Yes (No)	Wet Ice	(Yes) No
Received Intact:	(Yes) No	Thermometer ID	IR5
Cooler Custody Seals	Yes No (N/A)	Correction Factor	-0.3
Sample Custody Seals.	Yes No (N/A)	Temperature Reading	2.3
Total Containers		Corrected Temperature	2.0

Preservative Codes

None NO; DI Water H_2O; Cool Cool; MeOH Me; HCL HC; HNO_3 HN; H_2SO_4 H_2; NaOH Na; H_3PO_4 HP; $NaHSO_4$ NABIS; $Na_2S_2O_3$ $NaSO_3$; Zn Acetate+NaOH Zn; NaOH+Ascorbic Acid SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300 0	Sample Comments
T-9 (1 5)	3/21/2023		X		Grab/	1		X	X	X	
T-9 (2)	3/21/2023		X		Grab/	1		X	X	X	
T-9 (3)	3/21/2023		X		Grab/	1		X	X	X	
T-10 (0-1)	3/21/2023		X		Grab/	1		X	X	X	
T-10 (1 5)	3/21/2023		X		Grab/	1		X	X	X	
T-10 (2)	3/21/2023		X		Grab/	1		X	X	X	
T-10 (3)	3/21/2023		X		Grab/	1		X	X	X	
T-11 (0-1)	3/21/2023		X		Grab/	1		X	X	X	
T-11 (1 5)	3/21/2023		X		Grab/	1		X	X	X	
T-11 (2)	3/21/2023		X		Grab/	1		X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Conner Moehring	3-23-23 11:43		

Page 159 of 166

Received by OCD: 7/24/2024 3:36:41 PM

Released to Imaging: 7/30/2024 11:50:05 AM

Page 246 of 758

Work Order No: 26282

4/3/2023

Page 5 of 10

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

Work Order Comments

Program. UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project.

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

Deliverables EDD ☐ ADaPT ☐ Other

Project Name	Lacey Swiss 1 Fed Com 707H	Turn Around	
Project Number	1219	☐ Routine ☑ Rush	
Project Location	Lea County, New Mexico	Due Date	24 Hours
Sampler's Name	GPJ / MM		
PO #			

SAMPLE RECEIPT			
Temp Blank	Yes (No)	Wet Ice	(Yes) No
Received Intact:	(Yes) No	Thermometer ID	IR6
Cooler Custody Seals	Yes No (N/A)	Correction Factor	-0.3
Sample Custody Seals	Yes No (N/A)	Temperature Reading	2.3
Total Containers		Corrected Temperature	2.0

Preservative Codes

None NO — DI Water H_2O

Cool Cool — MeOH Me

HCL HC — HNO_3 HN

H_2S0_4 H_2 — NaOH Na

H_3PO_4 HP

$NaHSO_4$ NABIS

$Na_2S_2O_3$ $NaSO_3$

Zn Acetate+NaOH Zn

NaOH+Ascorbic Acid SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300 0	Sample Comments
T-11 (3)	3/21/2023		X		Grab/	1	X	X	X	
T-12 (0-1)	3/21/2023		X		Grab/	1	X	X	X	
T-12 (1 5)	3/21/2023		X		Grab/	1	X	X	X	
T-12 (2)	3/21/2023		X		Grab/	1	X	X	X	
T-12 (3)	3/21/2023		X		Grab/	1	X	X	X	

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

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
Arianna Reyes	3-23-23 11:43	Brad	

Page 160 of 166

Received by OCD: 7/24/2024 3:36:41 PM

Released to Imaging: 7/30/2024 11:50:05 AM

Page 247 of 758

Chain of Custody

Work Order No: 260287

4/3/2023

Page 6 of 10

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

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

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

Deliverables EDD ☐ ADaPT ☐ Other

Project Name	Lacey Swiss 1 Fed Com 707H	Turn Around	☐ Routine ☑ Rush
Project Number	1219	Due Date	72 Hours
Project Location	Lea County, New Mexico		
Sampler's Name	GPJ / MM		
PO #:			

SAMPLE RECEIPT			
Temp Blank	Yes (No)	Wet Ice	Yes No
Received Intact	(Yes) No	Thermometer ID	IR6
Cooler Custody Seals	Yes No N/A	Correction Factor	-0.3
Sample Custody Seals	Yes No N/A	Temperature Reading	2.3
Total Containers		Corrected Temperature	2.0

Preservative Codes

None NO; DI Water H_2O; Cool Cool; MeOH Me; HCL HC; HNO_3 HN; H_2SO_4 H_2; NaOH Na; H_3PO_4 HP; $NaHSO_4$ NABIS; $Na_2S_2O_3$ $NaSO_3$; Zn Acetate+NaOH Zn; NaOH+Ascorbic Acid SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
T-13 (0-1)	3/22/2023		X		Grab/	1	X	X	X	
T-13 (1 5)	3/22/2023		X		Grab/	1	X	X	X	
T-13 (2)	3/22/2023		X		Grab/	1	X	X	X	
T-13 (3)	3/22/2023		X		Grab/	1	X	X	X	
T-14 (0-1)	3/22/2023		X		Grab/	1	X	X	X	
T-14 (1 5)	3/22/2023		X		Grab/	1	X	X	X	
T-14 (2)	3/22/2023		X		Grab/	1	X	X	X	
T-14 (3)	3/22/2023		X		Grab/	1	X	X	X	
T-14 (4)	3/22/2023		X		Grab/	1	X	X	X	
T-14 (5)	3/22/2023		X		Grab/	1	X	X	X	

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

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	3-23-23 11:43		

Page 161 of 166

Received by OCD: 7/24/2024 3:36:41 PM

Released to Imaging: 7/30/2024 11:50:05 AM

Page 248 of 758

Work Order No: 262982

4/3/2023

Page 7 of 10

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

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

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

Deliverables EDD ☐ ADaPT ☐ Other:

Project Name	Lacey Swiss 1 Fed Com 707H	Turn Around	
Project Number	1219	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date	72 Hours
Sampler's Name	GPJ		
PO #			

SAMPLE RECEIPT			
Temp Blank.	Yes (No)	Wet Ice	(Yes) No
Received Intact.	(Yes) No	Thermometer ID	IR6
Cooler Custody Seals	Yes No (N/A)	Correction Factor	-0.3
Sample Custody Seals	Yes No (N/A)	Temperature Reading	2.3
Total Containers		Corrected Temperature	2.0

Preservative Codes

None NO DI Water H_2O

Cool Cool MeOH Me

HCL. HC HNO_3. HN

H_2S0_4 H_2 NaOH Na

H_3PO_4 HP

$NaHSO_4$ NABIS

$Na_2S_2O_3$ $NaSO_3$

Zn Acetate+NaOH Zn

NaOH+Ascorbic Acid SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300 0	Sample Comments
T-14 (6)	3/22/2023		X		Grab/	1		X	X	X	
T-15 (0-1)	3/22/2023		X		Grab/	1		X	X	X	
T-15 (1 5)	3/22/2023		X		Grab/	1		X	X	X	
T-15 (2)	3/22/2023		X		Grab/	1		X	X	X	
T-15 (3)	3/22/2023		X		Grab/	1		X	X	X	
T-15 (4)	3/22/2023		X		Grab/	1		X	X	X	
T-15 (5)	3/22/2023		X		Grab/	1		X	X	X	
T-16 (0-1)	3/22/2023		X		Grab/	1		X	X	X	
T-16 (1 5)	3/22/2023		X		Grab/	1		X	X	X	
T-16 (2)	3/22/2023		X		Grab/	1		X	X	X	

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

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
Mona Thees	3-23-23 11:43		

Page 162 of 166

Received by OCD: 7/24/2024 3:36:41 PM

Released to Imaging: 7/30/2024 11:50:05 AM

Page 249 of 758

Work Order No: 216282

4/3/2023

Page 8 of 10

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

Work Order Comments

Program. UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project.

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

Deliverables EDD ☐ ADaPT ☐ Other

Project Name	Lacey Swiss 1 Fed Com 707H	Turn Around	
Project Number	1219	☐ Routine ☑ Rush	
Project Location	Lea County, New Mexico	Due Date	72 Hours
Sampler's Name	GPJ		
PO #			

SAMPLE RECEIPT			
Temp Blank.	Yes (No)	Wet Ice	(Yes) No
Received Intact.	(Yes) No	Thermometer ID	IR5
Cooler Custody Seals.	Yes No (N/A)	Correction Factor	-0.3
Sample Custody Seals	Yes No (N/A)	Temperature Reading	2.3
Total Containers		Corrected Temperature	2.0

ANALYSIS REQUEST

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300 0
T-16 (3)	3/22/2023		X		Grab/	1		X	X	X
T-17 (0-1)	3/22/2023		X		Grab/	1		X	X	X
T-17 (1 5)	3/22/2023		X		Grab/	1		X	X	X
T-17 (2)	3/22/2023		X		Grab/	1		X	X	X
T-17 (3)	3/22/2023		X		Grab/	1		X	X	X
T-17 (4)	3/22/2023		X		Grab/	1		X	X	X
T-17 (5)	3/22/2023		X		Grab/	1		X	X	X
T-18 (0-1)	3/22/2023		X		Grab/	1		X	X	X
T-18 (1 5)	3/22/2023		X		Grab/	1		X	X	X
T-18 (2)	3/22/2023		X		Grab/	1		X	X	X

Preservative Codes

None NO — DI Water H_2O

Cool Cool — MeOH Me

HCL HC — HNO_3 HN

H_2S0_4 H_2 — NaOH Na

H_3PO_4 HP

$NaHSO_4$ NABIS

$Na_2S_2O_3$. $NaSO_3$

Zn Acetate+NaOH Zn

NaOH+Ascorbic Acid SAPC

Sample Comments

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

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
Ariana Uribe	3-23-23 11:43	Bowl	

Page 163 of 166

Received by OCD: 7/24/2024 3:36:41 PM

Released to Imaging: 7/30/2024 11:50:05 AM

Page 250 of 758

Work Order No: 26282

4/3/2023

Page 9 of 10

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

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project

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

Deliverables EDD ☐ ADaPT ☐ Other:

Project Name	Lacey Swiss 1 Fed Com 707H	Turn Around	
Project Number	1219	☐ Routine ☑ Rush	
Project Location	Lea County, New Mexico	Due Date	72 Hours
Sampler's Name	GPJ		
PO #:			

SAMPLE RECEIPT				
Temp Blank	Yes (No)	Wet Ice.	(Yes) No	
Received Intact:	(Yes) No	Thermometer ID	IR6	
Cooler Custody Seals	Yes No (N/A)	Correction Factor	-0.3	
Sample Custody Seals.	Yes No (N/A)	Temperature Reading	2.3	
Total Containers.		Corrected Temperature	2.0	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300 0
T-18 (3)	3/22/2023		X		Grab/	1	X	X	X
T-18 (4)	3/22/2023		X		Grab/	1	X	X	X
T-19 (0-1)	3/22/2023		X		Grab/	1	X	X	X
T-19 (1 5)	3/22/2023		X		Grab/	1	X	X	X
T-19 (2)	3/22/2023		X		Grab/	1	X	X	X
T-19 (3)	3/22/2023		X		Grab/	1	X	X	X
T-19 (4)	3/22/2023		X		Grab/	1	X	X	X
T-19 (5)	3/22/2023		X		Grab/	1	X	X	X
T-20 (0-1)	3/22/2023		X		Grab/	1	X	X	X
T-20 (1 5)	3/22/2023		X		Grab/	1	X	X	X

Preservative Codes

None NO	DI Water H_2O
Cool Cool	MeOH Me
HCL. HC	HNO_3 HN
H_2S0_4 H_2	NaOH Na
H_3PO_4 HP	
$NaHSO_4$ NABIS	
$Na_2S_2O_3$ $NaSO_3$	
Zn Acetate+NaOH Zn	
NaOH+Ascorbic Acid SAPC	

Sample Comments

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Amanda Haas	3-23-23 1143	Brad	

Page 164 of 166

Received by OCD: 7/24/2024 3:36:41 PM

Released to Imaging: 7/30/2024 11:50:05 AM

Page 251 of 758

Work Order No: 26282

4/3/2023

Page 10 of 10

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

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project.

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

Deliverables EDD ☐ ADaPT ☐ Other

Project Name	Lacey Swiss 1 Fed Com 707H	Turn Around	
Project Number	1219	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date	72 Hours
Sampler's Name	GPJ		
PO #			

SAMPLE RECEIPT			
Temp Blank	Yes (No)	Wet Ice	(Yes) No
Received Intact:	(Yes) No	Thermometer ID	IR8
Cooler Custody Seals.	Yes No (N/A)	Correction Factor	-0.3
Sample Custody Seals	Yes No (N/A)	Temperature Reading	2.3
Total Containers.		Corrected Temperature	2.0

Preservative Codes

None NO; DI Water H_2O; Cool Cool; MeOH Me; HCL HC; HNO_3 HN; H_2S0_4 H_2; NaOH Na; H_3PO_4 HP; $NaHSO_4$. NABIS; $Na_2S_2O_3$ $NaSO_3$; Zn Acetate+NaOH Zn; NaOH+Ascorbic Acid SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300 0	Sample Comments
T-20 (2)	3/22/2023		X		Grab/	1	X	X	X	
T-20 (3)	3/22/2023		X		Grab/	1	X	X	X	
T-21 (0-1)	3/22/2023		X		Grab/	1	X	X	X	
T-21 (1 5)	3/22/2023		X		Grab/	1	X	X	X	
T-21 (2)	3/22/2023		X		Grab/	1	X	X	X	
T-21 (3)	3/22/2023		X		Grab/	1	X	X	X	

Loc: 880
26282

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

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
Ariana Lucas	3-23-23 11:15		

Page 165 of 166

Received by OCD: 7/24/2024 3:36:41 PM

Released to Imaging: 7/30/2024 11:50:05 AM

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-26282-1
SDG Number: Lea County, New Mexico

Login Number: 26282
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Conner Moehring
Carmona Resources
310 W Wall St
Ste 415
Midland, Texas 79701

Generated 3/29/2023 10:43:08 AM

JOB DESCRIPTION

Lacey Swiss 1 Fed Com 707H
SDG NUMBER Lea County, New Mexico

JOB NUMBER

880-26283-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 7/30/2024 11:36:05 AM

my EOL

Eurofins Midland

Job Notes

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
3/29/2023 10:43:08 AM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Laboratory Job ID: 880-26283-1
SDG: Lea County, New Mexico

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Client Sample Results 6
Surrogate Summary 19
QC Sample Results 21
QC Association Summary 28
Lab Chronicle 33
Certification Summary 39
Method Summary 40
Sample Summary 41
Chain of Custody 42
Receipt Checklists 44

Definitions/Glossary

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26283-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F2	MS/MSD RPD exceeds control limits
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26283-1
SDG: Lea County, New Mexico

Job ID: 880-26283-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-26283-1

Receipt
The samples were received on 3/23/2023 11:43 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.0°C

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: H-1 (0-0.5) (880-26283-1), H-2 (0-0.5) (880-26283-2), H-3 (0-0.5) (880-26283-3), H-4 (0-0.5) (880-26283-4), H-5 (0-0.5) (880-26283-5), H-6 (0-0.5) (880-26283-6), H-7 (0-0.5) (880-26283-7), H-8 (0-0.5) (880-26283-8), H-9 (0-0.5) (880-26283-9), H-10 (0-0.5) (880-26283-10), H-11 (0-0.5) (880-26283-11), H-12 (0-0.5) (880-26283-12), H-13 (0-0.5) (880-26283-13), H-14 (0-0.5) (880-26283-14), H-15 (0-0.5) (880-26283-15), H-16 (0-0.5) (880-26283-16) and H-17 (0-0.5) (880-26283-17).

GC VOA
Method 8021B: Surrogate recovery for the following samples were outside control limits: H-2 (0-0.5) (880-26283-2), H-5 (0-0.5) (880-26283-5) and H-9 (0-0.5) (880-26283-9). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: H-1 (0-0.5) (880-26283-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: H-7 (0-0.5) (880-26283-7). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-49586 and analytical batch 880-49684 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA
Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-49629 and analytical batch 880-49557 was outside control limits. Sample non-homogeneity is suspected.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
Method 300_ORGFM_28D: The matrix spike (MS) recoveries for preparation batch 880-49612 and analytical batch 880-49760 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.H-1 (0-0.5) (880-26283-1), H-2 (0-0.5) (880-26283-2), H-3 (0-0.5) (880-26283-3), H-4 (0-0.5) (880-26283-4), H-5 (0-0.5) (880-26283-5), H-6 (0-0.5) (880-26283-6), H-7 (0-0.5) (880-26283-7), H-8 (0-0.5) (880-26283-8), H-9 (0-0.5) (880-26283-9), H-10 (0-0.5) (880-26283-10) and (880-26283-A-1-C MS)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26283-1
SDG: Lea County, New Mexico

Client Sample ID: H-1 (0-0.5)

Lab Sample ID: 880-26283-1
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/27/23 10:15	03/29/23 03:33	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/27/23 10:15	03/29/23 03:33	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/27/23 10:15	03/29/23 03:33	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/27/23 10:15	03/29/23 03:33	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/27/23 10:15	03/29/23 03:33	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/27/23 10:15	03/29/23 03:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*	*03/27/23 10:15*	*03/29/23 03:33*	*1*
1,4-Difluorobenzene (Surr)	*68*	*S1-*	*70 - 130*	*03/27/23 10:15*	*03/29/23 03:33*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/29/23 09:39	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/28/23 09:22	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F2	49.9		mg/Kg		03/27/23 12:41	03/27/23 21:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/27/23 12:41	03/27/23 21:06	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/27/23 12:41	03/27/23 21:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*03/27/23 12:41*	*03/27/23 21:06*	*1*
o-Terphenyl	*106*		*70 - 130*	*03/27/23 12:41*	*03/27/23 21:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**109**	**F1**	4.99		mg/Kg			03/28/23 03:16	1

Client Sample ID: H-2 (0-0.5)

Lab Sample ID: 880-26283-2
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		03/27/23 10:15	03/29/23 03:53	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/27/23 10:15	03/29/23 03:53	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/27/23 10:15	03/29/23 03:53	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		03/27/23 10:15	03/29/23 03:53	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/27/23 10:15	03/29/23 03:53	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/27/23 10:15	03/29/23 03:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*03/27/23 10:15*	*03/29/23 03:53*	*1*
1,4-Difluorobenzene (Surr)	*68*	*S1-*	*70 - 130*	*03/27/23 10:15*	*03/29/23 03:53*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26283-1
SDG: Lea County, New Mexico

Client Sample ID: H-2 (0-0.5)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26283-2
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			03/29/23 09:39	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**166**		50.0		mg/Kg			03/28/23 09:22	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/27/23 12:41	03/27/23 22:10	1
Diesel Range Organics (Over C10-C28)	**166**		50.0		mg/Kg		03/27/23 12:41	03/27/23 22:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/27/23 12:41	03/27/23 22:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*113*		*70 - 130*	*03/27/23 12:41*	*03/27/23 22:10*	*1*
o-Terphenyl	*113*		*70 - 130*	*03/27/23 12:41*	*03/27/23 22:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**804**		5.02		mg/Kg			03/28/23 03:29	1

Client Sample ID: H-3 (0-0.5)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26283-3
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/27/23 10:15	03/29/23 04:14	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/27/23 10:15	03/29/23 04:14	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/27/23 10:15	03/29/23 04:14	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/27/23 10:15	03/29/23 04:14	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/27/23 10:15	03/29/23 04:14	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/27/23 10:15	03/29/23 04:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*03/27/23 10:15*	*03/29/23 04:14*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*03/27/23 10:15*	*03/29/23 04:14*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/29/23 09:39	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/28/23 09:22	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/27/23 12:41	03/27/23 22:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/27/23 12:41	03/27/23 22:31	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26283-1
SDG: Lea County, New Mexico

Client Sample ID: H-3 (0-0.5)

Lab Sample ID: 880-26283-3
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/27/23 12:41	03/27/23 22:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*03/27/23 12:41*	*03/27/23 22:31*	*1*
o-Terphenyl	*105*		*70 - 130*	*03/27/23 12:41*	*03/27/23 22:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**186**		5.04		mg/Kg			03/28/23 03:34	1

Client Sample ID: H-4 (0-0.5)

Lab Sample ID: 880-26283-4
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/27/23 10:15	03/29/23 04:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/27/23 10:15	03/29/23 04:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/27/23 10:15	03/29/23 04:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/27/23 10:15	03/29/23 04:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/27/23 10:15	03/29/23 04:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/27/23 10:15	03/29/23 04:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*	*03/27/23 10:15*	*03/29/23 04:34*	*1*
1,4-Difluorobenzene (Surr)	*71*		*70 - 130*	*03/27/23 10:15*	*03/29/23 04:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/29/23 09:39	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/28/23 09:22	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/27/23 12:41	03/27/23 22:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/27/23 12:41	03/27/23 22:52	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/27/23 12:41	03/27/23 22:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*109*		*70 - 130*	*03/27/23 12:41*	*03/27/23 22:52*	*1*
o-Terphenyl	*110*		*70 - 130*	*03/27/23 12:41*	*03/27/23 22:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**113**		4.97		mg/Kg			03/28/23 03:48	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26283-1
SDG: Lea County, New Mexico

Client Sample ID: H-5 (0-0.5)

Lab Sample ID: 880-26283-5
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/27/23 10:15	03/29/23 04:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/27/23 10:15	03/29/23 04:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/27/23 10:15	03/29/23 04:54	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/27/23 10:15	03/29/23 04:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/27/23 10:15	03/29/23 04:54	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/27/23 10:15	03/29/23 04:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*62*	*S1-*	*70 - 130*	*03/27/23 10:15*	*03/29/23 04:54*	*1*
1,4-Difluorobenzene (Surr)	*74*		*70 - 130*	*03/27/23 10:15*	*03/29/23 04:54*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/29/23 09:39	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/28/23 09:22	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/27/23 12:41	03/27/23 23:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/27/23 12:41	03/27/23 23:13	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/27/23 12:41	03/27/23 23:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*03/27/23 12:41*	*03/27/23 23:13*	*1*
o-Terphenyl	*97*		*70 - 130*	*03/27/23 12:41*	*03/27/23 23:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**187**		4.98		mg/Kg			03/28/23 03:52	1

Client Sample ID: H-6 (0-0.5)

Lab Sample ID: 880-26283-6
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/27/23 10:15	03/29/23 05:15	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/27/23 10:15	03/29/23 05:15	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/27/23 10:15	03/29/23 05:15	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/27/23 10:15	03/29/23 05:15	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/27/23 10:15	03/29/23 05:15	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/27/23 10:15	03/29/23 05:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*03/27/23 10:15*	*03/29/23 05:15*	*1*
1,4-Difluorobenzene (Surr)	*76*		*70 - 130*	*03/27/23 10:15*	*03/29/23 05:15*	*1*

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26283-1
SDG: Lea County, New Mexico

Client Sample ID: H-6 (0-0.5)

Lab Sample ID: 880-26283-6
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/29/23 09:39	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/28/23 09:22	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/27/23 12:41	03/27/23 23:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/27/23 12:41	03/27/23 23:34	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/27/23 12:41	03/27/23 23:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*03/27/23 12:41*	*03/27/23 23:34*	*1*
o-Terphenyl	*91*		*70 - 130*	*03/27/23 12:41*	*03/27/23 23:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**218**		4.99		mg/Kg			03/28/23 03:57	1

Client Sample ID: H-7 (0-0.5)

Lab Sample ID: 880-26283-7
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/27/23 10:15	03/29/23 05:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/27/23 10:15	03/29/23 05:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/27/23 10:15	03/29/23 05:35	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/27/23 10:15	03/29/23 05:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/27/23 10:15	03/29/23 05:35	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/27/23 10:15	03/29/23 05:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*	*03/27/23 10:15*	*03/29/23 05:35*	*1*
1,4-Difluorobenzene (Surr)	*69*	*S1-*	*70 - 130*	*03/27/23 10:15*	*03/29/23 05:35*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			03/29/23 09:39	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/28/23 09:22	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/27/23 12:41	03/27/23 23:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/27/23 12:41	03/27/23 23:56	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26283-1
SDG: Lea County, New Mexico

Client Sample ID: H-7 (0-0.5)

Lab Sample ID: 880-26283-7
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/27/23 12:41	03/27/23 23:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*111*		*70 - 130*	*03/27/23 12:41*	*03/27/23 23:56*	*1*
o-Terphenyl	*114*		*70 - 130*	*03/27/23 12:41*	*03/27/23 23:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**255**		4.97		mg/Kg			03/28/23 04:01	1

Client Sample ID: H-8 (0-0.5)

Lab Sample ID: 880-26283-8
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/27/23 10:15	03/29/23 05:56	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/27/23 10:15	03/29/23 05:56	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/27/23 10:15	03/29/23 05:56	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/27/23 10:15	03/29/23 05:56	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/27/23 10:15	03/29/23 05:56	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/27/23 10:15	03/29/23 05:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*03/27/23 10:15*	*03/29/23 05:56*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*03/27/23 10:15*	*03/29/23 05:56*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			03/29/23 09:39	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**54.6**		49.9		mg/Kg			03/28/23 09:22	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/27/23 12:41	03/28/23 00:18	1
Diesel Range Organics (Over C10-C28)	**54.6**		49.9		mg/Kg		03/27/23 12:41	03/28/23 00:18	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/27/23 12:41	03/28/23 00:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*117*		*70 - 130*	*03/27/23 12:41*	*03/28/23 00:18*	*1*
o-Terphenyl	*116*		*70 - 130*	*03/27/23 12:41*	*03/28/23 00:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**615**		5.01		mg/Kg			03/28/23 04:06	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26283-1
SDG: Lea County, New Mexico

Client Sample ID: H-9 (0-0.5)

Lab Sample ID: 880-26283-9
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/27/23 10:15	03/29/23 06:16	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/27/23 10:15	03/29/23 06:16	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/27/23 10:15	03/29/23 06:16	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/27/23 10:15	03/29/23 06:16	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/27/23 10:15	03/29/23 06:16	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/27/23 10:15	03/29/23 06:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*65*	*S1-*	*70 - 130*	*03/27/23 10:15*	*03/29/23 06:16*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*03/27/23 10:15*	*03/29/23 06:16*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/29/23 09:39	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/28/23 09:22	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/27/23 12:41	03/28/23 00:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/27/23 12:41	03/28/23 00:39	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/27/23 12:41	03/28/23 00:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*03/27/23 12:41*	*03/28/23 00:39*	*1*
o-Terphenyl	*94*		*70 - 130*	*03/27/23 12:41*	*03/28/23 00:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**179**		5.03		mg/Kg			03/28/23 04:10	1

Client Sample ID: H-10 (0-0.5)

Lab Sample ID: 880-26283-10
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/27/23 10:15	03/29/23 06:37	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/27/23 10:15	03/29/23 06:37	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/27/23 10:15	03/29/23 06:37	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/27/23 10:15	03/29/23 06:37	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/27/23 10:15	03/29/23 06:37	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/27/23 10:15	03/29/23 06:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*03/27/23 10:15*	*03/29/23 06:37*	*1*
1,4-Difluorobenzene (Surr)	*75*		*70 - 130*	*03/27/23 10:15*	*03/29/23 06:37*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26283-1
SDG: Lea County, New Mexico

Client Sample ID: H-10 (0-0.5)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26283-10
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/29/23 09:39	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/28/23 09:22	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/27/23 12:41	03/28/23 01:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/27/23 12:41	03/28/23 01:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/27/23 12:41	03/28/23 01:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*03/27/23 12:41*	*03/28/23 01:00*	*1*
o-Terphenyl	*94*		*70 - 130*	*03/27/23 12:41*	*03/28/23 01:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**381**		5.01		mg/Kg			03/28/23 04:15	1

Client Sample ID: H-11 (0-0.5)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26283-11
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/27/23 10:17	03/29/23 01:50	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/27/23 10:17	03/29/23 01:50	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/27/23 10:17	03/29/23 01:50	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/27/23 10:17	03/29/23 01:50	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/27/23 10:17	03/29/23 01:50	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/27/23 10:17	03/29/23 01:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*03/27/23 10:17*	*03/29/23 01:50*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*03/27/23 10:17*	*03/29/23 01:50*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/29/23 11:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/28/23 09:22	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/27/23 12:41	03/28/23 01:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/27/23 12:41	03/28/23 01:42	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26283-1
SDG: Lea County, New Mexico

Client Sample ID: H-11 (0-0.5)

Lab Sample ID: 880-26283-11
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/27/23 12:41	03/28/23 01:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*80*		*70 - 130*	*03/27/23 12:41*	*03/28/23 01:42*	*1*
o-Terphenyl	*85*		*70 - 130*	*03/27/23 12:41*	*03/28/23 01:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**574**		5.03		mg/Kg			03/26/23 19:08	1

Client Sample ID: H-12 (0-0.5)

Lab Sample ID: 880-26283-12
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/27/23 10:17	03/29/23 02:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/27/23 10:17	03/29/23 02:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/27/23 10:17	03/29/23 02:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/27/23 10:17	03/29/23 02:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/27/23 10:17	03/29/23 02:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/27/23 10:17	03/29/23 02:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*03/27/23 10:17*	*03/29/23 02:10*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*03/27/23 10:17*	*03/29/23 02:10*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/29/23 11:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**124**		50.0		mg/Kg			03/28/23 09:22	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/27/23 12:41	03/28/23 02:03	1
Diesel Range Organics (Over C10-C28)	**124**		50.0		mg/Kg		03/27/23 12:41	03/28/23 02:03	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/27/23 12:41	03/28/23 02:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*83*		*70 - 130*	*03/27/23 12:41*	*03/28/23 02:03*	*1*
o-Terphenyl	*87*		*70 - 130*	*03/27/23 12:41*	*03/28/23 02:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**592**		5.02		mg/Kg			03/26/23 19:13	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26283-1
SDG: Lea County, New Mexico

Client Sample ID: H-13 (0-0.5)

Lab Sample ID: 880-26283-13
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/27/23 10:17	03/29/23 02:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/27/23 10:17	03/29/23 02:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/27/23 10:17	03/29/23 02:31	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/27/23 10:17	03/29/23 02:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/27/23 10:17	03/29/23 02:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/27/23 10:17	03/29/23 02:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*03/27/23 10:17*	*03/29/23 02:31*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*03/27/23 10:17*	*03/29/23 02:31*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/29/23 11:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/28/23 09:22	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/27/23 12:41	03/28/23 02:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/27/23 12:41	03/28/23 02:25	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/27/23 12:41	03/28/23 02:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 130*	*03/27/23 12:41*	*03/28/23 02:25*	*1*
o-Terphenyl	*89*		*70 - 130*	*03/27/23 12:41*	*03/28/23 02:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**18.4**		5.01		mg/Kg			03/26/23 19:17	1

Client Sample ID: H-14 (0-0.5)

Lab Sample ID: 880-26283-14
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/27/23 10:17	03/29/23 02:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/27/23 10:17	03/29/23 02:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/27/23 10:17	03/29/23 02:51	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/27/23 10:17	03/29/23 02:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/27/23 10:17	03/29/23 02:51	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/27/23 10:17	03/29/23 02:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*03/27/23 10:17*	*03/29/23 02:51*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*03/27/23 10:17*	*03/29/23 02:51*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26283-1
SDG: Lea County, New Mexico

Client Sample ID: H-14 (0-0.5)

Lab Sample ID: 880-26283-14
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/29/23 11:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/28/23 09:22	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/27/23 12:41	03/28/23 02:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/27/23 12:41	03/28/23 02:46	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/27/23 12:41	03/28/23 02:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*82*		*70 - 130*	*03/27/23 12:41*	*03/28/23 02:46*	*1*
o-Terphenyl	*87*		*70 - 130*	*03/27/23 12:41*	*03/28/23 02:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**294**		4.97		mg/Kg			03/26/23 19:31	1

Client Sample ID: H-15 (0-0.5)

Lab Sample ID: 880-26283-15
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/27/23 10:17	03/29/23 03:12	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/27/23 10:17	03/29/23 03:12	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/27/23 10:17	03/29/23 03:12	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/27/23 10:17	03/29/23 03:12	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/27/23 10:17	03/29/23 03:12	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/27/23 10:17	03/29/23 03:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*03/27/23 10:17*	*03/29/23 03:12*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*03/27/23 10:17*	*03/29/23 03:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/29/23 11:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/28/23 09:22	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/27/23 12:41	03/28/23 03:08	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/27/23 12:41	03/28/23 03:08	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26283-1
SDG: Lea County, New Mexico

Client Sample ID: H-15 (0-0.5)

Lab Sample ID: 880-26283-15
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/27/23 12:41	03/28/23 03:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*84*		*70 - 130*	*03/27/23 12:41*	*03/28/23 03:08*	*1*
o-Terphenyl	*89*		*70 - 130*	*03/27/23 12:41*	*03/28/23 03:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**66.6**		4.98		mg/Kg			03/26/23 19:35	1

Client Sample ID: H-16 (0-0.5)

Lab Sample ID: 880-26283-16
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/27/23 10:17	03/29/23 03:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/27/23 10:17	03/29/23 03:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/27/23 10:17	03/29/23 03:32	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/27/23 10:17	03/29/23 03:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/27/23 10:17	03/29/23 03:32	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/27/23 10:17	03/29/23 03:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*03/27/23 10:17*	*03/29/23 03:32*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*03/27/23 10:17*	*03/29/23 03:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			03/29/23 11:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**267**		50.0		mg/Kg			03/28/23 09:22	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/27/23 12:41	03/28/23 03:30	1
Diesel Range Organics (Over C10-C28)	**267**		50.0		mg/Kg		03/27/23 12:41	03/28/23 03:30	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/27/23 12:41	03/28/23 03:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*03/27/23 12:41*	*03/28/23 03:30*	*1*
o-Terphenyl	*101*		*70 - 130*	*03/27/23 12:41*	*03/28/23 03:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**619**		4.95		mg/Kg			03/26/23 19:49	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26283-1
SDG: Lea County, New Mexico

Client Sample ID: H-17 (0-0.5)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26283-17

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/27/23 10:17	03/29/23 03:53	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/27/23 10:17	03/29/23 03:53	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/27/23 10:17	03/29/23 03:53	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/27/23 10:17	03/29/23 03:53	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/27/23 10:17	03/29/23 03:53	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/27/23 10:17	03/29/23 03:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*03/27/23 10:17*	*03/29/23 03:53*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*03/27/23 10:17*	*03/29/23 03:53*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/29/23 11:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/28/23 09:22	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/27/23 12:41	03/28/23 03:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/27/23 12:41	03/28/23 03:52	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/27/23 12:41	03/28/23 03:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*03/27/23 12:41*	*03/28/23 03:52*	*1*
o-Terphenyl	*104*		*70 - 130*	*03/27/23 12:41*	*03/28/23 03:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**914**		4.95		mg/Kg			03/26/23 19:54	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26283-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) BFB1 (70-130)	DFBZ1 (70-130)
880-26283-1	H-1 (0-0.5)	83	68 S1-
880-26283-2	H-2 (0-0.5)	98	68 S1-
880-26283-3	H-3 (0-0.5)	101	81
880-26283-4	H-4 (0-0.5)	86	71
880-26283-5	H-5 (0-0.5)	62 S1-	74
880-26283-6	H-6 (0-0.5)	91	76
880-26283-7	H-7 (0-0.5)	86	69 S1-
880-26283-8	H-8 (0-0.5)	100	98
880-26283-9	H-9 (0-0.5)	65 S1-	94
880-26283-10	H-10 (0-0.5)	92	75
880-26283-11	H-11 (0-0.5)	98	102
880-26283-11 MS	H-11 (0-0.5)	105	109
880-26283-11 MSD	H-11 (0-0.5)	97	110
880-26283-12	H-12 (0-0.5)	106	104
880-26283-13	H-13 (0-0.5)	100	105
880-26283-14	H-14 (0-0.5)	107	106
880-26283-15	H-15 (0-0.5)	102	104
880-26283-16	H-16 (0-0.5)	106	108
880-26283-17	H-17 (0-0.5)	104	105
880-26355-A-21-D MS	Matrix Spike	118	109
880-26355-A-21-E MSD	Matrix Spike Duplicate	91	120
LCS 880-49586/1-A	Lab Control Sample	124	109
LCS 880-49588/1-A	Lab Control Sample	98	109
LCSD 880-49586/2-A	Lab Control Sample Dup	115	110
LCSD 880-49588/2-A	Lab Control Sample Dup	98	114
MB 880-49414/5-A	Method Blank	72	97
MB 880-49426/5-A	Method Blank	88	100
MB 880-49586/5-A	Method Blank	78	80
MB 880-49588/5-A	Method Blank	91	101

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) 1CO1 (70-130)	OTPH1 (70-130)
880-26283-1	H-1 (0-0.5)	103	106
880-26283-1 MS	H-1 (0-0.5)	119	97
880-26283-1 MSD	H-1 (0-0.5)	92	89
880-26283-2	H-2 (0-0.5)	113	113
880-26283-3	H-3 (0-0.5)	103	105
880-26283-4	H-4 (0-0.5)	109	110
880-26283-5	H-5 (0-0.5)	97	97
880-26283-6	H-6 (0-0.5)	90	91
880-26283-7	H-7 (0-0.5)	111	114
880-26283-8	H-8 (0-0.5)	117	116

Surrogate Summary

Client: Carmona Resources Job ID: 880-26283-1
Project/Site: Lacey Swiss 1 Fed Com 707H SDG: Lea County, New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)								
880-26283-9	H-9 (0-0.5)	95	94								
880-26283-10	H-10 (0-0.5)	93	94								
880-26283-11	H-11 (0-0.5)	80	85								
880-26283-12	H-12 (0-0.5)	83	87								
880-26283-13	H-13 (0-0.5)	87	89								
880-26283-14	H-14 (0-0.5)	82	87								
880-26283-15	H-15 (0-0.5)	84	89								
880-26283-16	H-16 (0-0.5)	100	101								
880-26283-17	H-17 (0-0.5)	103	104								
LCS 880-49629/2-A	Lab Control Sample	93	103								
LCSD 880-49629/3-A	Lab Control Sample Dup	96	100								
MB 880-49629/1-A	Method Blank	105	112								

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26283-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-49414/5-A
Matrix: Solid
Analysis Batch: 49684

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 49414

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/24/23 12:44	03/28/23 11:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/24/23 12:44	03/28/23 11:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/24/23 12:44	03/28/23 11:19	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/24/23 12:44	03/28/23 11:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/24/23 12:44	03/28/23 11:19	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/24/23 12:44	03/28/23 11:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*72*		*70 - 130*	*03/24/23 12:44*	*03/28/23 11:19*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*03/24/23 12:44*	*03/28/23 11:19*	*1*

Lab Sample ID: MB 880-49426/5-A
Matrix: Solid
Analysis Batch: 49711

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 49426

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/24/23 13:21	03/28/23 13:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/24/23 13:21	03/28/23 13:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/24/23 13:21	03/28/23 13:04	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/24/23 13:21	03/28/23 13:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/24/23 13:21	03/28/23 13:04	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/24/23 13:21	03/28/23 13:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*03/24/23 13:21*	*03/28/23 13:04*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*03/24/23 13:21*	*03/28/23 13:04*	*1*

Lab Sample ID: MB 880-49586/5-A
Matrix: Solid
Analysis Batch: 49684

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 49586

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/27/23 10:15	03/28/23 22:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/27/23 10:15	03/28/23 22:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/27/23 10:15	03/28/23 22:45	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/27/23 10:15	03/28/23 22:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/27/23 10:15	03/28/23 22:45	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/27/23 10:15	03/28/23 22:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*78*		*70 - 130*	*03/27/23 10:15*	*03/28/23 22:45*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*03/27/23 10:15*	*03/28/23 22:45*	*1*

QC Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26283-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-49586/1-A
Matrix: Solid
Analysis Batch: 49684

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 49586

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1064		mg/Kg		106	70 - 130		
Toluene			0.100	0.1067		mg/Kg		107	70 - 130		
Ethylbenzene			0.100	0.1165		mg/Kg		116	70 - 130		
m-Xylene & p-Xylene			0.200	0.2491		mg/Kg		125	70 - 130		
o-Xylene			0.100	0.1271		mg/Kg		127	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*

Lab Sample ID: LCSD 880-49586/2-A
Matrix: Solid
Analysis Batch: 49684

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 49586

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1006		mg/Kg		101	70 - 130	6	35
Toluene			0.100	0.09584		mg/Kg		96	70 - 130	11	35
Ethylbenzene			0.100	0.1011		mg/Kg		101	70 - 130	14	35
m-Xylene & p-Xylene			0.200	0.2141		mg/Kg		107	70 - 130	15	35
o-Xylene			0.100	0.1093		mg/Kg		109	70 - 130	15	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*

Lab Sample ID: 880-26355-A-21-D MS
Matrix: Solid
Analysis Batch: 49684

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 49586

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.0998	0.07640		mg/Kg		77	70 - 130		
Toluene	<0.00200	U	0.0998	0.07566		mg/Kg		76	70 - 130		
Ethylbenzene	<0.00200	U F1	0.0998	0.08141		mg/Kg		82	70 - 130		
m-Xylene & p-Xylene	<0.00401	U F1	0.200	0.1627		mg/Kg		81	70 - 130		
o-Xylene	<0.00200	U F1	0.0998	0.08146		mg/Kg		82	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*

Lab Sample ID: 880-26355-A-21-E MSD
Matrix: Solid
Analysis Batch: 49684

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 49586

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0990	0.09687		mg/Kg		98	70 - 130	24	35
Toluene	<0.00200	U	0.0990	0.07721		mg/Kg		78	70 - 130	2	35
Ethylbenzene	<0.00200	U F1	0.0990	0.06803	F1	mg/Kg		69	70 - 130	18	35

QC Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26283-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-26355-A-21-E MSD
Matrix: Solid
Analysis Batch: 49684

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 49586

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00401	U F1	0.198	0.1312	F1	mg/Kg		66	70 - 130	21	35
o-Xylene	<0.00200	U F1	0.0990	0.06454	F1	mg/Kg		65	70 - 130	23	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*
1,4-Difluorobenzene (Surr)	*120*		*70 - 130*

Lab Sample ID: MB 880-49588/5-A
Matrix: Solid
Analysis Batch: 49711

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 49588

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/27/23 10:17	03/29/23 01:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/27/23 10:17	03/29/23 01:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/27/23 10:17	03/29/23 01:21	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/27/23 10:17	03/29/23 01:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/27/23 10:17	03/29/23 01:21	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/27/23 10:17	03/29/23 01:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*03/27/23 10:17*	*03/29/23 01:21*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*03/27/23 10:17*	*03/29/23 01:21*	*1*

Lab Sample ID: LCS 880-49588/1-A
Matrix: Solid
Analysis Batch: 49711

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 49588

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1046		mg/Kg		105	70 - 130
Toluene	0.100	0.1024		mg/Kg		102	70 - 130
Ethylbenzene	0.100	0.09207		mg/Kg		92	70 - 130
m-Xylene & p-Xylene	0.200	0.1805		mg/Kg		90	70 - 130
o-Xylene	0.100	0.09088		mg/Kg		91	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*

Lab Sample ID: LCSD 880-49588/2-A
Matrix: Solid
Analysis Batch: 49711

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 49588

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1050		mg/Kg		105	70 - 130	0	35
Toluene	0.100	0.1014		mg/Kg		101	70 - 130	1	35
Ethylbenzene	0.100	0.09277		mg/Kg		93	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.1818		mg/Kg		91	70 - 130	1	35
o-Xylene	0.100	0.09215		mg/Kg		92	70 - 130	1	35

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26283-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	114		70 - 130

Lab Sample ID: 880-26283-11 MS — **Client Sample ID: H-11 (0-0.5)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 49711 — **Prep Batch: 49588**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00201	U	0.0998	0.1012		mg/Kg		101	70 - 130		
Toluene	<0.00201	U	0.0998	0.09899		mg/Kg		98	70 - 130		
Ethylbenzene	<0.00201	U	0.0998	0.08616		mg/Kg		86	70 - 130		
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1688		mg/Kg		85	70 - 130		
o-Xylene	<0.00201	U	0.0998	0.08548		mg/Kg		86	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: 880-26283-11 MSD — **Client Sample ID: H-11 (0-0.5)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 49711 — **Prep Batch: 49588**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0990	0.09731		mg/Kg		98	70 - 130	4	35
Toluene	<0.00201	U	0.0990	0.09190		mg/Kg		92	70 - 130	7	35
Ethylbenzene	<0.00201	U	0.0990	0.08296		mg/Kg		84	70 - 130	4	35
m-Xylene & p-Xylene	<0.00402	U	0.198	0.1625		mg/Kg		82	70 - 130	4	35
o-Xylene	<0.00201	U	0.0990	0.08292		mg/Kg		84	70 - 130	3	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-49629/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 49557 — **Prep Batch: 49629**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/27/23 12:41	03/27/23 20:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/27/23 12:41	03/27/23 20:02	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/27/23 12:41	03/27/23 20:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	03/27/23 12:41	03/27/23 20:02	1
o-Terphenyl	112		70 - 130	03/27/23 12:41	03/27/23 20:02	1

QC Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26283-1
SDG: Lea County, New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-49629/2-A
Matrix: Solid
Analysis Batch: 49557

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 49629

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	877.1		mg/Kg		88	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	862.2		mg/Kg		86	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*93*		*70 - 130*
o-Terphenyl	*103*		*70 - 130*

Lab Sample ID: LCSD 880-49629/3-A
Matrix: Solid
Analysis Batch: 49557

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 49629

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	943.1		mg/Kg		94	70 - 130	7	20
Diesel Range Organics (Over C10-C28)			1000	845.1		mg/Kg		85	70 - 130	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*96*		*70 - 130*
o-Terphenyl	*100*		*70 - 130*

Lab Sample ID: 880-26283-1 MS
Matrix: Solid
Analysis Batch: 49557

Client Sample ID: H-1 (0-0.5)
Prep Type: Total/NA
Prep Batch: 49629

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F2	998	1169		mg/Kg		115	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	998	1042		mg/Kg		104	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*119*		*70 - 130*
o-Terphenyl	*97*		*70 - 130*

Lab Sample ID: 880-26283-1 MSD
Matrix: Solid
Analysis Batch: 49557

Client Sample ID: H-1 (0-0.5)
Prep Type: Total/NA
Prep Batch: 49629

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F2	999	845.1	F2	mg/Kg		82	70 - 130	32	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	951.7		mg/Kg		95	70 - 130	9	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*92*		*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26283-1
SDG: Lea County, New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-26283-1 MSD
Matrix: Solid
Analysis Batch: 49557

Client Sample ID: H-1 (0-0.5)
Prep Type: Total/NA
Prep Batch: 49629

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl	89		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-49538/1-A
Matrix: Solid
Analysis Batch: 49539

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			03/26/23 18:18	1

Lab Sample ID: LCS 880-49538/2-A
Matrix: Solid
Analysis Batch: 49539

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	258.5		mg/Kg		103	90 - 110		

Lab Sample ID: LCSD 880-49538/3-A
Matrix: Solid
Analysis Batch: 49539

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	261.2		mg/Kg		104	90 - 110	1	20

Lab Sample ID: 880-26283-13 MS
Matrix: Solid
Analysis Batch: 49539

Client Sample ID: H-13 (0-0.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	18.4		251	278.2		mg/Kg		104	90 - 110		

Lab Sample ID: 880-26283-13 MSD
Matrix: Solid
Analysis Batch: 49539

Client Sample ID: H-13 (0-0.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	18.4		251	284.1		mg/Kg		106	90 - 110	2	20

Lab Sample ID: MB 880-49612/1-A
Matrix: Solid
Analysis Batch: 49760

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			03/28/23 01:58	1

QC Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26283-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-49612/2-A
Matrix: Solid
Analysis Batch: 49760

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	258.7		mg/Kg		103	90 - 110		

Lab Sample ID: LCSD 880-49612/3-A
Matrix: Solid
Analysis Batch: 49760

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	253.7		mg/Kg		101	90 - 110	2	20

Lab Sample ID: 880-26283-1 MS
Matrix: Solid
Analysis Batch: 49760

Client Sample ID: H-1 (0-0.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	109	F1	250	389.4	F1	mg/Kg		113	90 - 110		

Lab Sample ID: 880-26283-1 MSD
Matrix: Solid
Analysis Batch: 49760

Client Sample ID: H-1 (0-0.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	109	F1	250	383.2		mg/Kg		110	90 - 110	2	20

QC Association Summary

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26283-1
SDG: Lea County, New Mexico

GC VOA

Prep Batch: 49414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-49414/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 49426

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-49426/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 49586

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26283-1	H-1 (0-0.5)	Total/NA	Solid	5035	
880-26283-2	H-2 (0-0.5)	Total/NA	Solid	5035	
880-26283-3	H-3 (0-0.5)	Total/NA	Solid	5035	
880-26283-4	H-4 (0-0.5)	Total/NA	Solid	5035	
880-26283-5	H-5 (0-0.5)	Total/NA	Solid	5035	
880-26283-6	H-6 (0-0.5)	Total/NA	Solid	5035	
880-26283-7	H-7 (0-0.5)	Total/NA	Solid	5035	
880-26283-8	H-8 (0-0.5)	Total/NA	Solid	5035	
880-26283-9	H-9 (0-0.5)	Total/NA	Solid	5035	
880-26283-10	H-10 (0-0.5)	Total/NA	Solid	5035	
MB 880-49586/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-49586/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-49586/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-26355-A-21-D MS	Matrix Spike	Total/NA	Solid	5035	
880-26355-A-21-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 49588

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26283-11	H-11 (0-0.5)	Total/NA	Solid	5035	
880-26283-12	H-12 (0-0.5)	Total/NA	Solid	5035	
880-26283-13	H-13 (0-0.5)	Total/NA	Solid	5035	
880-26283-14	H-14 (0-0.5)	Total/NA	Solid	5035	
880-26283-15	H-15 (0-0.5)	Total/NA	Solid	5035	
880-26283-16	H-16 (0-0.5)	Total/NA	Solid	5035	
880-26283-17	H-17 (0-0.5)	Total/NA	Solid	5035	
MB 880-49588/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-49588/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-49588/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-26283-11 MS	H-11 (0-0.5)	Total/NA	Solid	5035	
880-26283-11 MSD	H-11 (0-0.5)	Total/NA	Solid	5035	

Analysis Batch: 49684

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26283-1	H-1 (0-0.5)	Total/NA	Solid	8021B	49586
880-26283-2	H-2 (0-0.5)	Total/NA	Solid	8021B	49586
880-26283-3	H-3 (0-0.5)	Total/NA	Solid	8021B	49586
880-26283-4	H-4 (0-0.5)	Total/NA	Solid	8021B	49586
880-26283-5	H-5 (0-0.5)	Total/NA	Solid	8021B	49586
880-26283-6	H-6 (0-0.5)	Total/NA	Solid	8021B	49586
880-26283-7	H-7 (0-0.5)	Total/NA	Solid	8021B	49586
880-26283-8	H-8 (0-0.5)	Total/NA	Solid	8021B	49586
880-26283-9	H-9 (0-0.5)	Total/NA	Solid	8021B	49586
880-26283-10	H-10 (0-0.5)	Total/NA	Solid	8021B	49586

QC Association Summary

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26283-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 49684 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-49414/5-A	Method Blank	Total/NA	Solid	8021B	49414
MB 880-49586/5-A	Method Blank	Total/NA	Solid	8021B	49586
LCS 880-49586/1-A	Lab Control Sample	Total/NA	Solid	8021B	49586
LCSD 880-49586/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	49586
880-26355-A-21-D MS	Matrix Spike	Total/NA	Solid	8021B	49586
880-26355-A-21-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	49586

Analysis Batch: 49711

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26283-11	H-11 (0-0.5)	Total/NA	Solid	8021B	49588
880-26283-12	H-12 (0-0.5)	Total/NA	Solid	8021B	49588
880-26283-13	H-13 (0-0.5)	Total/NA	Solid	8021B	49588
880-26283-14	H-14 (0-0.5)	Total/NA	Solid	8021B	49588
880-26283-15	H-15 (0-0.5)	Total/NA	Solid	8021B	49588
880-26283-16	H-16 (0-0.5)	Total/NA	Solid	8021B	49588
880-26283-17	H-17 (0-0.5)	Total/NA	Solid	8021B	49588
MB 880-49426/5-A	Method Blank	Total/NA	Solid	8021B	49426
MB 880-49588/5-A	Method Blank	Total/NA	Solid	8021B	49588
LCS 880-49588/1-A	Lab Control Sample	Total/NA	Solid	8021B	49588
LCSD 880-49588/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	49588
880-26283-11 MS	H-11 (0-0.5)	Total/NA	Solid	8021B	49588
880-26283-11 MSD	H-11 (0-0.5)	Total/NA	Solid	8021B	49588

Analysis Batch: 49801

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26283-1	H-1 (0-0.5)	Total/NA	Solid	Total BTEX	
880-26283-2	H-2 (0-0.5)	Total/NA	Solid	Total BTEX	
880-26283-3	H-3 (0-0.5)	Total/NA	Solid	Total BTEX	
880-26283-4	H-4 (0-0.5)	Total/NA	Solid	Total BTEX	
880-26283-5	H-5 (0-0.5)	Total/NA	Solid	Total BTEX	
880-26283-6	H-6 (0-0.5)	Total/NA	Solid	Total BTEX	
880-26283-7	H-7 (0-0.5)	Total/NA	Solid	Total BTEX	
880-26283-8	H-8 (0-0.5)	Total/NA	Solid	Total BTEX	
880-26283-9	H-9 (0-0.5)	Total/NA	Solid	Total BTEX	
880-26283-10	H-10 (0-0.5)	Total/NA	Solid	Total BTEX	
880-26283-11	H-11 (0-0.5)	Total/NA	Solid	Total BTEX	
880-26283-12	H-12 (0-0.5)	Total/NA	Solid	Total BTEX	
880-26283-13	H-13 (0-0.5)	Total/NA	Solid	Total BTEX	
880-26283-14	H-14 (0-0.5)	Total/NA	Solid	Total BTEX	
880-26283-15	H-15 (0-0.5)	Total/NA	Solid	Total BTEX	
880-26283-16	H-16 (0-0.5)	Total/NA	Solid	Total BTEX	
880-26283-17	H-17 (0-0.5)	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 49557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26283-1	H-1 (0-0.5)	Total/NA	Solid	8015B NM	49629
880-26283-2	H-2 (0-0.5)	Total/NA	Solid	8015B NM	49629
880-26283-3	H-3 (0-0.5)	Total/NA	Solid	8015B NM	49629
880-26283-4	H-4 (0-0.5)	Total/NA	Solid	8015B NM	49629

QC Association Summary

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26283-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 49557 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26283-5	H-5 (0-0.5)	Total/NA	Solid	8015B NM	49629
880-26283-6	H-6 (0-0.5)	Total/NA	Solid	8015B NM	49629
880-26283-7	H-7 (0-0.5)	Total/NA	Solid	8015B NM	49629
880-26283-8	H-8 (0-0.5)	Total/NA	Solid	8015B NM	49629
880-26283-9	H-9 (0-0.5)	Total/NA	Solid	8015B NM	49629
880-26283-10	H-10 (0-0.5)	Total/NA	Solid	8015B NM	49629
880-26283-11	H-11 (0-0.5)	Total/NA	Solid	8015B NM	49629
880-26283-12	H-12 (0-0.5)	Total/NA	Solid	8015B NM	49629
880-26283-13	H-13 (0-0.5)	Total/NA	Solid	8015B NM	49629
880-26283-14	H-14 (0-0.5)	Total/NA	Solid	8015B NM	49629
880-26283-15	H-15 (0-0.5)	Total/NA	Solid	8015B NM	49629
880-26283-16	H-16 (0-0.5)	Total/NA	Solid	8015B NM	49629
880-26283-17	H-17 (0-0.5)	Total/NA	Solid	8015B NM	49629
MB 880-49629/1-A	Method Blank	Total/NA	Solid	8015B NM	49629
LCS 880-49629/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	49629
LCSD 880-49629/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	49629
880-26283-1 MS	H-1 (0-0.5)	Total/NA	Solid	8015B NM	49629
880-26283-1 MSD	H-1 (0-0.5)	Total/NA	Solid	8015B NM	49629

Prep Batch: 49629

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26283-1	H-1 (0-0.5)	Total/NA	Solid	8015NM Prep	
880-26283-2	H-2 (0-0.5)	Total/NA	Solid	8015NM Prep	
880-26283-3	H-3 (0-0.5)	Total/NA	Solid	8015NM Prep	
880-26283-4	H-4 (0-0.5)	Total/NA	Solid	8015NM Prep	
880-26283-5	H-5 (0-0.5)	Total/NA	Solid	8015NM Prep	
880-26283-6	H-6 (0-0.5)	Total/NA	Solid	8015NM Prep	
880-26283-7	H-7 (0-0.5)	Total/NA	Solid	8015NM Prep	
880-26283-8	H-8 (0-0.5)	Total/NA	Solid	8015NM Prep	
880-26283-9	H-9 (0-0.5)	Total/NA	Solid	8015NM Prep	
880-26283-10	H-10 (0-0.5)	Total/NA	Solid	8015NM Prep	
880-26283-11	H-11 (0-0.5)	Total/NA	Solid	8015NM Prep	
880-26283-12	H-12 (0-0.5)	Total/NA	Solid	8015NM Prep	
880-26283-13	H-13 (0-0.5)	Total/NA	Solid	8015NM Prep	
880-26283-14	H-14 (0-0.5)	Total/NA	Solid	8015NM Prep	
880-26283-15	H-15 (0-0.5)	Total/NA	Solid	8015NM Prep	
880-26283-16	H-16 (0-0.5)	Total/NA	Solid	8015NM Prep	
880-26283-17	H-17 (0-0.5)	Total/NA	Solid	8015NM Prep	
MB 880-49629/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-49629/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-49629/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-26283-1 MS	H-1 (0-0.5)	Total/NA	Solid	8015NM Prep	
880-26283-1 MSD	H-1 (0-0.5)	Total/NA	Solid	8015NM Prep	

Analysis Batch: 49700

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26283-1	H-1 (0-0.5)	Total/NA	Solid	8015 NM	
880-26283-2	H-2 (0-0.5)	Total/NA	Solid	8015 NM	
880-26283-3	H-3 (0-0.5)	Total/NA	Solid	8015 NM	
880-26283-4	H-4 (0-0.5)	Total/NA	Solid	8015 NM	
880-26283-5	H-5 (0-0.5)	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26283-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 49700 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26283-6	H-6 (0-0.5)	Total/NA	Solid	8015 NM	
880-26283-7	H-7 (0-0.5)	Total/NA	Solid	8015 NM	
880-26283-8	H-8 (0-0.5)	Total/NA	Solid	8015 NM	
880-26283-9	H-9 (0-0.5)	Total/NA	Solid	8015 NM	
880-26283-10	H-10 (0-0.5)	Total/NA	Solid	8015 NM	
880-26283-11	H-11 (0-0.5)	Total/NA	Solid	8015 NM	
880-26283-12	H-12 (0-0.5)	Total/NA	Solid	8015 NM	
880-26283-13	H-13 (0-0.5)	Total/NA	Solid	8015 NM	
880-26283-14	H-14 (0-0.5)	Total/NA	Solid	8015 NM	
880-26283-15	H-15 (0-0.5)	Total/NA	Solid	8015 NM	
880-26283-16	H-16 (0-0.5)	Total/NA	Solid	8015 NM	
880-26283-17	H-17 (0-0.5)	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 49538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26283-11	H-11 (0-0.5)	Soluble	Solid	DI Leach	
880-26283-12	H-12 (0-0.5)	Soluble	Solid	DI Leach	
880-26283-13	H-13 (0-0.5)	Soluble	Solid	DI Leach	
880-26283-14	H-14 (0-0.5)	Soluble	Solid	DI Leach	
880-26283-15	H-15 (0-0.5)	Soluble	Solid	DI Leach	
880-26283-16	H-16 (0-0.5)	Soluble	Solid	DI Leach	
880-26283-17	H-17 (0-0.5)	Soluble	Solid	DI Leach	
MB 880-49538/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-49538/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-49538/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-26283-13 MS	H-13 (0-0.5)	Soluble	Solid	DI Leach	
880-26283-13 MSD	H-13 (0-0.5)	Soluble	Solid	DI Leach	

Analysis Batch: 49539

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26283-11	H-11 (0-0.5)	Soluble	Solid	300.0	49538
880-26283-12	H-12 (0-0.5)	Soluble	Solid	300.0	49538
880-26283-13	H-13 (0-0.5)	Soluble	Solid	300.0	49538
880-26283-14	H-14 (0-0.5)	Soluble	Solid	300.0	49538
880-26283-15	H-15 (0-0.5)	Soluble	Solid	300.0	49538
880-26283-16	H-16 (0-0.5)	Soluble	Solid	300.0	49538
880-26283-17	H-17 (0-0.5)	Soluble	Solid	300.0	49538
MB 880-49538/1-A	Method Blank	Soluble	Solid	300.0	49538
LCS 880-49538/2-A	Lab Control Sample	Soluble	Solid	300.0	49538
LCSD 880-49538/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	49538
880-26283-13 MS	H-13 (0-0.5)	Soluble	Solid	300.0	49538
880-26283-13 MSD	H-13 (0-0.5)	Soluble	Solid	300.0	49538

Leach Batch: 49612

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26283-1	H-1 (0-0.5)	Soluble	Solid	DI Leach	
880-26283-2	H-2 (0-0.5)	Soluble	Solid	DI Leach	
880-26283-3	H-3 (0-0.5)	Soluble	Solid	DI Leach	
880-26283-4	H-4 (0-0.5)	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26283-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 49612 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26283-5	H-5 (0-0.5)	Soluble	Solid	DI Leach	
880-26283-6	H-6 (0-0.5)	Soluble	Solid	DI Leach	
880-26283-7	H-7 (0-0.5)	Soluble	Solid	DI Leach	
880-26283-8	H-8 (0-0.5)	Soluble	Solid	DI Leach	
880-26283-9	H-9 (0-0.5)	Soluble	Solid	DI Leach	
880-26283-10	H-10 (0-0.5)	Soluble	Solid	DI Leach	
MB 880-49612/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-49612/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-49612/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-26283-1 MS	H-1 (0-0.5)	Soluble	Solid	DI Leach	
880-26283-1 MSD	H-1 (0-0.5)	Soluble	Solid	DI Leach	

Analysis Batch: 49760

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26283-1	H-1 (0-0.5)	Soluble	Solid	300.0	49612
880-26283-2	H-2 (0-0.5)	Soluble	Solid	300.0	49612
880-26283-3	H-3 (0-0.5)	Soluble	Solid	300.0	49612
880-26283-4	H-4 (0-0.5)	Soluble	Solid	300.0	49612
880-26283-5	H-5 (0-0.5)	Soluble	Solid	300.0	49612
880-26283-6	H-6 (0-0.5)	Soluble	Solid	300.0	49612
880-26283-7	H-7 (0-0.5)	Soluble	Solid	300.0	49612
880-26283-8	H-8 (0-0.5)	Soluble	Solid	300.0	49612
880-26283-9	H-9 (0-0.5)	Soluble	Solid	300.0	49612
880-26283-10	H-10 (0-0.5)	Soluble	Solid	300.0	49612
MB 880-49612/1-A	Method Blank	Soluble	Solid	300.0	49612
LCS 880-49612/2-A	Lab Control Sample	Soluble	Solid	300.0	49612
LCSD 880-49612/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	49612
880-26283-1 MS	H-1 (0-0.5)	Soluble	Solid	300.0	49612
880-26283-1 MSD	H-1 (0-0.5)	Soluble	Solid	300.0	49612

Lab Chronicle

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26283-1
SDG: Lea County, New Mexico

Client Sample ID: H-1 (0-0.5)

Lab Sample ID: 880-26283-1
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	49586	03/27/23 10:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49684	03/29/23 03:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49801	03/29/23 09:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			49700	03/28/23 09:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	49629	03/27/23 12:41	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49557	03/27/23 21:06	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	49612	03/27/23 10:42	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49760	03/28/23 03:16	SMC	EET MID

Client Sample ID: H-2 (0-0.5)

Lab Sample ID: 880-26283-2
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	49586	03/27/23 10:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49684	03/29/23 03:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49801	03/29/23 09:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			49700	03/28/23 09:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49629	03/27/23 12:41	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49557	03/27/23 22:10	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	49612	03/27/23 10:42	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49760	03/28/23 03:29	SMC	EET MID

Client Sample ID: H-3 (0-0.5)

Lab Sample ID: 880-26283-3
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	49586	03/27/23 10:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49684	03/29/23 04:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49801	03/29/23 09:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			49700	03/28/23 09:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49629	03/27/23 12:41	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49557	03/27/23 22:31	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	49612	03/27/23 10:42	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49760	03/28/23 03:34	SMC	EET MID

Client Sample ID: H-4 (0-0.5)

Lab Sample ID: 880-26283-4
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	49586	03/27/23 10:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49684	03/29/23 04:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49801	03/29/23 09:39	SM	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26283-1
SDG: Lea County, New Mexico

Client Sample ID: H-4 (0-0.5)

Lab Sample ID: 880-26283-4
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			49700	03/28/23 09:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	49629	03/27/23 12:41	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49557	03/27/23 22:52	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	49612	03/27/23 10:42	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49760	03/28/23 03:48	SMC	EET MID

Client Sample ID: H-5 (0-0.5)

Lab Sample ID: 880-26283-5
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	49586	03/27/23 10:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49684	03/29/23 04:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49801	03/29/23 09:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			49700	03/28/23 09:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49629	03/27/23 12:41	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49557	03/27/23 23:13	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	49612	03/27/23 10:42	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49760	03/28/23 03:52	SMC	EET MID

Client Sample ID: H-6 (0-0.5)

Lab Sample ID: 880-26283-6
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	49586	03/27/23 10:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49684	03/29/23 05:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49801	03/29/23 09:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			49700	03/28/23 09:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49629	03/27/23 12:41	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49557	03/27/23 23:34	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	49612	03/27/23 10:42	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49760	03/28/23 03:57	SMC	EET MID

Client Sample ID: H-7 (0-0.5)

Lab Sample ID: 880-26283-7
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	49586	03/27/23 10:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49684	03/29/23 05:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49801	03/29/23 09:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			49700	03/28/23 09:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49629	03/27/23 12:41	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49557	03/27/23 23:56	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26283-1
SDG: Lea County, New Mexico

Client Sample ID: H-7 (0-0.5)

Lab Sample ID: 880-26283-7
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	49612	03/27/23 10:42	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49760	03/28/23 04:01	SMC	EET MID

Client Sample ID: H-8 (0-0.5)

Lab Sample ID: 880-26283-8
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	49586	03/27/23 10:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49684	03/29/23 05:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49801	03/29/23 09:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			49700	03/28/23 09:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49629	03/27/23 12:41	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49557	03/28/23 00:18	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	49612	03/27/23 10:42	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49760	03/28/23 04:06	SMC	EET MID

Client Sample ID: H-9 (0-0.5)

Lab Sample ID: 880-26283-9
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	49586	03/27/23 10:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49684	03/29/23 06:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49801	03/29/23 09:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			49700	03/28/23 09:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49629	03/27/23 12:41	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49557	03/28/23 00:39	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	49612	03/27/23 10:42	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49760	03/28/23 04:10	SMC	EET MID

Client Sample ID: H-10 (0-0.5)

Lab Sample ID: 880-26283-10
Matrix: Solid
Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	49586	03/27/23 10:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49684	03/29/23 06:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49801	03/29/23 09:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			49700	03/28/23 09:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	49629	03/27/23 12:41	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49557	03/28/23 01:00	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	49612	03/27/23 10:42	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49760	03/28/23 04:15	SMC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26283-1
SDG: Lea County, New Mexico

Client Sample ID: H-11 (0-0.5)

Lab Sample ID: 880-26283-11

Date Collected: 03/21/23 00:00
Matrix: Solid
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	49588	03/27/23 10:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49711	03/29/23 01:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49801	03/29/23 11:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			49700	03/28/23 09:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49629	03/27/23 12:41	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49557	03/28/23 01:42	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	49538	03/26/23 10:33	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49539	03/26/23 19:08	SMC	EET MID

Client Sample ID: H-12 (0-0.5)

Lab Sample ID: 880-26283-12

Date Collected: 03/21/23 00:00
Matrix: Solid
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	49588	03/27/23 10:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49711	03/29/23 02:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49801	03/29/23 11:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			49700	03/28/23 09:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49629	03/27/23 12:41	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49557	03/28/23 02:03	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	49538	03/26/23 10:33	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49539	03/26/23 19:13	SMC	EET MID

Client Sample ID: H-13 (0-0.5)

Lab Sample ID: 880-26283-13

Date Collected: 03/21/23 00:00
Matrix: Solid
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	49588	03/27/23 10:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49711	03/29/23 02:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49801	03/29/23 11:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			49700	03/28/23 09:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49629	03/27/23 12:41	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49557	03/28/23 02:25	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	49538	03/26/23 10:33	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49539	03/26/23 19:17	SMC	EET MID

Client Sample ID: H-14 (0-0.5)

Lab Sample ID: 880-26283-14

Date Collected: 03/21/23 00:00
Matrix: Solid
Date Received: 03/23/23 11:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	49588	03/27/23 10:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49711	03/29/23 02:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49801	03/29/23 11:19	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26283-1
SDG: Lea County, New Mexico

Client Sample ID: H-14 (0-0.5)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26283-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			49700	03/28/23 09:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49629	03/27/23 12:41	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49557	03/28/23 02:46	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	49538	03/26/23 10:33	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49539	03/26/23 19:31	SMC	EET MID

Client Sample ID: H-15 (0-0.5)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26283-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	49588	03/27/23 10:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49711	03/29/23 03:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49801	03/29/23 11:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			49700	03/28/23 09:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	49629	03/27/23 12:41	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49557	03/28/23 03:08	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	49538	03/26/23 10:33	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49539	03/26/23 19:35	SMC	EET MID

Client Sample ID: H-16 (0-0.5)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26283-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	49588	03/27/23 10:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49711	03/29/23 03:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49801	03/29/23 11:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			49700	03/28/23 09:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49629	03/27/23 12:41	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49557	03/28/23 03:30	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	49538	03/26/23 10:33	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49539	03/26/23 19:49	SMC	EET MID

Client Sample ID: H-17 (0-0.5)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26283-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	49588	03/27/23 10:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49711	03/29/23 03:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49801	03/29/23 11:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			49700	03/28/23 09:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49629	03/27/23 12:41	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49557	03/28/23 03:52	SM	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26283-1
SDG: Lea County, New Mexico

Client Sample ID: H-17 (0-0.5)

Date Collected: 03/21/23 00:00
Date Received: 03/23/23 11:43

Lab Sample ID: 880-26283-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	49538	03/26/23 10:33	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49539	03/26/23 19:54	SMC	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26283-1
SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
300.0		Solid	Chloride
8015 NM		Solid	Total TPH
8015B NM	8015NM Prep	Solid	Diesel Range Organics (Over C10-C28)
8015B NM	8015NM Prep	Solid	Gasoline Range Organics (GRO)-C6-C10
8015B NM	8015NM Prep	Solid	OII Range Organics (Over C28-C36)
8021B	5035	Solid	Benzene
8021B	5035	Solid	Ethylbenzene
8021B	5035	Solid	m-Xylene & p-Xylene
8021B	5035	Solid	o-Xylene
8021B	5035	Solid	Toluene
8021B	5035	Solid	Xylenes, Total
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26283-1
SDG: Lea County, New Mexico

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-26283-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-26283-1	H-1 (0-0.5)	Solid	03/21/23 00:00	03/23/23 11:43
880-26283-2	H-2 (0-0.5)	Solid	03/21/23 00:00	03/23/23 11:43
880-26283-3	H-3 (0-0.5)	Solid	03/21/23 00:00	03/23/23 11:43
880-26283-4	H-4 (0-0.5)	Solid	03/21/23 00:00	03/23/23 11:43
880-26283-5	H-5 (0-0.5)	Solid	03/21/23 00:00	03/23/23 11:43
880-26283-6	H-6 (0-0.5)	Solid	03/21/23 00:00	03/23/23 11:43
880-26283-7	H-7 (0-0.5)	Solid	03/21/23 00:00	03/23/23 11:43
880-26283-8	H-8 (0-0.5)	Solid	03/21/23 00:00	03/23/23 11:43
880-26283-9	H-9 (0-0.5)	Solid	03/21/23 00:00	03/23/23 11:43
880-26283-10	H-10 (0-0.5)	Solid	03/21/23 00:00	03/23/23 11:43
880-26283-11	H-11 (0-0.5)	Solid	03/21/23 00:00	03/23/23 11:43
880-26283-12	H-12 (0-0.5)	Solid	03/21/23 00:00	03/23/23 11:43
880-26283-13	H-13 (0-0.5)	Solid	03/21/23 00:00	03/23/23 11:43
880-26283-14	H-14 (0-0.5)	Solid	03/21/23 00:00	03/23/23 11:43
880-26283-15	H-15 (0-0.5)	Solid	03/21/23 00:00	03/23/23 11:43
880-26283-16	H-16 (0-0.5)	Solid	03/21/23 00:00	03/23/23 11:43
880-26283-17	H-17 (0-0.5)	Solid	03/21/23 00:00	03/23/23 11:43

Page 294 of 758

Chain of Custody

Work Order No: 260283

3/29/2023

Page 1 of 2

Project Manager	Conner Moehring	Bill to (if different)	Todd Wells
Company Name	Carmona Resources	Company Name	EOG Resources
Address	310 W Wall St Ste 415	Address	5509 Champions Dr
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland Tx 79706
Phone	432-813-6823	Email	Todd_Wells@eogresources.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

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

Deliverables EDD ☐ ADaPT ☐ Other

Project Name:	Lacey Swiss 1 Fed Com 707H	Turn Around	
Project Number	1219	☐ Routine ☑ Rush	
Project Location	Lea County, New Mexico	Due Date	72 Hours
Sampler's Name	GPJ / MM		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID	DLE
Cooler Custody Seals	Yes No (N/A)	Correction Factor	-0.3
Sample Custody Seals	Yes No (N/A)	Temperature Reading	2.3
Total Containers		Corrected Temperature	2.0

Preservative Codes

None NO; DI Water H_2O; Cool Cool; MeOH Me; HCL HC; HNO_3 HN; H_2SO_4 H_2; NaOH Na; H_3PO_4 HP; $NaHSO_4$ NABIS; $Na_2S_2O_3$ $NaSO_3$; Zn Acetate+NaOH Zn; NaOH+Ascorbic Acid SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300 0	Sample Comments
H-1 (0-0 5)	3/21/2023		X		Grab/	1		X	X	X	402
H-2 (0-0 5)	3/21/2023		X		Grab/	1		X	X	X	
H-3 (0-0 5)	3/21/2023		X		Grab/	1		X	X	X	
H-4 (0-0 5)	3/21/2023		X		Grab/	1		X	X	X	
H-5 (0-0 5)	3/21/2023		X		Grab/	1		X	X	X	
H-6 (0-0 5)	3/21/2023		X		Grab/	1		X	X	X	
H-7 (0-0 5)	3/21/2023		X		Grab/	1		X	X	X	
H-8 (0-0 5)	3/21/2023		X		Grab/	1		X	X	X	
H-9 (0-0 5)	3/21/2023		X		Grab/	1		X	X	X	
H-10 (0-0 5)	3/21/2023		X		Grab/	1		X	X	X	

880-26283 Chain of Custody

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

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
Mona Unos	3-23-23 11:43		

Received by OCD: 7/24/2024 3:36:41 PM

Released to Imaging: 7/30/2024 11:50:05 AM

Page 295 of 758

Chain of Custody

Work Order No: 26283

3/29/2023

Page 2 of 2

Project Manager	Conner Moehring	Bill to (if different)	Todd Wells
Company Name	Carmona Resources	Company Name	EOG Resources
Address.	310 W Wall St Ste 415	Address	5509 Champions Dr
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland, Tx 79706
Phone.	432-813-6823	Email	Todd_Wells@eogresources.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project.

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

Deliverables EDD ☐ ADaPT ☐ Other

Project Name	Lacey Swiss 1 Fed Com 707H	Turn Around	
Project Number	1219	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date	72 Hours
Sampler's Name:	GPJ / MM		
PO #:			

SAMPLE RECEIPT			
Temp Blank.	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID	IR6
Cooler Custody Seals	Yes No (N/A)	Correction Factor	-0.3
Sample Custody Seals.	Yes No (N/A)	Temperature Reading	2.3
Total Containers.		Corrected Temperature.	2.0

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300 0
H-11 (0-0 5)	3/22/2023		X		Grab/	1	X	X	X
H-12 (0-0 5)	3/22/2023		X		Grab/	1	X	X	X
H-13 (0-0 5)	3/22/2023		X		Grab/	1	X	X	X
H-14 (0-0 5)	3/22/2023		X		Grab/	1	X	X	X
H-15 (0-0 5)	3/22/2023		X		Grab/	1	X	X	X
H-16 (0-0 5)	3/22/2023		X		Grab/	1	X	X	X
H-17 (0-0 5)	3/22/2023		X		Grab/	1	X	X	X

ANALYSIS REQUEST

Preservative Codes

None NO DI Water H_2O

Cool Cool MeOH Me

HCL HC HNO_3 HN

H_2S0_4 H_2 NaOH Na

H_3PO_4 HP

$NaHSO_4$ NABIS

$Na_2S_2O_3$ $NaSO_3$

Zn Acetate+NaOH Zn

NaOH+Ascorbic Acid SAPC

Sample Comments

Loc: 880
26283

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

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
Brenna Thomas	3-23-23 11:43		

Page 43 of 44

Received by OCD: 7/24/2024 3:36:41 PM

Released to Imaging: 7/30/2024 11:50:05 AM

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-26283-1
SDG Number: Lea County, New Mexico

Login Number: 26283
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Conner Moehring
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 2/7/2024 4:19:38 PM

JOB DESCRIPTION

Lacey Swiss 1 Fed Com 707H
Lea County, New Mexico

JOB NUMBER

880-38548-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 7/30/2024 11:56:05 AM

my EOL

Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
2/7/2024 4:19:38 PM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Client Sample Results 6
Surrogate Summary 21
QC Sample Results 23
QC Association Summary 27
Lab Chronicle 32
Certification Summary 38
Method Summary 39
Sample Summary 40
Chain of Custody 41
Receipt Checklists 43

Definitions/Glossary

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-38548-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Carmona Resources
Project: Lacey Swiss 1 Fed Com 707H

Job ID: 880-38548-1

Job ID: 880-38548-1 Eurofins Midland

Job Narrative
880-38548-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 1/26/2024 2:38 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -0.8°C

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: CS-1 (4.5') (880-38548-1), CS-2 (4.5') (880-38548-2), CS-3 (4.5') (880-38548-3), CS-4 (4.5') (880-38548-4), CS-5 (4.5') (880-38548-5), CS-6 (4.5') (880-38548-6), CS-7 (4.5') (880-38548-7), CS-8 (4.5') (880-38548-8), CS-9 (4.5') (880-38548-9), CS-10 (4.5') (880-38548-10), CS-11 (4.5') (880-38548-11), CS-12 (4.5') (880-38548-12), CS-13 (4.5') (880-38548-13), CS-14 (4.5') (880-38548-14), SW-1 (4.5') (880-38548-15), SW-2 (1') (880-38548-16), SW-3 (4.5') (880-38548-17), SW-4 (1') (880-38548-18) and SW-5 (2') (880-38548-19).

GC VOA
Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-71786 and analytical batch 880-71848 was outside the upper control limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA
Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-71751 and analytical batch 880-72446 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-38548-1
SDG: Lea County, New Mexico

Client Sample ID: CS-1 (4.5')

Lab Sample ID: 880-38548-1
Matrix: Solid
Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 10:57	01/29/24 17:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 10:57	01/29/24 17:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/29/24 10:57	01/29/24 17:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/29/24 10:57	01/29/24 17:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/29/24 10:57	01/29/24 17:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/29/24 10:57	01/29/24 17:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*01/29/24 10:57*	*01/29/24 17:58*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*01/29/24 10:57*	*01/29/24 17:58*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/29/24 17:58	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**81.6**		49.9		mg/Kg			02/06/24 09:47	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/27/24 21:42	02/06/24 09:47	1
Diesel Range Organics (Over C10-C28)	**81.6**	**F1**	49.9		mg/Kg		01/27/24 21:42	02/06/24 09:47	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/27/24 21:42	02/06/24 09:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*84*		*70 - 130*	*01/27/24 21:42*	*02/06/24 09:47*	*1*
o-Terphenyl	*85*		*70 - 130*	*01/27/24 21:42*	*02/06/24 09:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**129**		24.9		mg/Kg			01/30/24 17:50	5

Client Sample ID: CS-2 (4.5')

Lab Sample ID: 880-38548-2
Matrix: Solid
Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 10:57	01/29/24 18:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 10:57	01/29/24 18:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/29/24 10:57	01/29/24 18:18	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/29/24 10:57	01/29/24 18:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/29/24 10:57	01/29/24 18:18	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/29/24 10:57	01/29/24 18:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*01/29/24 10:57*	*01/29/24 18:18*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*01/29/24 10:57*	*01/29/24 18:18*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-38548-1
SDG: Lea County, New Mexico

Client Sample ID: CS-2 (4.5')

Lab Sample ID: 880-38548-2
Matrix: Solid
Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/29/24 18:18	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**70.4**		50.5		mg/Kg			02/06/24 10:58	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		01/27/24 21:42	02/06/24 10:58	1
Diesel Range Organics (Over C10-C28)	**70.4**		50.5		mg/Kg		01/27/24 21:42	02/06/24 10:58	1
OII Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/27/24 21:42	02/06/24 10:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*01/27/24 21:42*	*02/06/24 10:58*	*1*
o-Terphenyl	*98*		*70 - 130*	*01/27/24 21:42*	*02/06/24 10:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**125**		5.00		mg/Kg			01/30/24 18:10	1

Client Sample ID: CS-3 (4.5')

Lab Sample ID: 880-38548-3
Matrix: Solid
Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 10:57	01/29/24 18:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 10:57	01/29/24 18:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/29/24 10:57	01/29/24 18:39	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/29/24 10:57	01/29/24 18:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/29/24 10:57	01/29/24 18:39	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/29/24 10:57	01/29/24 18:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*01/29/24 10:57*	*01/29/24 18:39*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*01/29/24 10:57*	*01/29/24 18:39*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/29/24 18:39	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**70.8**		49.7		mg/Kg			02/06/24 11:21	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/27/24 21:42	02/06/24 11:21	1
Diesel Range Organics (Over C10-C28)	**70.8**		49.7		mg/Kg		01/27/24 21:42	02/06/24 11:21	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-38548-1
SDG: Lea County, New Mexico

Client Sample ID: CS-3 (4.5')

Lab Sample ID: 880-38548-3
Matrix: Solid
Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/27/24 21:42	02/06/24 11:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*85*		*70 - 130*	*01/27/24 21:42*	*02/06/24 11:21*	*1*
o-Terphenyl	*87*		*70 - 130*	*01/27/24 21:42*	*02/06/24 11:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**140**		24.8		mg/Kg			01/30/24 18:17	5

Client Sample ID: CS-4 (4.5')

Lab Sample ID: 880-38548-4
Matrix: Solid
Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/29/24 10:57	01/29/24 18:59	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/29/24 10:57	01/29/24 18:59	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/29/24 10:57	01/29/24 18:59	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/29/24 10:57	01/29/24 18:59	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/29/24 10:57	01/29/24 18:59	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/29/24 10:57	01/29/24 18:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*01/29/24 10:57*	*01/29/24 18:59*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*01/29/24 10:57*	*01/29/24 18:59*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/29/24 18:59	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**53.4**		49.9		mg/Kg			02/06/24 11:44	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/27/24 21:42	02/06/24 11:44	1
Diesel Range Organics (Over C10-C28)	**53.4**		49.9		mg/Kg		01/27/24 21:42	02/06/24 11:44	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/27/24 21:42	02/06/24 11:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*82*		*70 - 130*	*01/27/24 21:42*	*02/06/24 11:44*	*1*
o-Terphenyl	*82*		*70 - 130*	*01/27/24 21:42*	*02/06/24 11:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**133**		25.0		mg/Kg			01/30/24 18:24	5

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-38548-1
SDG: Lea County, New Mexico

Client Sample ID: CS-5 (4.5')

Lab Sample ID: 880-38548-5
Matrix: Solid
Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 10:57	01/29/24 19:20	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 10:57	01/29/24 19:20	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/29/24 10:57	01/29/24 19:20	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/29/24 10:57	01/29/24 19:20	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/29/24 10:57	01/29/24 19:20	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/29/24 10:57	01/29/24 19:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*01/29/24 10:57*	*01/29/24 19:20*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*01/29/24 10:57*	*01/29/24 19:20*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/29/24 19:20	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**77.3**		50.0		mg/Kg			02/06/24 12:06	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/27/24 21:42	02/06/24 12:06	1
Diesel Range Organics (Over C10-C28)	**77.3**		50.0		mg/Kg		01/27/24 21:42	02/06/24 12:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/27/24 21:42	02/06/24 12:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*77*		*70 - 130*	*01/27/24 21:42*	*02/06/24 12:06*	*1*
o-Terphenyl	*77*		*70 - 130*	*01/27/24 21:42*	*02/06/24 12:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**129**		5.04		mg/Kg			01/30/24 18:30	1

Client Sample ID: CS-6 (4.5')

Lab Sample ID: 880-38548-6
Matrix: Solid
Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/29/24 10:57	01/29/24 19:40	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/29/24 10:57	01/29/24 19:40	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/29/24 10:57	01/29/24 19:40	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/29/24 10:57	01/29/24 19:40	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/29/24 10:57	01/29/24 19:40	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/29/24 10:57	01/29/24 19:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*01/29/24 10:57*	*01/29/24 19:40*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*01/29/24 10:57*	*01/29/24 19:40*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-38548-1
SDG: Lea County, New Mexico

Client Sample ID: CS-6 (4.5')

Lab Sample ID: 880-38548-6
Matrix: Solid
Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			01/29/24 19:40	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**77.9**		49.8		mg/Kg			02/06/24 12:29	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/27/24 21:42	02/06/24 12:29	1
Diesel Range Organics (Over C10-C28)	**77.9**		49.8		mg/Kg		01/27/24 21:42	02/06/24 12:29	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/27/24 21:42	02/06/24 12:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*71*		*70 - 130*	*01/27/24 21:42*	*02/06/24 12:29*	*1*
o-Terphenyl	*71*		*70 - 130*	*01/27/24 21:42*	*02/06/24 12:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**111**		24.9		mg/Kg			01/30/24 18:51	5

Client Sample ID: CS-7 (4.5')

Lab Sample ID: 880-38548-7
Matrix: Solid
Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 10:57	01/29/24 20:00	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 10:57	01/29/24 20:00	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/29/24 10:57	01/29/24 20:00	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/29/24 10:57	01/29/24 20:00	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/29/24 10:57	01/29/24 20:00	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/29/24 10:57	01/29/24 20:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*01/29/24 10:57*	*01/29/24 20:00*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*01/29/24 10:57*	*01/29/24 20:00*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/29/24 20:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**96.4**		50.1		mg/Kg			02/06/24 12:51	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		01/27/24 21:42	02/06/24 12:51	1
Diesel Range Organics (Over C10-C28)	**96.4**		50.1		mg/Kg		01/27/24 21:42	02/06/24 12:51	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-38548-1
SDG: Lea County, New Mexico

Client Sample ID: CS-7 (4.5')

Lab Sample ID: 880-38548-7
Matrix: Solid
Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/27/24 21:42	02/06/24 12:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*76*		*70 - 130*	*01/27/24 21:42*	*02/06/24 12:51*	*1*
o-Terphenyl	*76*		*70 - 130*	*01/27/24 21:42*	*02/06/24 12:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**135**		24.8		mg/Kg			01/30/24 18:58	5

Client Sample ID: CS-8 (4.5')

Lab Sample ID: 880-38548-8
Matrix: Solid
Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 10:57	01/29/24 20:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 10:57	01/29/24 20:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/29/24 10:57	01/29/24 20:21	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/29/24 10:57	01/29/24 20:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/29/24 10:57	01/29/24 20:21	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/29/24 10:57	01/29/24 20:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*01/29/24 10:57*	*01/29/24 20:21*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*01/29/24 10:57*	*01/29/24 20:21*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/29/24 20:21	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**93.6**		50.4		mg/Kg			02/06/24 13:13	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		01/27/24 21:42	02/06/24 13:13	1
Diesel Range Organics (Over C10-C28)	**93.6**		50.4		mg/Kg		01/27/24 21:42	02/06/24 13:13	1
OII Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		01/27/24 21:42	02/06/24 13:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*79*		*70 - 130*	*01/27/24 21:42*	*02/06/24 13:13*	*1*
o-Terphenyl	*80*		*70 - 130*	*01/27/24 21:42*	*02/06/24 13:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**115**		24.9		mg/Kg			01/30/24 19:05	5

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-38548-1
SDG: Lea County, New Mexico

Client Sample ID: CS-9 (4.5')

Lab Sample ID: 880-38548-9
Matrix: Solid
Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/29/24 10:57	01/29/24 20:41	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/29/24 10:57	01/29/24 20:41	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/29/24 10:57	01/29/24 20:41	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/29/24 10:57	01/29/24 20:41	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/29/24 10:57	01/29/24 20:41	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/29/24 10:57	01/29/24 20:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*01/29/24 10:57*	*01/29/24 20:41*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*01/29/24 10:57*	*01/29/24 20:41*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/29/24 20:41	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**63.2**		50.0		mg/Kg			02/06/24 13:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/27/24 21:42	02/06/24 13:35	1
Diesel Range Organics (Over C10-C28)	**63.2**		50.0		mg/Kg		01/27/24 21:42	02/06/24 13:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/27/24 21:42	02/06/24 13:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 130*	*01/27/24 21:42*	*02/06/24 13:35*	*1*
o-Terphenyl	*84*		*70 - 130*	*01/27/24 21:42*	*02/06/24 13:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**129**		5.05		mg/Kg			01/30/24 19:12	1

Client Sample ID: CS-10 (4.5')

Lab Sample ID: 880-38548-10
Matrix: Solid
Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 10:57	01/29/24 21:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 10:57	01/29/24 21:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/29/24 10:57	01/29/24 21:02	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/29/24 10:57	01/29/24 21:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/29/24 10:57	01/29/24 21:02	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/29/24 10:57	01/29/24 21:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*01/29/24 10:57*	*01/29/24 21:02*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*01/29/24 10:57*	*01/29/24 21:02*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-38548-1
SDG: Lea County, New Mexico

Client Sample ID: CS-10 (4.5')

Lab Sample ID: 880-38548-10
Matrix: Solid
Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/29/24 21:02	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**93.1**		49.9		mg/Kg			02/06/24 13:57	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/27/24 21:42	02/06/24 13:57	1
Diesel Range Organics (Over C10-C28)	**93.1**		49.9		mg/Kg		01/27/24 21:42	02/06/24 13:57	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/27/24 21:42	02/06/24 13:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*01/27/24 21:42*	*02/06/24 13:57*	*1*
o-Terphenyl	*101*		*70 - 130*	*01/27/24 21:42*	*02/06/24 13:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**135**		5.02		mg/Kg			01/30/24 19:18	1

Client Sample ID: CS-11 (4.5')

Lab Sample ID: 880-38548-11
Matrix: Solid
Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 10:57	01/29/24 22:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 10:57	01/29/24 22:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/29/24 10:57	01/29/24 22:52	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/29/24 10:57	01/29/24 22:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/29/24 10:57	01/29/24 22:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/29/24 10:57	01/29/24 22:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*01/29/24 10:57*	*01/29/24 22:52*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*01/29/24 10:57*	*01/29/24 22:52*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/29/24 22:52	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**179**		50.1		mg/Kg			02/06/24 14:39	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		01/27/24 21:42	02/06/24 14:39	1
Diesel Range Organics (Over C10-C28)	**179**		50.1		mg/Kg		01/27/24 21:42	02/06/24 14:39	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-38548-1
SDG: Lea County, New Mexico

Client Sample ID: CS-11 (4.5')

Lab Sample ID: 880-38548-11
Matrix: Solid
Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/27/24 21:42	02/06/24 14:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*83*		*70 - 130*	*01/27/24 21:42*	*02/06/24 14:39*	*1*
o-Terphenyl	*85*		*70 - 130*	*01/27/24 21:42*	*02/06/24 14:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**154**		5.01		mg/Kg			01/30/24 19:25	1

Client Sample ID: CS-12 (4.5')

Lab Sample ID: 880-38548-12
Matrix: Solid
Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 10:57	01/29/24 23:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 10:57	01/29/24 23:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/29/24 10:57	01/29/24 23:12	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/29/24 10:57	01/29/24 23:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/29/24 10:57	01/29/24 23:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/29/24 10:57	01/29/24 23:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*01/29/24 10:57*	*01/29/24 23:12*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*01/29/24 10:57*	*01/29/24 23:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/29/24 23:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**147**		50.3		mg/Kg			02/06/24 15:01	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		01/27/24 21:42	02/06/24 15:01	1
Diesel Range Organics (Over C10-C28)	**147**		50.3		mg/Kg		01/27/24 21:42	02/06/24 15:01	1
OII Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		01/27/24 21:42	02/06/24 15:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*01/27/24 21:42*	*02/06/24 15:01*	*1*
o-Terphenyl	*96*		*70 - 130*	*01/27/24 21:42*	*02/06/24 15:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**114**		4.99		mg/Kg			01/30/24 19:46	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-38548-1
SDG: Lea County, New Mexico

Client Sample ID: CS-13 (4.5')

Lab Sample ID: 880-38548-13
Matrix: Solid
Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 10:57	01/29/24 23:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 10:57	01/29/24 23:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/29/24 10:57	01/29/24 23:33	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/29/24 10:57	01/29/24 23:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/29/24 10:57	01/29/24 23:33	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/29/24 10:57	01/29/24 23:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*01/29/24 10:57*	*01/29/24 23:33*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*01/29/24 10:57*	*01/29/24 23:33*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/29/24 23:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**86.5**		50.5		mg/Kg			02/06/24 15:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		01/27/24 21:42	02/06/24 15:23	1
Diesel Range Organics (Over C10-C28)	**86.5**		50.5		mg/Kg		01/27/24 21:42	02/06/24 15:23	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/27/24 21:42	02/06/24 15:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*01/27/24 21:42*	*02/06/24 15:23*	*1*
o-Terphenyl	*102*		*70 - 130*	*01/27/24 21:42*	*02/06/24 15:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**131**		24.9		mg/Kg			01/30/24 19:53	5

Client Sample ID: CS-14 (4.5')

Lab Sample ID: 880-38548-14
Matrix: Solid
Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/29/24 10:57	01/29/24 23:53	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/29/24 10:57	01/29/24 23:53	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/29/24 10:57	01/29/24 23:53	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/29/24 10:57	01/29/24 23:53	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/29/24 10:57	01/29/24 23:53	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/29/24 10:57	01/29/24 23:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*01/29/24 10:57*	*01/29/24 23:53*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*01/29/24 10:57*	*01/29/24 23:53*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-38548-1
SDG: Lea County, New Mexico

Client Sample ID: CS-14 (4.5')

Lab Sample ID: 880-38548-14
Matrix: Solid
Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/29/24 23:53	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**106**		49.7		mg/Kg			02/06/24 15:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		01/27/24 21:42	02/06/24 15:45	1
Diesel Range Organics (Over C10-C28)	**106**		49.7		mg/Kg		01/27/24 21:42	02/06/24 15:45	1
OII Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/27/24 21:42	02/06/24 15:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*79*		*70 - 130*	*01/27/24 21:42*	*02/06/24 15:45*	*1*
o-Terphenyl	*83*		*70 - 130*	*01/27/24 21:42*	*02/06/24 15:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**115**		4.95		mg/Kg			01/30/24 20:13	1

Client Sample ID: SW-1 (4.5')

Lab Sample ID: 880-38548-15
Matrix: Solid
Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		01/29/24 10:57	01/30/24 00:13	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/29/24 10:57	01/30/24 00:13	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/29/24 10:57	01/30/24 00:13	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		01/29/24 10:57	01/30/24 00:13	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/29/24 10:57	01/30/24 00:13	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		01/29/24 10:57	01/30/24 00:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*01/29/24 10:57*	*01/30/24 00:13*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*01/29/24 10:57*	*01/30/24 00:13*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			01/30/24 00:13	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/06/24 16:06	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/27/24 21:42	02/06/24 16:06	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/27/24 21:42	02/06/24 16:06	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-38548-1
SDG: Lea County, New Mexico

Client Sample ID: SW-1 (4.5')

Lab Sample ID: 880-38548-15
Matrix: Solid
Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/27/24 21:42	02/06/24 16:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*01/27/24 21:42*	*02/06/24 16:06*	*1*
o-Terphenyl	*90*		*70 - 130*	*01/27/24 21:42*	*02/06/24 16:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**130**		4.97		mg/Kg			01/30/24 20:20	1

Client Sample ID: SW-2 (1')

Lab Sample ID: 880-38548-16
Matrix: Solid
Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 10:57	01/30/24 00:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 10:57	01/30/24 00:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/29/24 10:57	01/30/24 00:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/29/24 10:57	01/30/24 00:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/29/24 10:57	01/30/24 00:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/29/24 10:57	01/30/24 00:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*01/29/24 10:57*	*01/30/24 00:34*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*01/29/24 10:57*	*01/30/24 00:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/30/24 00:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/06/24 16:29	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/27/24 21:42	02/06/24 16:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/27/24 21:42	02/06/24 16:29	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/27/24 21:42	02/06/24 16:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*79*		*70 - 130*	*01/27/24 21:42*	*02/06/24 16:29*	*1*
o-Terphenyl	*80*		*70 - 130*	*01/27/24 21:42*	*02/06/24 16:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**155**		5.00		mg/Kg			01/30/24 20:27	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-38548-1
SDG: Lea County, New Mexico

Client Sample ID: SW-3 (4.5')

Lab Sample ID: 880-38548-17
Matrix: Solid
Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/29/24 10:57	01/30/24 00:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/29/24 10:57	01/30/24 00:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/29/24 10:57	01/30/24 00:54	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/29/24 10:57	01/30/24 00:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/29/24 10:57	01/30/24 00:54	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/29/24 10:57	01/30/24 00:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*01/29/24 10:57*	*01/30/24 00:54*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*01/29/24 10:57*	*01/30/24 00:54*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/30/24 00:54	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			02/06/24 16:50	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		01/27/24 21:42	02/06/24 16:50	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		01/27/24 21:42	02/06/24 16:50	1
OII Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		01/27/24 21:42	02/06/24 16:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*83*		*70 - 130*	*01/27/24 21:42*	*02/06/24 16:50*	*1*
o-Terphenyl	*85*		*70 - 130*	*01/27/24 21:42*	*02/06/24 16:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**128**		5.00		mg/Kg			01/30/24 20:34	1

Client Sample ID: SW-4 (1')

Lab Sample ID: 880-38548-18
Matrix: Solid
Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 10:57	01/30/24 01:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 10:57	01/30/24 01:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/29/24 10:57	01/30/24 01:15	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/29/24 10:57	01/30/24 01:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/29/24 10:57	01/30/24 01:15	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/29/24 10:57	01/30/24 01:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*01/29/24 10:57*	*01/30/24 01:15*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*01/29/24 10:57*	*01/30/24 01:15*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-38548-1
SDG: Lea County, New Mexico

Client Sample ID: SW-4 (1')

Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Lab Sample ID: 880-38548-18
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/30/24 01:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.5	U	49.5		mg/Kg			02/06/24 17:12	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.5	U	49.5		mg/Kg		01/27/24 21:42	02/06/24 17:12	1
Diesel Range Organics (Over C10-C28)	<49.5	U	49.5		mg/Kg		01/27/24 21:42	02/06/24 17:12	1
Oil Range Organics (Over C28-C36)	<49.5	U	49.5		mg/Kg		01/27/24 21:42	02/06/24 17:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*83*		*70 - 130*	*01/27/24 21:42*	*02/06/24 17:12*	*1*
o-Terphenyl	*87*		*70 - 130*	*01/27/24 21:42*	*02/06/24 17:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**114**		4.99		mg/Kg			01/30/24 20:40	1

Client Sample ID: SW-5 (2')

Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Lab Sample ID: 880-38548-19
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/29/24 10:57	01/30/24 01:35	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/29/24 10:57	01/30/24 01:35	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/29/24 10:57	01/30/24 01:35	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/29/24 10:57	01/30/24 01:35	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/29/24 10:57	01/30/24 01:35	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/29/24 10:57	01/30/24 01:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*01/29/24 10:57*	*01/30/24 01:35*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*01/29/24 10:57*	*01/30/24 01:35*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/30/24 01:35	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			02/06/24 17:33	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		01/27/24 21:42	02/06/24 17:33	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		01/27/24 21:42	02/06/24 17:33	1

Client Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-38548-1
SDG: Lea County, New Mexico

Client Sample ID: SW-5 (2')
Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Lab Sample ID: 880-38548-19
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		01/27/24 21:42	02/06/24 17:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*01/27/24 21:42*	*02/06/24 17:33*	*1*
o-Terphenyl	*100*		*70 - 130*	*01/27/24 21:42*	*02/06/24 17:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	137		5.04		mg/Kg			01/30/24 20:47	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-38548-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) BFB1 (70-130)	DFBZ1 (70-130)
880-38548-1	CS-1 (4.5')	97	97
880-38548-1 MS	CS-1 (4.5')	94	100
880-38548-1 MSD	CS-1 (4.5')	101	101
880-38548-2	CS-2 (4.5')	105	98
880-38548-3	CS-3 (4.5')	100	99
880-38548-4	CS-4 (4.5')	110	95
880-38548-5	CS-5 (4.5')	104	97
880-38548-6	CS-6 (4.5')	96	96
880-38548-7	CS-7 (4.5')	100	97
880-38548-8	CS-8 (4.5')	107	96
880-38548-9	CS-9 (4.5')	107	103
880-38548-10	CS-10 (4.5')	106	98
880-38548-11	CS-11 (4.5')	93	91
880-38548-12	CS-12 (4.5')	101	99
880-38548-13	CS-13 (4.5')	101	100
880-38548-14	CS-14 (4.5')	101	100
880-38548-15	SW-1 (4.5')	104	108
880-38548-16	SW-2 (1')	114	103
880-38548-17	SW-3 (4.5')	108	101
880-38548-18	SW-4 (1')	115	106
880-38548-19	SW-5 (2')	111	105
LCS 880-71786/1-A	Lab Control Sample	100	97
LCSD 880-71786/2-A	Lab Control Sample Dup	96	97
MB 880-71786/5-A	Method Blank	137 S1+	122

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) 1CO1 (70-130)	OTPH1 (70-130)
880-38548-1	CS-1 (4.5')	84	85
880-38548-1 MS	CS-1 (4.5')	90	86
880-38548-1 MSD	CS-1 (4.5')	91	88
880-38548-2	CS-2 (4.5')	96	98
880-38548-3	CS-3 (4.5')	85	87
880-38548-4	CS-4 (4.5')	82	82
880-38548-5	CS-5 (4.5')	77	77
880-38548-6	CS-6 (4.5')	71	71
880-38548-7	CS-7 (4.5')	76	76
880-38548-8	CS-8 (4.5')	79	80
880-38548-9	CS-9 (4.5')	87	84
880-38548-10	CS-10 (4.5')	99	101
880-38548-11	CS-11 (4.5')	83	85
880-38548-12	CS-12 (4.5')	95	96
880-38548-13	CS-13 (4.5')	101	102

Surrogate Summary

Client: Carmona Resources Job ID: 880-38548-1
Project/Site: Lacey Swiss 1 Fed Com 707H SDG: Lea County, New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
		1CO1	OTPH1										
Lab Sample ID	Client Sample ID	(70-130)	(70-130)										
880-38548-14	CS-14 (4.5')	79	83										
880-38548-15	SW-1 (4.5')	88	90										
880-38548-16	SW-2 (1')	79	80										
880-38548-17	SW-3 (4.5')	83	85										
880-38548-18	SW-4 (1')	83	87										
880-38548-19	SW-5 (2')	99	100										
LCS 880-71751/2-A	Lab Control Sample	96	114										
LCSD 880-71751/3-A	Lab Control Sample Dup	102	119										
MB 880-71751/1-A - RA2	Method Blank	112	114										

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-38548-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-71786/5-A
Matrix: Solid
Analysis Batch: 71848

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 71786

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/29/24 10:57	01/29/24 17:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/29/24 10:57	01/29/24 17:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/29/24 10:57	01/29/24 17:29	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/29/24 10:57	01/29/24 17:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/29/24 10:57	01/29/24 17:29	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/29/24 10:57	01/29/24 17:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*137*	*S1+*	*70 - 130*	*01/29/24 10:57*	*01/29/24 17:29*	*1*
1,4-Difluorobenzene (Surr)	*122*		*70 - 130*	*01/29/24 10:57*	*01/29/24 17:29*	*1*

Lab Sample ID: LCS 880-71786/1-A
Matrix: Solid
Analysis Batch: 71848

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 71786

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09944		mg/Kg		99	70 - 130		
Toluene			0.100	0.09719		mg/Kg		97	70 - 130		
Ethylbenzene			0.100	0.1060		mg/Kg		106	70 - 130		
m-Xylene & p-Xylene			0.200	0.1940		mg/Kg		97	70 - 130		
o-Xylene			0.100	0.09396		mg/Kg		94	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: LCSD 880-71786/2-A
Matrix: Solid
Analysis Batch: 71848

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 71786

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1088		mg/Kg		109	70 - 130	9	35
Toluene			0.100	0.1075		mg/Kg		107	70 - 130	10	35
Ethylbenzene			0.100	0.1154		mg/Kg		115	70 - 130	9	35
m-Xylene & p-Xylene			0.200	0.2035		mg/Kg		102	70 - 130	5	35
o-Xylene			0.100	0.09740		mg/Kg		97	70 - 130	4	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: 880-38548-1 MS
Matrix: Solid
Analysis Batch: 71848

Client Sample ID: CS-1 (4.5')
Prep Type: Total/NA
Prep Batch: 71786

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00199	U	0.0996	0.09679		mg/Kg		97	70 - 130		
Toluene	<0.00199	U	0.0996	0.08799		mg/Kg		88	70 - 130		

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-38548-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-38548-1 MS
Matrix: Solid
Analysis Batch: 71848

Client Sample ID: CS-1 (4.5')
Prep Type: Total/NA
Prep Batch: 71786

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00199	U	0.0996	0.09497		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.199	0.1715		mg/Kg		86	70 - 130
o-Xylene	<0.00199	U	0.0996	0.08250		mg/Kg		83	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: 880-38548-1 MSD
Matrix: Solid
Analysis Batch: 71848

Client Sample ID: CS-1 (4.5')
Prep Type: Total/NA
Prep Batch: 71786

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.0990	0.08458		mg/Kg		85	70 - 130	13	35
Toluene	<0.00199	U	0.0990	0.07643		mg/Kg		77	70 - 130	14	35
Ethylbenzene	<0.00199	U	0.0990	0.08291		mg/Kg		84	70 - 130	14	35
m-Xylene & p-Xylene	<0.00398	U	0.198	0.1634		mg/Kg		83	70 - 130	5	35
o-Xylene	<0.00199	U	0.0990	0.08003		mg/Kg		81	70 - 130	3	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: LCS 880-71751/2-A
Matrix: Solid
Analysis Batch: 72446

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 71751

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	927.5		mg/Kg		93	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1051		mg/Kg		105	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*96*		*70 - 130*
o-Terphenyl	*114*		*70 - 130*

Lab Sample ID: LCSD 880-71751/3-A
Matrix: Solid
Analysis Batch: 72446

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 71751

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	879.4		mg/Kg		88	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	965.7		mg/Kg		97	70 - 130	8	20

QC Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-38548-1
SDG: Lea County, New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-71751/3-A
Matrix: Solid
Analysis Batch: 72446

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 71751

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	102		70 - 130
o-Terphenyl	119		70 - 130

Lab Sample ID: 880-38548-1 MS
Matrix: Solid
Analysis Batch: 72446

Client Sample ID: CS-1 (4.5')
Prep Type: Total/NA
Prep Batch: 71751

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	799.5		mg/Kg		75	70 - 130
Diesel Range Organics (Over C10-C28)	81.6	F1	1000	754.6	F1	mg/Kg		67	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	90		70 - 130
o-Terphenyl	86		70 - 130

Lab Sample ID: 880-38548-1 MSD
Matrix: Solid
Analysis Batch: 72446

Client Sample ID: CS-1 (4.5')
Prep Type: Total/NA
Prep Batch: 71751

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	780.5		mg/Kg		73	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	81.6	F1	1000	772.4	F1	mg/Kg		69	70 - 130	2	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	91		70 - 130
o-Terphenyl	88		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC) - RA2

Lab Sample ID: MB 880-71751/1-A
Matrix: Solid
Analysis Batch: 72446

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 71751

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10 - RA2	<50.0	U	50.0		mg/Kg		01/27/24 21:42	02/06/24 07:12	1
Diesel Range Organics (Over C10-C28) - RA2	<50.0	U	50.0		mg/Kg		01/27/24 21:42	02/06/24 07:12	1
OII Range Organics (Over C28-C36) - RA2	<50.0	U	50.0		mg/Kg		01/27/24 21:42	02/06/24 07:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane - RA2	112		70 - 130	01/27/24 21:42	02/06/24 07:12	1
o-Terphenyl - RA2	114		70 - 130	01/27/24 21:42	02/06/24 07:12	1

QC Sample Results

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-38548-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-71792/1-A
Matrix: Solid
Analysis Batch: 71872

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/30/24 17:29	1

Lab Sample ID: LCS 880-71792/2-A
Matrix: Solid
Analysis Batch: 71872

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	270.9		mg/Kg		108	90 - 110		

Lab Sample ID: LCSD 880-71792/3-A
Matrix: Solid
Analysis Batch: 71872

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	269.3		mg/Kg		108	90 - 110	1	20

Lab Sample ID: 880-38548-1 MS
Matrix: Solid
Analysis Batch: 71872

Client Sample ID: CS-1 (4.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	129		1250	1441		mg/Kg		105	90 - 110		

Lab Sample ID: 880-38548-1 MSD
Matrix: Solid
Analysis Batch: 71872

Client Sample ID: CS-1 (4.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	129		1250	1441		mg/Kg		105	90 - 110	0	20

Lab Sample ID: 880-38548-11 MS
Matrix: Solid
Analysis Batch: 71872

Client Sample ID: CS-11 (4.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	154		251	428.6		mg/Kg		110	90 - 110		

Lab Sample ID: 880-38548-11 MSD
Matrix: Solid
Analysis Batch: 71872

Client Sample ID: CS-11 (4.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	154		251	428.6		mg/Kg		109	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-38548-1
SDG: Lea County, New Mexico

GC VOA

Prep Batch: 71786

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38548-1	CS-1 (4.5')	Total/NA	Solid	5035	
880-38548-2	CS-2 (4.5')	Total/NA	Solid	5035	
880-38548-3	CS-3 (4.5')	Total/NA	Solid	5035	
880-38548-4	CS-4 (4.5')	Total/NA	Solid	5035	
880-38548-5	CS-5 (4.5')	Total/NA	Solid	5035	
880-38548-6	CS-6 (4.5')	Total/NA	Solid	5035	
880-38548-7	CS-7 (4.5')	Total/NA	Solid	5035	
880-38548-8	CS-8 (4.5')	Total/NA	Solid	5035	
880-38548-9	CS-9 (4.5')	Total/NA	Solid	5035	
880-38548-10	CS-10 (4.5')	Total/NA	Solid	5035	
880-38548-11	CS-11 (4.5')	Total/NA	Solid	5035	
880-38548-12	CS-12 (4.5')	Total/NA	Solid	5035	
880-38548-13	CS-13 (4.5')	Total/NA	Solid	5035	
880-38548-14	CS-14 (4.5')	Total/NA	Solid	5035	
880-38548-15	SW-1 (4.5')	Total/NA	Solid	5035	
880-38548-16	SW-2 (1')	Total/NA	Solid	5035	
880-38548-17	SW-3 (4.5')	Total/NA	Solid	5035	
880-38548-18	SW-4 (1')	Total/NA	Solid	5035	
880-38548-19	SW-5 (2')	Total/NA	Solid	5035	
MB 880-71786/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-71786/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-71786/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-38548-1 MS	CS-1 (4.5')	Total/NA	Solid	5035	
880-38548-1 MSD	CS-1 (4.5')	Total/NA	Solid	5035	

Analysis Batch: 71848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38548-1	CS-1 (4.5')	Total/NA	Solid	8021B	71786
880-38548-2	CS-2 (4.5')	Total/NA	Solid	8021B	71786
880-38548-3	CS-3 (4.5')	Total/NA	Solid	8021B	71786
880-38548-4	CS-4 (4.5')	Total/NA	Solid	8021B	71786
880-38548-5	CS-5 (4.5')	Total/NA	Solid	8021B	71786
880-38548-6	CS-6 (4.5')	Total/NA	Solid	8021B	71786
880-38548-7	CS-7 (4.5')	Total/NA	Solid	8021B	71786
880-38548-8	CS-8 (4.5')	Total/NA	Solid	8021B	71786
880-38548-9	CS-9 (4.5')	Total/NA	Solid	8021B	71786
880-38548-10	CS-10 (4.5')	Total/NA	Solid	8021B	71786
880-38548-11	CS-11 (4.5')	Total/NA	Solid	8021B	71786
880-38548-12	CS-12 (4.5')	Total/NA	Solid	8021B	71786
880-38548-13	CS-13 (4.5')	Total/NA	Solid	8021B	71786
880-38548-14	CS-14 (4.5')	Total/NA	Solid	8021B	71786
880-38548-15	SW-1 (4.5')	Total/NA	Solid	8021B	71786
880-38548-16	SW-2 (1')	Total/NA	Solid	8021B	71786
880-38548-17	SW-3 (4.5')	Total/NA	Solid	8021B	71786
880-38548-18	SW-4 (1')	Total/NA	Solid	8021B	71786
880-38548-19	SW-5 (2')	Total/NA	Solid	8021B	71786
MB 880-71786/5-A	Method Blank	Total/NA	Solid	8021B	71786
LCS 880-71786/1-A	Lab Control Sample	Total/NA	Solid	8021B	71786
LCSD 880-71786/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	71786
880-38548-1 MS	CS-1 (4.5')	Total/NA	Solid	8021B	71786
880-38548-1 MSD	CS-1 (4.5')	Total/NA	Solid	8021B	71786

QC Association Summary

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-38548-1
SDG: Lea County, New Mexico

GC VOA

Analysis Batch: 71952

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38548-1	CS-1 (4.5')	Total/NA	Solid	Total BTEX	
880-38548-2	CS-2 (4.5')	Total/NA	Solid	Total BTEX	
880-38548-3	CS-3 (4.5')	Total/NA	Solid	Total BTEX	
880-38548-4	CS-4 (4.5')	Total/NA	Solid	Total BTEX	
880-38548-5	CS-5 (4.5')	Total/NA	Solid	Total BTEX	
880-38548-6	CS-6 (4.5')	Total/NA	Solid	Total BTEX	
880-38548-7	CS-7 (4.5')	Total/NA	Solid	Total BTEX	
880-38548-8	CS-8 (4.5')	Total/NA	Solid	Total BTEX	
880-38548-9	CS-9 (4.5')	Total/NA	Solid	Total BTEX	
880-38548-10	CS-10 (4.5')	Total/NA	Solid	Total BTEX	
880-38548-11	CS-11 (4.5')	Total/NA	Solid	Total BTEX	
880-38548-12	CS-12 (4.5')	Total/NA	Solid	Total BTEX	
880-38548-13	CS-13 (4.5')	Total/NA	Solid	Total BTEX	
880-38548-14	CS-14 (4.5')	Total/NA	Solid	Total BTEX	
880-38548-15	SW-1 (4.5')	Total/NA	Solid	Total BTEX	
880-38548-16	SW-2 (1')	Total/NA	Solid	Total BTEX	
880-38548-17	SW-3 (4.5')	Total/NA	Solid	Total BTEX	
880-38548-18	SW-4 (1')	Total/NA	Solid	Total BTEX	
880-38548-19	SW-5 (2')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 71751

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38548-1	CS-1 (4.5')	Total/NA	Solid	8015NM Prep	
880-38548-2	CS-2 (4.5')	Total/NA	Solid	8015NM Prep	
880-38548-3	CS-3 (4.5')	Total/NA	Solid	8015NM Prep	
880-38548-4	CS-4 (4.5')	Total/NA	Solid	8015NM Prep	
880-38548-5	CS-5 (4.5')	Total/NA	Solid	8015NM Prep	
880-38548-6	CS-6 (4.5')	Total/NA	Solid	8015NM Prep	
880-38548-7	CS-7 (4.5')	Total/NA	Solid	8015NM Prep	
880-38548-8	CS-8 (4.5')	Total/NA	Solid	8015NM Prep	
880-38548-9	CS-9 (4.5')	Total/NA	Solid	8015NM Prep	
880-38548-10	CS-10 (4.5')	Total/NA	Solid	8015NM Prep	
880-38548-11	CS-11 (4.5')	Total/NA	Solid	8015NM Prep	
880-38548-12	CS-12 (4.5')	Total/NA	Solid	8015NM Prep	
880-38548-13	CS-13 (4.5')	Total/NA	Solid	8015NM Prep	
880-38548-14	CS-14 (4.5')	Total/NA	Solid	8015NM Prep	
880-38548-15	SW-1 (4.5')	Total/NA	Solid	8015NM Prep	
880-38548-16	SW-2 (1')	Total/NA	Solid	8015NM Prep	
880-38548-17	SW-3 (4.5')	Total/NA	Solid	8015NM Prep	
880-38548-18	SW-4 (1')	Total/NA	Solid	8015NM Prep	
880-38548-19	SW-5 (2')	Total/NA	Solid	8015NM Prep	
MB 880-71751/1-A - RA2	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-71751/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-71751/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-38548-1 MS	CS-1 (4.5')	Total/NA	Solid	8015NM Prep	
880-38548-1 MSD	CS-1 (4.5')	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-38548-1
SDG: Lea County, New Mexico

GC Semi VOA

Analysis Batch: 72446

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38548-1	CS-1 (4.5')	Total/NA	Solid	8015B NM	71751
880-38548-2	CS-2 (4.5')	Total/NA	Solid	8015B NM	71751
880-38548-3	CS-3 (4.5')	Total/NA	Solid	8015B NM	71751
880-38548-4	CS-4 (4.5')	Total/NA	Solid	8015B NM	71751
880-38548-5	CS-5 (4.5')	Total/NA	Solid	8015B NM	71751
880-38548-6	CS-6 (4.5')	Total/NA	Solid	8015B NM	71751
880-38548-7	CS-7 (4.5')	Total/NA	Solid	8015B NM	71751
880-38548-8	CS-8 (4.5')	Total/NA	Solid	8015B NM	71751
880-38548-9	CS-9 (4.5')	Total/NA	Solid	8015B NM	71751
880-38548-10	CS-10 (4.5')	Total/NA	Solid	8015B NM	71751
880-38548-11	CS-11 (4.5')	Total/NA	Solid	8015B NM	71751
880-38548-12	CS-12 (4.5')	Total/NA	Solid	8015B NM	71751
880-38548-13	CS-13 (4.5')	Total/NA	Solid	8015B NM	71751
880-38548-14	CS-14 (4.5')	Total/NA	Solid	8015B NM	71751
880-38548-15	SW-1 (4.5')	Total/NA	Solid	8015B NM	71751
880-38548-16	SW-2 (1')	Total/NA	Solid	8015B NM	71751
880-38548-17	SW-3 (4.5')	Total/NA	Solid	8015B NM	71751
880-38548-18	SW-4 (1')	Total/NA	Solid	8015B NM	71751
880-38548-19	SW-5 (2')	Total/NA	Solid	8015B NM	71751
MB 880-71751/1-A - RA2	Method Blank	Total/NA	Solid	8015B NM	71751
LCS 880-71751/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	71751
LCSD 880-71751/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	71751
880-38548-1 MS	CS-1 (4.5')	Total/NA	Solid	8015B NM	71751
880-38548-1 MSD	CS-1 (4.5')	Total/NA	Solid	8015B NM	71751

Analysis Batch: 72590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38548-1	CS-1 (4.5')	Total/NA	Solid	8015 NM	
880-38548-2	CS-2 (4.5')	Total/NA	Solid	8015 NM	
880-38548-3	CS-3 (4.5')	Total/NA	Solid	8015 NM	
880-38548-4	CS-4 (4.5')	Total/NA	Solid	8015 NM	
880-38548-5	CS-5 (4.5')	Total/NA	Solid	8015 NM	
880-38548-6	CS-6 (4.5')	Total/NA	Solid	8015 NM	
880-38548-7	CS-7 (4.5')	Total/NA	Solid	8015 NM	
880-38548-8	CS-8 (4.5')	Total/NA	Solid	8015 NM	
880-38548-9	CS-9 (4.5')	Total/NA	Solid	8015 NM	
880-38548-10	CS-10 (4.5')	Total/NA	Solid	8015 NM	
880-38548-11	CS-11 (4.5')	Total/NA	Solid	8015 NM	
880-38548-12	CS-12 (4.5')	Total/NA	Solid	8015 NM	
880-38548-13	CS-13 (4.5')	Total/NA	Solid	8015 NM	
880-38548-14	CS-14 (4.5')	Total/NA	Solid	8015 NM	
880-38548-15	SW-1 (4.5')	Total/NA	Solid	8015 NM	
880-38548-16	SW-2 (1')	Total/NA	Solid	8015 NM	
880-38548-17	SW-3 (4.5')	Total/NA	Solid	8015 NM	
880-38548-18	SW-4 (1')	Total/NA	Solid	8015 NM	
880-38548-19	SW-5 (2')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-38548-1
SDG: Lea County, New Mexico

HPLC/IC

Leach Batch: 71792

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38548-1	CS-1 (4.5')	Soluble	Solid	DI Leach	
880-38548-2	CS-2 (4.5')	Soluble	Solid	DI Leach	
880-38548-3	CS-3 (4.5')	Soluble	Solid	DI Leach	
880-38548-4	CS-4 (4.5')	Soluble	Solid	DI Leach	
880-38548-5	CS-5 (4.5')	Soluble	Solid	DI Leach	
880-38548-6	CS-6 (4.5')	Soluble	Solid	DI Leach	
880-38548-7	CS-7 (4.5')	Soluble	Solid	DI Leach	
880-38548-8	CS-8 (4.5')	Soluble	Solid	DI Leach	
880-38548-9	CS-9 (4.5')	Soluble	Solid	DI Leach	
880-38548-10	CS-10 (4.5')	Soluble	Solid	DI Leach	
880-38548-11	CS-11 (4.5')	Soluble	Solid	DI Leach	
880-38548-12	CS-12 (4.5')	Soluble	Solid	DI Leach	
880-38548-13	CS-13 (4.5')	Soluble	Solid	DI Leach	
880-38548-14	CS-14 (4.5')	Soluble	Solid	DI Leach	
880-38548-15	SW-1 (4.5')	Soluble	Solid	DI Leach	
880-38548-16	SW-2 (1')	Soluble	Solid	DI Leach	
880-38548-17	SW-3 (4.5')	Soluble	Solid	DI Leach	
880-38548-18	SW-4 (1')	Soluble	Solid	DI Leach	
880-38548-19	SW-5 (2')	Soluble	Solid	DI Leach	
MB 880-71792/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-71792/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-71792/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-38548-1 MS	CS-1 (4.5')	Soluble	Solid	DI Leach	
880-38548-1 MSD	CS-1 (4.5')	Soluble	Solid	DI Leach	
880-38548-11 MS	CS-11 (4.5')	Soluble	Solid	DI Leach	
880-38548-11 MSD	CS-11 (4.5')	Soluble	Solid	DI Leach	

Analysis Batch: 71872

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38548-1	CS-1 (4.5')	Soluble	Solid	300.0	71792
880-38548-2	CS-2 (4.5')	Soluble	Solid	300.0	71792
880-38548-3	CS-3 (4.5')	Soluble	Solid	300.0	71792
880-38548-4	CS-4 (4.5')	Soluble	Solid	300.0	71792
880-38548-5	CS-5 (4.5')	Soluble	Solid	300.0	71792
880-38548-6	CS-6 (4.5')	Soluble	Solid	300.0	71792
880-38548-7	CS-7 (4.5')	Soluble	Solid	300.0	71792
880-38548-8	CS-8 (4.5')	Soluble	Solid	300.0	71792
880-38548-9	CS-9 (4.5')	Soluble	Solid	300.0	71792
880-38548-10	CS-10 (4.5')	Soluble	Solid	300.0	71792
880-38548-11	CS-11 (4.5')	Soluble	Solid	300.0	71792
880-38548-12	CS-12 (4.5')	Soluble	Solid	300.0	71792
880-38548-13	CS-13 (4.5')	Soluble	Solid	300.0	71792
880-38548-14	CS-14 (4.5')	Soluble	Solid	300.0	71792
880-38548-15	SW-1 (4.5')	Soluble	Solid	300.0	71792
880-38548-16	SW-2 (1')	Soluble	Solid	300.0	71792
880-38548-17	SW-3 (4.5')	Soluble	Solid	300.0	71792
880-38548-18	SW-4 (1')	Soluble	Solid	300.0	71792
880-38548-19	SW-5 (2')	Soluble	Solid	300.0	71792
MB 880-71792/1-A	Method Blank	Soluble	Solid	300.0	71792
LCS 880-71792/2-A	Lab Control Sample	Soluble	Solid	300.0	71792
LCSD 880-71792/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	71792

QC Association Summary

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-38548-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 71872 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-38548-1 MS	CS-1 (4.5')	Soluble	Solid	300.0	71792
880-38548-1 MSD	CS-1 (4.5')	Soluble	Solid	300.0	71792
880-38548-11 MS	CS-11 (4.5')	Soluble	Solid	300.0	71792
880-38548-11 MSD	CS-11 (4.5')	Soluble	Solid	300.0	71792

Lab Chronicle

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-38548-1
SDG: Lea County, New Mexico

Client Sample ID: CS-1 (4.5')

Lab Sample ID: 880-38548-1
Matrix: Solid
Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	71786	01/29/24 10:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71848	01/29/24 17:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71952	01/29/24 17:58	SM	EET MID
Total/NA	Analysis	8015 NM		1			72590	02/06/24 09:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	71751	01/27/24 21:42	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72446	02/06/24 09:47	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	71792	01/29/24 11:23	CH	EET MID
Soluble	Analysis	300.0		5			71872	01/30/24 17:50	CH	EET MID

Client Sample ID: CS-2 (4.5')

Lab Sample ID: 880-38548-2
Matrix: Solid
Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	71786	01/29/24 10:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71848	01/29/24 18:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71952	01/29/24 18:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			72590	02/06/24 10:58	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	71751	01/27/24 21:42	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72446	02/06/24 10:58	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	71792	01/29/24 11:23	CH	EET MID
Soluble	Analysis	300.0		1			71872	01/30/24 18:10	CH	EET MID

Client Sample ID: CS-3 (4.5')

Lab Sample ID: 880-38548-3
Matrix: Solid
Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	71786	01/29/24 10:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71848	01/29/24 18:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71952	01/29/24 18:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			72590	02/06/24 11:21	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	71751	01/27/24 21:42	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72446	02/06/24 11:21	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	71792	01/29/24 11:23	CH	EET MID
Soluble	Analysis	300.0		5			71872	01/30/24 18:17	CH	EET MID

Client Sample ID: CS-4 (4.5')

Lab Sample ID: 880-38548-4
Matrix: Solid
Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	71786	01/29/24 10:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71848	01/29/24 18:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71952	01/29/24 18:59	SM	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-38548-1
SDG: Lea County, New Mexico

Client Sample ID: CS-4 (4.5')

Lab Sample ID: 880-38548-4
Matrix: Solid
Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			72590	02/06/24 11:44	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	71751	01/27/24 21:42	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72446	02/06/24 11:44	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	71792	01/29/24 11:23	CH	EET MID
Soluble	Analysis	300.0		5			71872	01/30/24 18:24	CH	EET MID

Client Sample ID: CS-5 (4.5')

Lab Sample ID: 880-38548-5
Matrix: Solid
Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	71786	01/29/24 10:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71848	01/29/24 19:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71952	01/29/24 19:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			72590	02/06/24 12:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	71751	01/27/24 21:42	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72446	02/06/24 12:06	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	71792	01/29/24 11:23	CH	EET MID
Soluble	Analysis	300.0		1			71872	01/30/24 18:30	CH	EET MID

Client Sample ID: CS-6 (4.5')

Lab Sample ID: 880-38548-6
Matrix: Solid
Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	71786	01/29/24 10:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71848	01/29/24 19:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71952	01/29/24 19:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			72590	02/06/24 12:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	71751	01/27/24 21:42	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72446	02/06/24 12:29	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	71792	01/29/24 11:23	CH	EET MID
Soluble	Analysis	300.0		5			71872	01/30/24 18:51	CH	EET MID

Client Sample ID: CS-7 (4.5')

Lab Sample ID: 880-38548-7
Matrix: Solid
Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	71786	01/29/24 10:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71848	01/29/24 20:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71952	01/29/24 20:00	SM	EET MID
Total/NA	Analysis	8015 NM		1			72590	02/06/24 12:51	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	71751	01/27/24 21:42	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72446	02/06/24 12:51	SM	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-38548-1
SDG: Lea County, New Mexico

Client Sample ID: CS-7 (4.5')

Lab Sample ID: 880-38548-7
Matrix: Solid
Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	71792	01/29/24 11:23	CH	EET MID
Soluble	Analysis	300.0		5			71872	01/30/24 18:58	CH	EET MID

Client Sample ID: CS-8 (4.5')

Lab Sample ID: 880-38548-8
Matrix: Solid
Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	71786	01/29/24 10:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71848	01/29/24 20:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71952	01/29/24 20:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			72590	02/06/24 13:13	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	71751	01/27/24 21:42	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72446	02/06/24 13:13	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	71792	01/29/24 11:23	CH	EET MID
Soluble	Analysis	300.0		5			71872	01/30/24 19:05	CH	EET MID

Client Sample ID: CS-9 (4.5')

Lab Sample ID: 880-38548-9
Matrix: Solid
Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	71786	01/29/24 10:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71848	01/29/24 20:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71952	01/29/24 20:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			72590	02/06/24 13:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	71751	01/27/24 21:42	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72446	02/06/24 13:35	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	71792	01/29/24 11:23	CH	EET MID
Soluble	Analysis	300.0		1			71872	01/30/24 19:12	CH	EET MID

Client Sample ID: CS-10 (4.5')

Lab Sample ID: 880-38548-10
Matrix: Solid
Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	71786	01/29/24 10:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71848	01/29/24 21:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71952	01/29/24 21:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			72590	02/06/24 13:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	71751	01/27/24 21:42	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72446	02/06/24 13:57	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	71792	01/29/24 11:23	CH	EET MID
Soluble	Analysis	300.0		1			71872	01/30/24 19:18	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-38548-1
SDG: Lea County, New Mexico

Client Sample ID: CS-11 (4.5')

Lab Sample ID: 880-38548-11
Matrix: Solid
Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	71786	01/29/24 10:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71848	01/29/24 22:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71952	01/29/24 22:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			72590	02/06/24 14:39	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	71751	01/27/24 21:42	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72446	02/06/24 14:39	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	71792	01/29/24 11:23	CH	EET MID
Soluble	Analysis	300.0		1			71872	01/30/24 19:25	CH	EET MID

Client Sample ID: CS-12 (4.5')

Lab Sample ID: 880-38548-12
Matrix: Solid
Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	71786	01/29/24 10:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71848	01/29/24 23:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71952	01/29/24 23:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			72590	02/06/24 15:01	SM	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	71751	01/27/24 21:42	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72446	02/06/24 15:01	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	71792	01/29/24 11:23	CH	EET MID
Soluble	Analysis	300.0		1			71872	01/30/24 19:46	CH	EET MID

Client Sample ID: CS-13 (4.5')

Lab Sample ID: 880-38548-13
Matrix: Solid
Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	71786	01/29/24 10:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71848	01/29/24 23:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71952	01/29/24 23:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			72590	02/06/24 15:23	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	71751	01/27/24 21:42	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72446	02/06/24 15:23	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	71792	01/29/24 11:23	CH	EET MID
Soluble	Analysis	300.0		5			71872	01/30/24 19:53	CH	EET MID

Client Sample ID: CS-14 (4.5')

Lab Sample ID: 880-38548-14
Matrix: Solid
Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	71786	01/29/24 10:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71848	01/29/24 23:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71952	01/29/24 23:53	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-38548-1
SDG: Lea County, New Mexico

Client Sample ID: CS-14 (4.5')

Lab Sample ID: 880-38548-14
Matrix: Solid
Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			72590	02/06/24 15:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	71751	01/27/24 21:42	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72446	02/06/24 15:45	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	71792	01/29/24 11:23	CH	EET MID
Soluble	Analysis	300.0		1			71872	01/30/24 20:13	CH	EET MID

Client Sample ID: SW-1 (4.5')

Lab Sample ID: 880-38548-15
Matrix: Solid
Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	71786	01/29/24 10:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71848	01/30/24 00:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71952	01/30/24 00:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			72590	02/06/24 16:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	71751	01/27/24 21:42	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72446	02/06/24 16:06	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	71792	01/29/24 11:23	CH	EET MID
Soluble	Analysis	300.0		1			71872	01/30/24 20:20	CH	EET MID

Client Sample ID: SW-2 (1')

Lab Sample ID: 880-38548-16
Matrix: Solid
Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	71786	01/29/24 10:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71848	01/30/24 00:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71952	01/30/24 00:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			72590	02/06/24 16:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	71751	01/27/24 21:42	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72446	02/06/24 16:29	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	71792	01/29/24 11:23	CH	EET MID
Soluble	Analysis	300.0		1			71872	01/30/24 20:27	CH	EET MID

Client Sample ID: SW-3 (4.5')

Lab Sample ID: 880-38548-17
Matrix: Solid
Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	71786	01/29/24 10:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71848	01/30/24 00:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71952	01/30/24 00:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			72590	02/06/24 16:50	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	71751	01/27/24 21:42	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72446	02/06/24 16:50	SM	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-38548-1
SDG: Lea County, New Mexico

Client Sample ID: SW-3 (4.5')

Lab Sample ID: 880-38548-17
Matrix: Solid
Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	71792	01/29/24 11:23	CH	EET MID
Soluble	Analysis	300.0		1			71872	01/30/24 20:34	CH	EET MID

Client Sample ID: SW-4 (1')

Lab Sample ID: 880-38548-18
Matrix: Solid
Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	71786	01/29/24 10:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71848	01/30/24 01:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71952	01/30/24 01:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			72590	02/06/24 17:12	SM	EET MID
Total/NA	Prep	8015NM Prep			10.10 g	10 mL	71751	01/27/24 21:42	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72446	02/06/24 17:12	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	71792	01/29/24 11:23	CH	EET MID
Soluble	Analysis	300.0		1			71872	01/30/24 20:40	CH	EET MID

Client Sample ID: SW-5 (2')

Lab Sample ID: 880-38548-19
Matrix: Solid
Date Collected: 01/26/24 00:00
Date Received: 01/26/24 14:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	71786	01/29/24 10:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	71848	01/30/24 01:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			71952	01/30/24 01:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			72590	02/06/24 17:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	71751	01/27/24 21:42	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	72446	02/06/24 17:33	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	71792	01/29/24 11:23	CH	EET MID
Soluble	Analysis	300.0		1			71872	01/30/24 20:47	CH	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Carmona Resources
Job ID: 880-38548-1
Project/Site: Lacey Swiss 1 Fed Com 707H
SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-23-26	06-30-24

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
300.0		Solid	Chloride
8015 NM		Solid	Total TPH
8015B NM	8015NM Prep	Solid	Diesel Range Organics (Over C10-C28)
8015B NM	8015NM Prep	Solid	Gasoline Range Organics (GRO)-C6-C10
8015B NM	8015NM Prep	Solid	Oil Range Organics (Over C28-C36)
8021B	5035	Solid	Benzene
8021B	5035	Solid	Ethylbenzene
8021B	5035	Solid	m-Xylene & p-Xylene
8021B	5035	Solid	o-Xylene
8021B	5035	Solid	Toluene
8021B	5035	Solid	Xylenes, Total
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-38548-1
SDG: Lea County, New Mexico

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Carmona Resources
Project/Site: Lacey Swiss 1 Fed Com 707H

Job ID: 880-38548-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-38548-1	CS-1 (4.5')	Solid	01/26/24 00:00	01/26/24 14:38
880-38548-2	CS-2 (4.5')	Solid	01/26/24 00:00	01/26/24 14:38
880-38548-3	CS-3 (4.5')	Solid	01/26/24 00:00	01/26/24 14:38
880-38548-4	CS-4 (4.5')	Solid	01/26/24 00:00	01/26/24 14:38
880-38548-5	CS-5 (4.5')	Solid	01/26/24 00:00	01/26/24 14:38
880-38548-6	CS-6 (4.5')	Solid	01/26/24 00:00	01/26/24 14:38
880-38548-7	CS-7 (4.5')	Solid	01/26/24 00:00	01/26/24 14:38
880-38548-8	CS-8 (4.5')	Solid	01/26/24 00:00	01/26/24 14:38
880-38548-9	CS-9 (4.5')	Solid	01/26/24 00:00	01/26/24 14:38
880-38548-10	CS-10 (4.5')	Solid	01/26/24 00:00	01/26/24 14:38
880-38548-11	CS-11 (4.5')	Solid	01/26/24 00:00	01/26/24 14:38
880-38548-12	CS-12 (4.5')	Solid	01/26/24 00:00	01/26/24 14:38
880-38548-13	CS-13 (4.5')	Solid	01/26/24 00:00	01/26/24 14:38
880-38548-14	CS-14 (4.5')	Solid	01/26/24 00:00	01/26/24 14:38
880-38548-15	SW-1 (4.5')	Solid	01/26/24 00:00	01/26/24 14:38
880-38548-16	SW-2 (1')	Solid	01/26/24 00:00	01/26/24 14:38
880-38548-17	SW-3 (4.5')	Solid	01/26/24 00:00	01/26/24 14:38
880-38548-18	SW-4 (1')	Solid	01/26/24 00:00	01/26/24 14:38
880-38548-19	SW-5 (2')	Solid	01/26/24 00:00	01/26/24 14:38

Page 337 of 758

Chain of Custody

880-38548 Chain of Custody

Page 1 of 2

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

Work Order Comments

Program: UST/PST ☐ PRP ☐ rownfields ☐ RC ☐ perfund ☐

State of Project:

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

Deliverables EDD ☐ ADaPT ☐ Other

Project Name	Lacey Swiss 1 Fed Com 707H	Turn Around	
Project Number	1219	☐ Routine ☑ Rush	
Project Location	Lea County, New Mexico	Due Date	72 Hours
Sampler's Name:	FV		
PO #:			

SAMPLE RECEIPT				
Temp Blank.	Yes (No)	Wet Ice.	(Yes) No	
Received Intact:	(Yes) No	Thermometer ID		
Cooler Custody Seals.	Yes No (N/A)	Correction Factor		
Sample Custody Seals.	Yes No (N/A)	Temperature Reading		
Total Containers.		Corrected Temperature		

ANALYSIS REQUEST

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0
CS-1 (4 5')	1/26/2024		X		Comp	1		X	X	X
CS-2 (4 5')	1/26/2024		X		Comp	1		X	X	X
CS-3 (4 5')	1/26/2024		X		Comp	1		X	X	X
CS-4 (4 5')	1/26/2024		X		Comp	1		X	X	X
CS-5 (4 5')	1/26/2024		X		Comp	1		X	X	X
CS-6 (4 5')	1/26/2024		X		Comp	1		X	X	X
CS-7 (4.5')	1/26/2024		X		Comp	1		X	X	X
CS-8 (4 5')	1/26/2024		X		Comp	1		X	X	X
CS-9 (4.5')	1/26/2024		X		Comp	1		X	X	X
CS-10 (4.5')	1/26/2024		X		Comp	1		X	X	X

Preservative Codes

None NO — DI Water H_2O

Cool Cool — MeOH Me

HCL HC — HNO_3 HN

H_2S0_4 H_2 — NaOH Na

H_3PO_4 HP

$NaHSO_4$ NABIS

$Na_2S_2O_3$ $NaSO_3$

Zn Acetate+NaOH Zn

NaOH+Ascorbic Acid SAPC

Sample Comments

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	1/26/24 1430		

Received by OCD: 7/24/2024 3:36:41 PM

Released to Imaging: 7/30/2024 11:50:05 AM

Page 338 of 758

Chain of Custody

Loc: 880
38548
Work Order No: __ _

2/7/2024

Page ___2___ of ___2___

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

Work Order Comments

Program: UST/PST ☐ PRP ☐ rownfields ☐ RC ☐ perfund ☐
State of Project:
Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐
Deliverables EDD ☐ ADaPT ☐ Other

Project Name.	Lacey Swiss 1 Fed Com 707H	Turn Around	
Project Number	1219	☐ Routine ☑ Rush	
Project Location	Lea County, New Mexico	Due Date	72 Hours
Sampler's Name:	FV		
PO #:			

SAMPLE RECEIPT	Temp Blank	Yes No	Wet Ice	Yes No
Received Intact:	Yes No	Thermometer ID		
Cooler Custody Seals	Yes No N/A	Correction Factor		
Sample Custody Seals.	Yes No N/A	Temperature Reading		
Total Containers.		Corrected Temperature		

ANALYSIS REQUEST

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0
CS-11 (4 5')	1/26/2024		X		Comp	1		X	X	X
CS-12 (4 5')	1/26/2024		X		Comp	1		X	X	X
CS-13 (4.5')	1/26/2024		X		Comp	1		X	X	X
CS-14 (4.5')	1/26/2024		X		Comp	1		X	X	X
SW-1 (4 5')	1/26/2024		X		Comp	1		X	X	X
SW-2 (3')	1/26/2024		X		Comp	1		X	X	X
SW-3 (4 5')	1/26/2024		X		Comp	1		X	X	X
SW-4 (1')	1/26/2024		X		Comp	1		X	X	X
SW-5 (2')	1/26/2024		X		Comp	1		X	X	X

Parameters

Preservative Codes

None NO — DI Water H_2O
Cool Cool — MeOH Me
HCL HC — HNO_3. HN
H_2S0_4 H_2 — NaOH Na
H_3PO_4. HP
$NaHSO_4$ NABIS
$Na_2S_2O_3$ $NaSO_3$
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

Sample Comments

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	1/26/24 1430		

Received by OCD: 7/24/2024 3:36:41 PM

Released to Imaging: 7/30/2024 11:50:05 AM

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-38548-1
SDG Number: Lea County, New Mexico

Login Number: 38548
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

CARDINAL Laboratories

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

January 31, 2024

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: LACEY SWISS 1 FED COM 707H

Enclosed are the results of analyses for samples received by the laboratory on 01/30/24 12:32.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/30/2024	Sampling Date:	01/30/2024
Reported:	01/31/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 15 (2.5') (H240416-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2024	ND	2.20	110	2.00	4.43	
Toluene*	<0.050	0.050	01/30/2024	ND	2.18	109	2.00	4.39	
Ethylbenzene*	<0.050	0.050	01/30/2024	ND	2.16	108	2.00	4.00	
Total Xylenes*	<0.150	0.150	01/30/2024	ND	6.31	105	6.00	4.09	
Total BTEX	<0.300	0.300	01/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.5 %* *71.5-134*

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	01/31/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2024	ND	207	103	200	2.29	
DRO >C10-C28*	<10.0	10.0	01/30/2024	ND	204	102	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	01/30/2024	ND					

Surrogate: 1-Chlorooctane *87.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *77.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/30/2024	Sampling Date:	01/30/2024
Reported:	01/31/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 16 (2.5') (H240416-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2024	ND	2.20	110	2.00	4.43	
Toluene*	<0.050	0.050	01/30/2024	ND	2.18	109	2.00	4.39	
Ethylbenzene*	<0.050	0.050	01/30/2024	ND	2.16	108	2.00	4.00	
Total Xylenes*	<0.150	0.150	01/30/2024	ND	6.31	105	6.00	4.09	
Total BTEX	<0.300	0.300	01/30/2024	ND					

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

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	01/31/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2024	ND	207	103	200	2.29	
DRO >C10-C28*	<10.0	10.0	01/30/2024	ND	204	102	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	01/30/2024	ND					

Surrogate: 1-Chlorooctane *76.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *65.0 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/30/2024	Sampling Date:	01/30/2024
Reported:	01/31/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 17 (2.5') (H240416-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2024	ND	2.20	110	2.00	4.43	
Toluene*	<0.050	0.050	01/30/2024	ND	2.18	109	2.00	4.39	
Ethylbenzene*	<0.050	0.050	01/30/2024	ND	2.16	108	2.00	4.00	
Total Xylenes*	<0.150	0.150	01/30/2024	ND	6.31	105	6.00	4.09	
Total BTEX	<0.300	0.300	01/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.9 %* *71.5-134*

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	01/31/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2024	ND	207	103	200	2.29	
DRO >C10-C28*	<10.0	10.0	01/30/2024	ND	204	102	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	01/30/2024	ND					

Surrogate: 1-Chlorooctane *97.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *83.4 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/30/2024	Sampling Date:	01/30/2024
Reported:	01/31/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 18 (2.5') (H240416-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2024	ND	2.20	110	2.00	4.43	
Toluene*	<0.050	0.050	01/30/2024	ND	2.18	109	2.00	4.39	
Ethylbenzene*	<0.050	0.050	01/30/2024	ND	2.16	108	2.00	4.00	
Total Xylenes*	<0.150	0.150	01/30/2024	ND	6.31	105	6.00	4.09	
Total BTEX	<0.300	0.300	01/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.9 %* *71.5-134*

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	01/31/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2024	ND	207	103	200	2.29	
DRO >C10-C28*	<10.0	10.0	01/30/2024	ND	204	102	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	01/30/2024	ND					

Surrogate: 1-Chlorooctane *88.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *74.4 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/30/2024	Sampling Date:	01/30/2024
Reported:	01/31/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 19 (2.5') (H240416-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2024	ND	2.20	110	2.00	4.43	
Toluene*	<0.050	0.050	01/30/2024	ND	2.18	109	2.00	4.39	
Ethylbenzene*	<0.050	0.050	01/30/2024	ND	2.16	108	2.00	4.00	
Total Xylenes*	<0.150	0.150	01/30/2024	ND	6.31	105	6.00	4.09	
Total BTEX	<0.300	0.300	01/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.0 %* *71.5-134*

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	01/31/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2024	ND	207	103	200	2.29	
DRO >C10-C28*	<10.0	10.0	01/30/2024	ND	204	102	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	01/30/2024	ND					

Surrogate: 1-Chlorooctane *104 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *88.0 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/30/2024	Sampling Date:	01/30/2024
Reported:	01/31/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 20 (2.5') (H240416-06)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2024	ND	2.20	110	2.00	4.43	
Toluene*	<0.050	0.050	01/30/2024	ND	2.18	109	2.00	4.39	
Ethylbenzene*	<0.050	0.050	01/30/2024	ND	2.16	108	2.00	4.00	
Total Xylenes*	<0.150	0.150	01/30/2024	ND	6.31	105	6.00	4.09	
Total BTEX	<0.300	0.300	01/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.0 %* *71.5-134*

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	01/31/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2024	ND	207	103	200	2.29	
DRO >C10-C28*	<10.0	10.0	01/30/2024	ND	204	102	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	01/30/2024	ND					

Surrogate: 1-Chlorooctane *99.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *84.1 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/30/2024	Sampling Date:	01/30/2024
Reported:	01/31/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 21 (2.5') (H240416-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2024	ND	2.20	110	2.00	4.43	
Toluene*	<0.050	0.050	01/30/2024	ND	2.18	109	2.00	4.39	
Ethylbenzene*	<0.050	0.050	01/30/2024	ND	2.16	108	2.00	4.00	
Total Xylenes*	<0.150	0.150	01/30/2024	ND	6.31	105	6.00	4.09	
Total BTEX	<0.300	0.300	01/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.6 %* *71.5-134*

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	01/31/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2024	ND	207	103	200	2.29	
DRO >C10-C28*	<10.0	10.0	01/30/2024	ND	204	102	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	01/30/2024	ND					

Surrogate: 1-Chlorooctane *93.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *79.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/30/2024	Sampling Date:	01/30/2024
Reported:	01/31/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 22 (2.5') (H240416-08)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2024	ND	2.20	110	2.00	4.43	
Toluene*	<0.050	0.050	01/30/2024	ND	2.18	109	2.00	4.39	
Ethylbenzene*	<0.050	0.050	01/30/2024	ND	2.16	108	2.00	4.00	
Total Xylenes*	<0.150	0.150	01/30/2024	ND	6.31	105	6.00	4.09	
Total BTEX	<0.300	0.300	01/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.7 %* *71.5-134*

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	01/31/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2024	ND	207	103	200	2.29	
DRO >C10-C28*	<10.0	10.0	01/30/2024	ND	204	102	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	01/30/2024	ND					

Surrogate: 1-Chlorooctane *96.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *80.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/30/2024	Sampling Date:	01/30/2024
Reported:	01/31/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 23 (2.5') (H240416-09)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2024	ND	2.20	110	2.00	4.43	
Toluene*	<0.050	0.050	01/30/2024	ND	2.18	109	2.00	4.39	
Ethylbenzene*	<0.050	0.050	01/30/2024	ND	2.16	108	2.00	4.00	
Total Xylenes*	<0.150	0.150	01/30/2024	ND	6.31	105	6.00	4.09	
Total BTEX	<0.300	0.300	01/30/2024	ND					

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

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	01/31/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2024	ND	207	103	200	2.29	
DRO >C10-C28*	<10.0	10.0	01/30/2024	ND	204	102	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	01/30/2024	ND					

Surrogate: 1-Chlorooctane *99.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *83.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/30/2024	Sampling Date:	01/30/2024
Reported:	01/31/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 24 (2.5') (H240416-10)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2024	ND	2.20	110	2.00	4.43	
Toluene*	<0.050	0.050	01/30/2024	ND	2.18	109	2.00	4.39	
Ethylbenzene*	<0.050	0.050	01/30/2024	ND	2.16	108	2.00	4.00	
Total Xylenes*	<0.150	0.150	01/30/2024	ND	6.31	105	6.00	4.09	
Total BTEX	<0.300	0.300	01/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.8 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	01/31/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2024	ND	207	103	200	2.29	
DRO >C10-C28*	<10.0	10.0	01/30/2024	ND	204	102	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	01/30/2024	ND					

Surrogate: 1-Chlorooctane *93.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *77.8 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/30/2024	Sampling Date:	01/30/2024
Reported:	01/31/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 25 (2.5') (H240416-11)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2024	ND	2.20	110	2.00	4.43	
Toluene*	<0.050	0.050	01/30/2024	ND	2.18	109	2.00	4.39	
Ethylbenzene*	<0.050	0.050	01/30/2024	ND	2.16	108	2.00	4.00	
Total Xylenes*	<0.150	0.150	01/30/2024	ND	6.31	105	6.00	4.09	
Total BTEX	<0.300	0.300	01/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.6 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	01/31/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2024	ND	207	103	200	2.29	
DRO >C10-C28*	<10.0	10.0	01/30/2024	ND	204	102	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	01/30/2024	ND					

Surrogate: 1-Chlorooctane *80.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *66.9 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/30/2024	Sampling Date:	01/30/2024
Reported:	01/31/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 26 (2.5') (H240416-12)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2024	ND	2.20	110	2.00	4.43	
Toluene*	<0.050	0.050	01/30/2024	ND	2.18	109	2.00	4.39	
Ethylbenzene*	<0.050	0.050	01/30/2024	ND	2.16	108	2.00	4.00	
Total Xylenes*	<0.150	0.150	01/30/2024	ND	6.31	105	6.00	4.09	
Total BTEX	<0.300	0.300	01/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.6 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	01/31/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2024	ND	207	103	200	2.29	
DRO >C10-C28*	<10.0	10.0	01/30/2024	ND	204	102	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	01/30/2024	ND					

Surrogate: 1-Chlorooctane *87.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *72.3 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/30/2024	Sampling Date:	01/30/2024
Reported:	01/31/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 27 (2.5') (H240416-13)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2024	ND	2.20	110	2.00	4.43	
Toluene*	<0.050	0.050	01/30/2024	ND	2.18	109	2.00	4.39	
Ethylbenzene*	<0.050	0.050	01/30/2024	ND	2.16	108	2.00	4.00	
Total Xylenes*	<0.150	0.150	01/30/2024	ND	6.31	105	6.00	4.09	
Total BTEX	<0.300	0.300	01/30/2024	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: CT**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	01/31/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2024	ND	207	103	200	2.29	
DRO >C10-C28*	<10.0	10.0	01/30/2024	ND	204	102	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	01/30/2024	ND					

Surrogate: 1-Chlorooctane *96.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *76.9 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/30/2024	Sampling Date:	01/30/2024
Reported:	01/31/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 28 (2.5') (H240416-14)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2024	ND	2.20	110	2.00	4.43	
Toluene*	<0.050	0.050	01/30/2024	ND	2.18	109	2.00	4.39	
Ethylbenzene*	<0.050	0.050	01/30/2024	ND	2.16	108	2.00	4.00	
Total Xylenes*	<0.150	0.150	01/30/2024	ND	6.31	105	6.00	4.09	
Total BTEX	<0.300	0.300	01/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.7 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	01/31/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2024	ND	207	103	200	2.29	
DRO >C10-C28*	<10.0	10.0	01/30/2024	ND	204	102	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	01/30/2024	ND					

Surrogate: 1-Chlorooctane *88.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *71.8 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/30/2024	Sampling Date:	01/30/2024
Reported:	01/31/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 29 (2.5') (H240416-15)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2024	ND	2.20	110	2.00	4.43	
Toluene*	<0.050	0.050	01/30/2024	ND	2.18	109	2.00	4.39	
Ethylbenzene*	<0.050	0.050	01/30/2024	ND	2.16	108	2.00	4.00	
Total Xylenes*	<0.150	0.150	01/30/2024	ND	6.31	105	6.00	4.09	
Total BTEX	<0.300	0.300	01/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.4 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	01/31/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2024	ND	207	103	200	2.29	
DRO >C10-C28*	<10.0	10.0	01/30/2024	ND	204	102	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	01/30/2024	ND					

Surrogate: 1-Chlorooctane *95.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *77.6 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/30/2024	Sampling Date:	01/30/2024
Reported:	01/31/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 30 (2.5') (H240416-16)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2024	ND	2.20	110	2.00	4.43	
Toluene*	<0.050	0.050	01/30/2024	ND	2.18	109	2.00	4.39	
Ethylbenzene*	<0.050	0.050	01/30/2024	ND	2.16	108	2.00	4.00	
Total Xylenes*	<0.150	0.150	01/30/2024	ND	6.31	105	6.00	4.09	
Total BTEX	<0.300	0.300	01/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.8 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	01/31/2024	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	01/30/2024	ND	207	103	200	2.29	
DRO >C10-C28*	<10.0	10.0	01/30/2024	ND	204	102	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	01/30/2024	ND					

Surrogate: 1-Chlorooctane *105 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *86.2 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/30/2024	Sampling Date:	01/30/2024
Reported:	01/31/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 31 (2.5') (H240416-17)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2024	ND	2.20	110	2.00	4.43	
Toluene*	<0.050	0.050	01/30/2024	ND	2.18	109	2.00	4.39	
Ethylbenzene*	<0.050	0.050	01/30/2024	ND	2.16	108	2.00	4.00	
Total Xylenes*	<0.150	0.150	01/30/2024	ND	6.31	105	6.00	4.09	
Total BTEX	<0.300	0.300	01/30/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	01/31/2024	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	01/30/2024	ND	207	103	200	2.29	
DRO >C10-C28*	<10.0	10.0	01/30/2024	ND	204	102	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	01/30/2024	ND					

Surrogate: 1-Chlorooctane *99.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *80.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/30/2024	Sampling Date:	01/30/2024
Reported:	01/31/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 32 (2.5') (H240416-18)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2024	ND	2.20	110	2.00	4.43	
Toluene*	<0.050	0.050	01/30/2024	ND	2.18	109	2.00	4.39	
Ethylbenzene*	<0.050	0.050	01/30/2024	ND	2.16	108	2.00	4.00	
Total Xylenes*	<0.150	0.150	01/30/2024	ND	6.31	105	6.00	4.09	
Total BTEX	<0.300	0.300	01/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.2 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	01/31/2024	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	01/30/2024	ND	207	103	200	2.29	
DRO >C10-C28*	<10.0	10.0	01/30/2024	ND	204	102	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	01/30/2024	ND					

Surrogate: 1-Chlorooctane *85.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *70.0 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/30/2024	Sampling Date:	01/30/2024
Reported:	01/31/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 33 (2.5') (H240416-19)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2024	ND	2.20	110	2.00	4.43	
Toluene*	<0.050	0.050	01/30/2024	ND	2.18	109	2.00	4.39	
Ethylbenzene*	<0.050	0.050	01/30/2024	ND	2.16	108	2.00	4.00	
Total Xylenes*	<0.150	0.150	01/30/2024	ND	6.31	105	6.00	4.09	
Total BTEX	<0.300	0.300	01/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.0 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	01/31/2024	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	01/30/2024	ND	207	103	200	2.29	
DRO >C10-C28*	<10.0	10.0	01/30/2024	ND	204	102	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	01/30/2024	ND					

Surrogate: 1-Chlorooctane *105 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *87.4 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/30/2024	Sampling Date:	01/30/2024
Reported:	01/31/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 34 (2.5') (H240416-20)

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	01/30/2024	ND	2.20	110	2.00	4.43	
Toluene*	<0.050	0.050	01/30/2024	ND	2.18	109	2.00	4.39	
Ethylbenzene*	<0.050	0.050	01/30/2024	ND	2.16	108	2.00	4.00	
Total Xylenes*	<0.150	0.150	01/30/2024	ND	6.31	105	6.00	4.09	
Total BTEX	<0.300	0.300	01/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.7 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	01/31/2024	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	01/30/2024	ND	207	103	200	2.29	
DRO >C10-C28*	<10.0	10.0	01/30/2024	ND	204	102	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	01/30/2024	ND					

Surrogate: 1-Chlorooctane *95.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *75.3 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/30/2024	Sampling Date:	01/30/2024
Reported:	01/31/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 6 (2.5') (H240416-21)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2024	ND	1.97	98.3	2.00	9.61	
Toluene*	<0.050	0.050	01/30/2024	ND	1.97	98.6	2.00	10.2	
Ethylbenzene*	<0.050	0.050	01/30/2024	ND	1.97	98.5	2.00	10.3	
Total Xylenes*	<0.150	0.150	01/30/2024	ND	6.05	101	6.00	9.19	
Total BTEX	<0.300	0.300	01/30/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	01/31/2024	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	01/30/2024	ND	185	92.6	200	0.794	
DRO >C10-C28*	<10.0	10.0	01/30/2024	ND	200	100	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	01/30/2024	ND					

Surrogate: 1-Chlorooctane *92.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *102 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/30/2024	Sampling Date:	01/30/2024
Reported:	01/31/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 7 (2.5') (H240416-22)

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	01/30/2024	ND	1.97	98.3	2.00	9.61	
Toluene*	<0.050	0.050	01/30/2024	ND	1.97	98.6	2.00	10.2	
Ethylbenzene*	<0.050	0.050	01/30/2024	ND	1.97	98.5	2.00	10.3	
Total Xylenes*	<0.150	0.150	01/30/2024	ND	6.05	101	6.00	9.19	
Total BTEX	<0.300	0.300	01/30/2024	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	01/31/2024	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	01/30/2024	ND	185	92.6	200	0.794	
DRO >C10-C28*	<10.0	10.0	01/30/2024	ND	200	100	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	01/30/2024	ND					

Surrogate: 1-Chlorooctane *82.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *92.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/30/2024	Sampling Date:	01/30/2024
Reported:	01/31/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 8 (1') (H240416-23)

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	01/30/2024	ND	1.97	98.3	2.00	9.61	
Toluene*	<0.050	0.050	01/30/2024	ND	1.97	98.6	2.00	10.2	
Ethylbenzene*	<0.050	0.050	01/30/2024	ND	1.97	98.5	2.00	10.3	
Total Xylenes*	<0.150	0.150	01/30/2024	ND	6.05	101	6.00	9.19	
Total BTEX	<0.300	0.300	01/30/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	01/31/2024	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	01/30/2024	ND	185	92.6	200	0.794	
DRO >C10-C28*	<10.0	10.0	01/30/2024	ND	200	100	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	01/30/2024	ND					

Surrogate: 1-Chlorooctane *81.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *88.0 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/30/2024	Sampling Date:	01/30/2024
Reported:	01/31/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 9 (1') (H240416-24)

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	01/30/2024	ND	1.97	98.3	2.00	9.61	
Toluene*	<0.050	0.050	01/30/2024	ND	1.97	98.6	2.00	10.2	
Ethylbenzene*	<0.050	0.050	01/30/2024	ND	1.97	98.5	2.00	10.3	
Total Xylenes*	<0.150	0.150	01/30/2024	ND	6.05	101	6.00	9.19	
Total BTEX	<0.300	0.300	01/30/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	01/31/2024	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	01/30/2024	ND	185	92.6	200	0.794	
DRO >C10-C28*	<10.0	10.0	01/30/2024	ND	200	100	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	01/30/2024	ND					

Surrogate: 1-Chlorooctane *88.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.0 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/30/2024	Sampling Date:	01/30/2024
Reported:	01/31/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 10 (2.5') (H240416-25)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2024	ND	1.97	98.3	2.00	9.61	
Toluene*	<0.050	0.050	01/30/2024	ND	1.97	98.6	2.00	10.2	
Ethylbenzene*	<0.050	0.050	01/30/2024	ND	1.97	98.5	2.00	10.3	
Total Xylenes*	<0.150	0.150	01/30/2024	ND	6.05	101	6.00	9.19	
Total BTEX	<0.300	0.300	01/30/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	01/31/2024	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	01/30/2024	ND	185	92.6	200	0.794	
DRO >C10-C28*	<10.0	10.0	01/30/2024	ND	200	100	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	01/30/2024	ND					

Surrogate: 1-Chlorooctane *92.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *101 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/30/2024	Sampling Date:	01/30/2024
Reported:	01/31/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 11 (2.5') (H240416-26)

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	01/30/2024	ND	1.97	98.3	2.00	9.61	
Toluene*	<0.050	0.050	01/30/2024	ND	1.97	98.6	2.00	10.2	
Ethylbenzene*	<0.050	0.050	01/30/2024	ND	1.97	98.5	2.00	10.3	
Total Xylenes*	<0.150	0.150	01/30/2024	ND	6.05	101	6.00	9.19	
Total BTEX	<0.300	0.300	01/30/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	01/31/2024	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	01/30/2024	ND	185	92.6	200	0.794	
DRO >C10-C28*	<10.0	10.0	01/30/2024	ND	200	100	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	01/30/2024	ND					

Surrogate: 1-Chlorooctane *86.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *93.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/30/2024	Sampling Date:	01/30/2024
Reported:	01/31/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 12 (2.5') (H240416-27)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2024	ND	1.97	98.3	2.00	9.61	
Toluene*	<0.050	0.050	01/30/2024	ND	1.97	98.6	2.00	10.2	
Ethylbenzene*	<0.050	0.050	01/30/2024	ND	1.97	98.5	2.00	10.3	
Total Xylenes*	<0.150	0.150	01/30/2024	ND	6.05	101	6.00	9.19	
Total BTEX	<0.300	0.300	01/30/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	01/31/2024	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	01/30/2024	ND	185	92.6	200	0.794	
DRO >C10-C28*	<10.0	10.0	01/30/2024	ND	200	100	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	01/30/2024	ND					

Surrogate: 1-Chlorooctane *94.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *101 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/30/2024	Sampling Date:	01/30/2024
Reported:	01/31/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 13 (2.5') (H240416-28)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2024	ND	1.97	98.3	2.00	9.61	
Toluene*	<0.050	0.050	01/30/2024	ND	1.97	98.6	2.00	10.2	
Ethylbenzene*	<0.050	0.050	01/30/2024	ND	1.97	98.5	2.00	10.3	
Total Xylenes*	<0.150	0.150	01/30/2024	ND	6.05	101	6.00	9.19	
Total BTEX	<0.300	0.300	01/30/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	01/31/2024	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	01/30/2024	ND	185	92.6	200	0.794	
DRO >C10-C28*	<10.0	10.0	01/30/2024	ND	200	100	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	01/30/2024	ND					

Surrogate: 1-Chlorooctane *94.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *99.8 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

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

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

Page 370 of 758

Chain of Custody

Work Order No: H240416

Page 1 of 3

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

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lacey Swiss 1 Fed Com 707H	Turn Around	
Project Number:	1219	☐ Routine ☑ Rush	
Project Location	Lea County, New Mexico	Due Date:	24 HR
Sampler's Name:	FV		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	Yes (No)	
Received Intact:	(Yes) No	Thermometer ID:	140	
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:		
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-2.3°C	
Total Containers:		Corrected Temperature:		

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500
CS-15 (2.5')	1/30/2024		X		Comp	1		X	X	X
CS-16 (2.5')	1/30/2024		X		Comp	1		X	X	X
CS-17 (2.5')	1/30/2024		X		Comp	1		X	X	X
CS-18 (2.5')	1/30/2024		X		Comp	1		X	X	X
CS-19 (2.5')	1/30/2024		X		Comp	1		X	X	X
CS-20 (2.5')	1/30/2024		X		Comp	1		X	X	X
CS-21 (2.5')	1/30/2024		X		Comp	1		X	X	X
CS-22 (2.5')	1/30/2024		X		Comp	1		X	X	X
CS-23 (2.5')	1/30/2024		X		Comp	1		X	X	X
CS-24 (2.5')	1/30/2024		X		Comp	1		X	X	X

Preservative Codes

None: NO — DI Water: H_2O

Cool: Cool — MeOH: Me

HCL: HC — HNO_3: HN

H_2S0_4: H_2 — NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Sample Comments

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	1/30/24@12:32		

Received by OCD: 7/24/2024 3:36:41 PM

Released to Imaging: 7/30/2024 11:50:05 AM

Page 371 of 758

Chain of Custody

Work Order No: H240416

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

Page 2 of 3

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lacey Swiss 1 Fed Com 707H
Project Number:	1219
Project Location	Lea County, New Mexico
Sampler's Name:	FV
PO #:	

Turn Around: ☐ Routine ☑ Rush

Due Date: 24 HR

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	Yes (No)	
Received Intact:	(Yes) No	Thermometer ID:		140
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:		—
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:		-2.3°c
Total Containers:		Corrected Temperature:		

	Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500
11	CS-25 (2.5')	1/30/2024		X		Comp	1	X	X	X
12	CS-26 (2.5')	1/30/2024		X		Comp	1	X	X	X
13	CS-27 (2.5')	1/30/2024		X		Comp	1	X	X	X
14	CS-28 (2.5')	1/30/2024		X		Comp	1	X	X	X
15	CS-29 (2.5')	1/30/2024		X		Comp	1	X	X	X
16	CS-30 (2.5')	1/30/2024		X		Comp	1	X	X	X
17	CS-31 (2.5')	1/30/2024		X		Comp	1	X	X	X
18	CS-32 (2.5')	1/30/2024		X		Comp	1	X	X	X
19	CS-33 (2.5')	1/30/2024		X		Comp	1	X	X	X
20	CS-34 (2.5')	1/30/2024		X		Comp	1	X	X	X

Preservative Codes

None: NO — DI Water: H_2O

Cool: Cool — MeOH: Me

HCL: HC — HNO_3: HN

H_2S0_4: H_2 — NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Sample Comments

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	1/30/24@12:32		

Received by OCD: 7/24/2024 3:36:41 PM

Released to Imaging: 7/30/2024 11:50:05 AM

Page 372 of 758

Chain of Custody

Work Order No: H240416

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

Page 3 of 3

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lacey Swiss 1 Fed Com 707H	Turn Around	☐ Routine ☑ Rush
Project Number:	1219	Due Date:	24 HR
Project Location	Lea County, New Mexico		
Sampler's Name:	FV		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	Yes (No)	
Received Intact:	(Yes) No	Thermometer ID:	140	
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:		
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-2.3°c	
Total Containers:		Corrected Temperature:		

	Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500
21	SW-6 (2.5')	1/30/2024		X		Comp	1	X	X	X
22	SW-7 (2.5')	1/30/2024		X		Comp	1	X	X	X
23	SW-8 (1')	1/30/2024		X		Comp	1	X	X	X
24	SW-9 (1')	1/30/2024		X		Comp	1	X	X	X
25	SW-10 (2.5')	1/30/2024		X		Comp	1	X	X	X
26	SW-11 (2.5')	1/30/2024		X		Comp	1	X	X	X
27	SW-12 (2.5')	1/30/2024		X		Comp	1	X	X	X
28	SW-13 (2.5')	1/30/2024		X		Comp	1	X	X	X

Preservative Codes

None: NO — DI Water: H_2O

Cool: Cool — MeOH: Me

HCL: HC — HNO_3: HN

H_2S0_4: H_2 — NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Sample Comments

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	1/30/24@12:32		

Received by OCD: 7/24/2024 3:36:41 PM

Released to Imaging: 7/30/2024 11:50:05 AM

CARDINAL Laboratories

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

February 04, 2024

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: LACEY SWISS 1 FED COM 707H

Enclosed are the results of analyses for samples received by the laboratory on 01/31/24 12:11.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/31/2024	Sampling Date:	01/31/2024
Reported:	02/04/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 35 (3.5') (H240433-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2024	ND	2.01	100	2.00	3.17	
Toluene*	<0.050	0.050	01/31/2024	ND	2.05	103	2.00	2.40	
Ethylbenzene*	<0.050	0.050	01/31/2024	ND	2.04	102	2.00	2.99	
Total Xylenes*	<0.150	0.150	01/31/2024	ND	6.12	102	6.00	2.29	
Total BTEX	<0.300	0.300	01/31/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**288**	16.0	01/31/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2024	ND	195	97.7	200	1.50	
DRO >C10-C28*	**31.5**	10.0	01/31/2024	ND	194	96.9	200	0.873	
EXT DRO >C28-C36	<10.0	10.0	01/31/2024	ND					

Surrogate: 1-Chlorooctane *97.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.8 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/31/2024	Sampling Date:	01/31/2024
Reported:	02/04/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 36 (3.5') (H240433-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2024	ND	2.01	100	2.00	3.17	
Toluene*	<0.050	0.050	01/31/2024	ND	2.05	103	2.00	2.40	
Ethylbenzene*	<0.050	0.050	01/31/2024	ND	2.04	102	2.00	2.99	
Total Xylenes*	<0.150	0.150	01/31/2024	ND	6.12	102	6.00	2.29	
Total BTEX	<0.300	0.300	01/31/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**400**	16.0	01/31/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2024	ND	195	97.7	200	1.50	
DRO >C10-C28*	**26.1**	10.0	01/31/2024	ND	194	96.9	200	0.873	
EXT DRO >C28-C36	<10.0	10.0	01/31/2024	ND					

Surrogate: 1-Chlorooctane *101 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *98.3 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/31/2024	Sampling Date:	01/31/2024
Reported:	02/04/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 37 (3.5') (H240433-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2024	ND	2.01	100	2.00	3.17	
Toluene*	<0.050	0.050	01/31/2024	ND	2.05	103	2.00	2.40	
Ethylbenzene*	<0.050	0.050	01/31/2024	ND	2.04	102	2.00	2.99	
Total Xylenes*	<0.150	0.150	01/31/2024	ND	6.12	102	6.00	2.29	
Total BTEX	<0.300	0.300	01/31/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**224**	16.0	01/31/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2024	ND	195	97.7	200	1.50	
DRO >C10-C28*	<10.0	10.0	01/31/2024	ND	194	96.9	200	0.873	
EXT DRO >C28-C36	<10.0	10.0	01/31/2024	ND					

Surrogate: 1-Chlorooctane *90.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *87.0 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/31/2024	Sampling Date:	01/31/2024
Reported:	02/04/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 38 (3.5') (H240433-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2024	ND	2.01	100	2.00	3.17	
Toluene*	<0.050	0.050	01/31/2024	ND	2.05	103	2.00	2.40	
Ethylbenzene*	<0.050	0.050	01/31/2024	ND	2.04	102	2.00	2.99	
Total Xylenes*	<0.150	0.150	01/31/2024	ND	6.12	102	6.00	2.29	
Total BTEX	<0.300	0.300	01/31/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**288**	16.0	01/31/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2024	ND	195	97.7	200	1.50	
DRO >C10-C28*	**12.7**	10.0	01/31/2024	ND	194	96.9	200	0.873	
EXT DRO >C28-C36	<10.0	10.0	01/31/2024	ND					

Surrogate: 1-Chlorooctane *72.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *69.1 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/31/2024	Sampling Date:	01/31/2024
Reported:	02/04/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 39 (3.5') (H240433-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2024	ND	2.01	100	2.00	3.17	
Toluene*	<0.050	0.050	01/31/2024	ND	2.05	103	2.00	2.40	
Ethylbenzene*	<0.050	0.050	01/31/2024	ND	2.04	102	2.00	2.99	
Total Xylenes*	<0.150	0.150	01/31/2024	ND	6.12	102	6.00	2.29	
Total BTEX	<0.300	0.300	01/31/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**320**	16.0	01/31/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2024	ND	195	97.7	200	1.50	
DRO >C10-C28*	<10.0	10.0	01/31/2024	ND	194	96.9	200	0.873	
EXT DRO >C28-C36	<10.0	10.0	01/31/2024	ND					

Surrogate: 1-Chlorooctane *101 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *97.6 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/31/2024	Sampling Date:	01/31/2024
Reported:	02/04/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 40 (3.5') (H240433-06)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2024	ND	2.01	100	2.00	3.17	
Toluene*	<0.050	0.050	01/31/2024	ND	2.05	103	2.00	2.40	
Ethylbenzene*	<0.050	0.050	01/31/2024	ND	2.04	102	2.00	2.99	
Total Xylenes*	<0.150	0.150	01/31/2024	ND	6.12	102	6.00	2.29	
Total BTEX	<0.300	0.300	01/31/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**320**	16.0	01/31/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2024	ND	195	97.7	200	1.50	
DRO >C10-C28*	**15.1**	10.0	01/31/2024	ND	194	96.9	200	0.873	
EXT DRO >C28-C36	<10.0	10.0	01/31/2024	ND					

Surrogate: 1-Chlorooctane *82.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *78.6 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/31/2024	Sampling Date:	01/31/2024
Reported:	02/04/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 41 (3.5') (H240433-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2024	ND	2.01	100	2.00	3.17	
Toluene*	<0.050	0.050	01/31/2024	ND	2.05	103	2.00	2.40	
Ethylbenzene*	<0.050	0.050	01/31/2024	ND	2.04	102	2.00	2.99	
Total Xylenes*	<0.150	0.150	01/31/2024	ND	6.12	102	6.00	2.29	
Total BTEX	<0.300	0.300	01/31/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**240**	16.0	01/31/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/31/2024	ND	195	97.7	200	1.50	
DRO >C10-C28*	<10.0	10.0	01/31/2024	ND	194	96.9	200	0.873	
EXT DRO >C28-C36	<10.0	10.0	01/31/2024	ND					

Surrogate: 1-Chlorooctane *93.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *89.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/31/2024	Sampling Date:	01/31/2024
Reported:	02/04/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 42 (3.5') (H240433-08)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2024	ND	2.01	100	2.00	3.17	
Toluene*	<0.050	0.050	01/31/2024	ND	2.05	103	2.00	2.40	
Ethylbenzene*	<0.050	0.050	01/31/2024	ND	2.04	102	2.00	2.99	
Total Xylenes*	<0.150	0.150	01/31/2024	ND	6.12	102	6.00	2.29	
Total BTEX	<0.300	0.300	01/31/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**208**	16.0	01/31/2024	ND	448	112	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	01/31/2024	ND	195	97.7	200	1.50	
DRO >C10-C28*	<10.0	10.0	01/31/2024	ND	194	96.9	200	0.873	
EXT DRO >C28-C36	<10.0	10.0	01/31/2024	ND					

Surrogate: 1-Chlorooctane *73.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *69.4 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/31/2024	Sampling Date:	01/31/2024
Reported:	02/04/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 43 (3.5') (H240433-09)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2024	ND	2.01	100	2.00	3.17	
Toluene*	<0.050	0.050	01/31/2024	ND	2.05	103	2.00	2.40	
Ethylbenzene*	<0.050	0.050	01/31/2024	ND	2.04	102	2.00	2.99	
Total Xylenes*	<0.150	0.150	01/31/2024	ND	6.12	102	6.00	2.29	
Total BTEX	<0.300	0.300	01/31/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**208**	16.0	01/31/2024	ND	448	112	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	01/31/2024	ND	195	97.7	200	1.50	
DRO >C10-C28*	<10.0	10.0	01/31/2024	ND	194	96.9	200	0.873	
EXT DRO >C28-C36	<10.0	10.0	01/31/2024	ND					

Surrogate: 1-Chlorooctane *86.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *82.9 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/31/2024	Sampling Date:	01/31/2024
Reported:	02/04/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 44 (3.5') (H240433-10)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2024	ND	2.01	100	2.00	3.17	
Toluene*	<0.050	0.050	01/31/2024	ND	2.05	103	2.00	2.40	
Ethylbenzene*	<0.050	0.050	01/31/2024	ND	2.04	102	2.00	2.99	
Total Xylenes*	<0.150	0.150	01/31/2024	ND	6.12	102	6.00	2.29	
Total BTEX	<0.300	0.300	01/31/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**208**	16.0	01/31/2024	ND	448	112	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	01/31/2024	ND	195	97.7	200	1.50	
DRO >C10-C28*	<10.0	10.0	01/31/2024	ND	194	96.9	200	0.873	
EXT DRO >C28-C36	<10.0	10.0	01/31/2024	ND					

Surrogate: 1-Chlorooctane *81.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *77.9 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/31/2024	Sampling Date:	01/31/2024
Reported:	02/04/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 45 (3.5') (H240433-11)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2024	ND	2.01	100	2.00	3.17	
Toluene*	<0.050	0.050	01/31/2024	ND	2.05	103	2.00	2.40	
Ethylbenzene*	<0.050	0.050	01/31/2024	ND	2.04	102	2.00	2.99	
Total Xylenes*	<0.150	0.150	01/31/2024	ND	6.12	102	6.00	2.29	
Total BTEX	<0.300	0.300	01/31/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**176**	16.0	01/31/2024	ND	448	112	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	01/31/2024	ND	195	97.7	200	1.50	
DRO >C10-C28*	<10.0	10.0	01/31/2024	ND	194	96.9	200	0.873	
EXT DRO >C28-C36	<10.0	10.0	01/31/2024	ND					

Surrogate: 1-Chlorooctane *74.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *71.6 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/31/2024	Sampling Date:	01/31/2024
Reported:	02/04/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 46 (3.5') (H240433-12)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2024	ND	2.01	100	2.00	3.17	
Toluene*	<0.050	0.050	01/31/2024	ND	2.05	103	2.00	2.40	
Ethylbenzene*	<0.050	0.050	01/31/2024	ND	2.04	102	2.00	2.99	
Total Xylenes*	<0.150	0.150	01/31/2024	ND	6.12	102	6.00	2.29	
Total BTEX	<0.300	0.300	01/31/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	01/31/2024	ND	448	112	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	01/31/2024	ND	195	97.7	200	1.50	
DRO >C10-C28*	<10.0	10.0	01/31/2024	ND	194	96.9	200	0.873	
EXT DRO >C28-C36	<10.0	10.0	01/31/2024	ND					

Surrogate: 1-Chlorooctane *98.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *94.2 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/31/2024	Sampling Date:	01/31/2024
Reported:	02/04/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 47 (3.5') (H240433-13)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2024	ND	2.01	100	2.00	3.17	
Toluene*	<0.050	0.050	01/31/2024	ND	2.05	103	2.00	2.40	
Ethylbenzene*	<0.050	0.050	01/31/2024	ND	2.04	102	2.00	2.99	
Total Xylenes*	<0.150	0.150	01/31/2024	ND	6.12	102	6.00	2.29	
Total BTEX	<0.300	0.300	01/31/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	01/31/2024	ND	448	112	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	01/31/2024	ND	195	97.7	200	1.50	
DRO >C10-C28*	<10.0	10.0	01/31/2024	ND	194	96.9	200	0.873	
EXT DRO >C28-C36	<10.0	10.0	01/31/2024	ND					

Surrogate: 1-Chlorooctane *79.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *76.2 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/31/2024	Sampling Date:	01/31/2024
Reported:	02/04/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 48 (3.5') (H240433-14)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2024	ND	2.01	100	2.00	3.17	
Toluene*	<0.050	0.050	01/31/2024	ND	2.05	103	2.00	2.40	
Ethylbenzene*	<0.050	0.050	01/31/2024	ND	2.04	102	2.00	2.99	
Total Xylenes*	<0.150	0.150	01/31/2024	ND	6.12	102	6.00	2.29	
Total BTEX	<0.300	0.300	01/31/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	01/31/2024	ND	448	112	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	01/31/2024	ND	195	97.7	200	1.50	
DRO >C10-C28*	<10.0	10.0	01/31/2024	ND	194	96.9	200	0.873	
EXT DRO >C28-C36	<10.0	10.0	01/31/2024	ND					

Surrogate: 1-Chlorooctane *99.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *94.8 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/31/2024	Sampling Date:	01/31/2024
Reported:	02/04/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 49 (3.5') (H240433-15)

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	02/01/2024	ND	2.01	100	2.00	3.17	
Toluene*	<0.050	0.050	02/01/2024	ND	2.05	103	2.00	2.40	
Ethylbenzene*	<0.050	0.050	02/01/2024	ND	2.04	102	2.00	2.99	
Total Xylenes*	<0.150	0.150	02/01/2024	ND	6.12	102	6.00	2.29	
Total BTEX	<0.300	0.300	02/01/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	01/31/2024	ND	448	112	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	01/31/2024	ND	195	97.7	200	1.50	
DRO >C10-C28*	<10.0	10.0	01/31/2024	ND	194	96.9	200	0.873	
EXT DRO >C28-C36	<10.0	10.0	01/31/2024	ND					

Surrogate: 1-Chlorooctane *98.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *93.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/31/2024	Sampling Date:	01/31/2024
Reported:	02/04/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 50 (3.5') (H240433-16)

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	02/01/2024	ND	2.01	100	2.00	3.17	
Toluene*	<0.050	0.050	02/01/2024	ND	2.05	103	2.00	2.40	
Ethylbenzene*	<0.050	0.050	02/01/2024	ND	2.04	102	2.00	2.99	
Total Xylenes*	<0.150	0.150	02/01/2024	ND	6.12	102	6.00	2.29	
Total BTEX	<0.300	0.300	02/01/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	01/31/2024	ND	448	112	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	01/31/2024	ND	195	97.7	200	1.50	
DRO >C10-C28*	<10.0	10.0	01/31/2024	ND	194	96.9	200	0.873	
EXT DRO >C28-C36	<10.0	10.0	01/31/2024	ND					

Surrogate: 1-Chlorooctane *97.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *93.3 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/31/2024	Sampling Date:	01/31/2024
Reported:	02/04/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 51 (3.5') (H240433-17)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2024	ND	2.01	100	2.00	3.17	
Toluene*	<0.050	0.050	02/01/2024	ND	2.05	103	2.00	2.40	
Ethylbenzene*	<0.050	0.050	02/01/2024	ND	2.04	102	2.00	2.99	
Total Xylenes*	<0.150	0.150	02/01/2024	ND	6.12	102	6.00	2.29	
Total BTEX	<0.300	0.300	02/01/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	01/31/2024	ND	448	112	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	01/31/2024	ND	195	97.7	200	1.50	
DRO >C10-C28*	<10.0	10.0	01/31/2024	ND	194	96.9	200	0.873	
EXT DRO >C28-C36	<10.0	10.0	01/31/2024	ND					

Surrogate: 1-Chlorooctane *89.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *85.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/31/2024	Sampling Date:	01/31/2024
Reported:	02/04/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 52 (3.5') (H240433-18)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2024	ND	2.23	112	2.00	3.22	
Toluene*	<0.050	0.050	01/31/2024	ND	2.24	112	2.00	3.60	
Ethylbenzene*	<0.050	0.050	01/31/2024	ND	2.21	110	2.00	2.89	
Total Xylenes*	<0.150	0.150	01/31/2024	ND	6.63	111	6.00	2.26	
Total BTEX	<0.300	0.300	01/31/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	01/31/2024	ND	448	112	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	01/31/2024	ND	194	97.1	200	0.664	
DRO >C10-C28*	<10.0	10.0	01/31/2024	ND	198	99.1	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	01/31/2024	ND					

Surrogate: 1-Chlorooctane *107 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *97.3 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/31/2024	Sampling Date:	01/31/2024
Reported:	02/04/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 53 (3.5') (H240433-19)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2024	ND	2.23	112	2.00	3.22	
Toluene*	<0.050	0.050	01/31/2024	ND	2.24	112	2.00	3.60	
Ethylbenzene*	<0.050	0.050	01/31/2024	ND	2.21	110	2.00	2.89	
Total Xylenes*	<0.150	0.150	01/31/2024	ND	6.63	111	6.00	2.26	
Total BTEX	<0.300	0.300	01/31/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	01/31/2024	ND	448	112	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	01/31/2024	ND	194	97.1	200	0.664	
DRO >C10-C28*	<10.0	10.0	01/31/2024	ND	198	99.1	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	01/31/2024	ND					

Surrogate: 1-Chlorooctane *96.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *87.0 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/31/2024	Sampling Date:	01/31/2024
Reported:	02/04/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 54 (3.5') (H240433-20)

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	01/31/2024	ND	2.23	112	2.00	3.22	
Toluene*	<0.050	0.050	01/31/2024	ND	2.24	112	2.00	3.60	
Ethylbenzene*	<0.050	0.050	01/31/2024	ND	2.21	110	2.00	2.89	
Total Xylenes*	<0.150	0.150	01/31/2024	ND	6.63	111	6.00	2.26	
Total BTEX	<0.300	0.300	01/31/2024	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: CT**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	16.0	01/31/2024	ND	448	112	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	01/31/2024	ND	194	97.1	200	0.664	
DRO >C10-C28*	<10.0	10.0	01/31/2024	ND	198	99.1	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	01/31/2024	ND					

Surrogate: 1-Chlorooctane *105 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *94.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/31/2024	Sampling Date:	01/31/2024
Reported:	02/04/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 55 (3.5') (H240433-21)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2024	ND	2.23	112	2.00	3.22	
Toluene*	<0.050	0.050	01/31/2024	ND	2.24	112	2.00	3.60	
Ethylbenzene*	<0.050	0.050	01/31/2024	ND	2.21	110	2.00	2.89	
Total Xylenes*	<0.150	0.150	01/31/2024	ND	6.63	111	6.00	2.26	
Total BTEX	<0.300	0.300	01/31/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	01/31/2024	ND	448	112	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	01/31/2024	ND	194	97.1	200	0.664	
DRO >C10-C28*	<10.0	10.0	01/31/2024	ND	198	99.1	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	01/31/2024	ND					

Surrogate: 1-Chlorooctane *106 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *97.1 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/31/2024	Sampling Date:	01/31/2024
Reported:	02/04/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 56 (3.5') (H240433-22)

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	01/31/2024	ND	2.23	112	2.00	3.22	
Toluene*	<0.050	0.050	01/31/2024	ND	2.24	112	2.00	3.60	
Ethylbenzene*	<0.050	0.050	01/31/2024	ND	2.21	110	2.00	2.89	
Total Xylenes*	<0.150	0.150	01/31/2024	ND	6.63	111	6.00	2.26	
Total BTEX	<0.300	0.300	01/31/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	01/31/2024	ND	448	112	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	01/31/2024	ND	194	97.1	200	0.664	
DRO >C10-C28*	<10.0	10.0	01/31/2024	ND	198	99.1	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	01/31/2024	ND					

Surrogate: 1-Chlorooctane *105 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/31/2024	Sampling Date:	01/31/2024
Reported:	02/04/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 57 (3.5') (H240433-23)

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	01/31/2024	ND	2.23	112	2.00	3.22	
Toluene*	<0.050	0.050	01/31/2024	ND	2.24	112	2.00	3.60	
Ethylbenzene*	<0.050	0.050	01/31/2024	ND	2.21	110	2.00	2.89	
Total Xylenes*	<0.150	0.150	01/31/2024	ND	6.63	111	6.00	2.26	
Total BTEX	<0.300	0.300	01/31/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	01/31/2024	ND	448	112	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	01/31/2024	ND	194	97.1	200	0.664	
DRO >C10-C28*	**11.3**	10.0	01/31/2024	ND	198	99.1	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	01/31/2024	ND					

Surrogate: 1-Chlorooctane *105 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *98.9 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/31/2024	Sampling Date:	01/31/2024
Reported:	02/04/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 58 (3.5') (H240433-24)

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	01/31/2024	ND	2.23	112	2.00	3.22	
Toluene*	<0.050	0.050	01/31/2024	ND	2.24	112	2.00	3.60	
Ethylbenzene*	<0.050	0.050	01/31/2024	ND	2.21	110	2.00	2.89	
Total Xylenes*	<0.150	0.150	01/31/2024	ND	6.63	111	6.00	2.26	
Total BTEX	<0.300	0.300	01/31/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	01/31/2024	ND	448	112	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	01/31/2024	ND	194	97.1	200	0.664	
DRO >C10-C28*	<10.0	10.0	01/31/2024	ND	198	99.1	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	01/31/2024	ND					

Surrogate: 1-Chlorooctane *104 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.2 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/31/2024	Sampling Date:	01/31/2024
Reported:	02/04/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 59 (3.5') (H240433-25)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2024	ND	2.23	112	2.00	3.22	
Toluene*	<0.050	0.050	01/31/2024	ND	2.24	112	2.00	3.60	
Ethylbenzene*	<0.050	0.050	01/31/2024	ND	2.21	110	2.00	2.89	
Total Xylenes*	<0.150	0.150	01/31/2024	ND	6.63	111	6.00	2.26	
Total BTEX	<0.300	0.300	01/31/2024	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: CT**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	01/31/2024	ND	448	112	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	01/31/2024	ND	194	97.1	200	0.664	
DRO >C10-C28*	**16.0**	10.0	01/31/2024	ND	198	99.1	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	01/31/2024	ND					

Surrogate: 1-Chlorooctane *104 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.3 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/31/2024	Sampling Date:	01/31/2024
Reported:	02/04/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 60 (3.5') (H240433-26)

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	01/31/2024	ND	2.23	112	2.00	3.22	
Toluene*	<0.050	0.050	01/31/2024	ND	2.24	112	2.00	3.60	
Ethylbenzene*	<0.050	0.050	01/31/2024	ND	2.21	110	2.00	2.89	
Total Xylenes*	<0.150	0.150	01/31/2024	ND	6.63	111	6.00	2.26	
Total BTEX	<0.300	0.300	01/31/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**208**	16.0	01/31/2024	ND	448	112	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	01/31/2024	ND	194	97.1	200	0.664	
DRO >C10-C28*	**21.1**	10.0	01/31/2024	ND	198	99.1	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	01/31/2024	ND					

Surrogate: 1-Chlorooctane *96.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *89.9 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/31/2024	Sampling Date:	01/31/2024
Reported:	02/04/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 61 (3.5') (H240433-27)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2024	ND	2.23	112	2.00	3.22	
Toluene*	<0.050	0.050	01/31/2024	ND	2.24	112	2.00	3.60	
Ethylbenzene*	<0.050	0.050	01/31/2024	ND	2.21	110	2.00	2.89	
Total Xylenes*	<0.150	0.150	01/31/2024	ND	6.63	111	6.00	2.26	
Total BTEX	<0.300	0.300	01/31/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	01/31/2024	ND	448	112	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	01/31/2024	ND	194	97.1	200	0.664	
DRO >C10-C28*	**10.6**	10.0	01/31/2024	ND	198	99.1	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	01/31/2024	ND					

Surrogate: 1-Chlorooctane *96.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *86.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/31/2024	Sampling Date:	01/31/2024
Reported:	02/04/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 62 (3.5') (H240433-28)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2024	ND	2.23	112	2.00	3.22	
Toluene*	<0.050	0.050	01/31/2024	ND	2.24	112	2.00	3.60	
Ethylbenzene*	<0.050	0.050	01/31/2024	ND	2.21	110	2.00	2.89	
Total Xylenes*	<0.150	0.150	01/31/2024	ND	6.63	111	6.00	2.26	
Total BTEX	<0.300	0.300	01/31/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	16.0	01/31/2024	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	01/31/2024	ND	194	97.1	200	0.664	
DRO >C10-C28*	**10.9**	10.0	01/31/2024	ND	198	99.1	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	01/31/2024	ND					

Surrogate: 1-Chlorooctane *95.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *87.8 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/31/2024	Sampling Date:	01/31/2024
Reported:	02/04/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 63 (3.5') (H240433-29)

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	01/31/2024	ND	2.23	112	2.00	3.22	
Toluene*	<0.050	0.050	01/31/2024	ND	2.24	112	2.00	3.60	
Ethylbenzene*	<0.050	0.050	01/31/2024	ND	2.21	110	2.00	2.89	
Total Xylenes*	<0.150	0.150	01/31/2024	ND	6.63	111	6.00	2.26	
Total BTEX	<0.300	0.300	01/31/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	01/31/2024	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	01/31/2024	ND	194	97.1	200	0.664	
DRO >C10-C28*	<10.0	10.0	01/31/2024	ND	198	99.1	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	01/31/2024	ND					

Surrogate: 1-Chlorooctane *104 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.4 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/31/2024	Sampling Date:	01/31/2024
Reported:	02/04/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 64 (3.5') (H240433-30)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2024	ND	2.23	112	2.00	3.22	
Toluene*	<0.050	0.050	01/31/2024	ND	2.24	112	2.00	3.60	
Ethylbenzene*	<0.050	0.050	01/31/2024	ND	2.21	110	2.00	2.89	
Total Xylenes*	<0.150	0.150	01/31/2024	ND	6.63	111	6.00	2.26	
Total BTEX	<0.300	0.300	01/31/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**176**	16.0	01/31/2024	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	01/31/2024	ND	194	97.1	200	0.664	
DRO >C10-C28*	<10.0	10.0	01/31/2024	ND	198	99.1	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	01/31/2024	ND					

Surrogate: 1-Chlorooctane *108 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.6 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/31/2024	Sampling Date:	01/31/2024
Reported:	02/04/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 65 (3.5') (H240433-31)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2024	ND	2.23	112	2.00	3.22	
Toluene*	<0.050	0.050	01/31/2024	ND	2.24	112	2.00	3.60	
Ethylbenzene*	<0.050	0.050	01/31/2024	ND	2.21	110	2.00	2.89	
Total Xylenes*	<0.150	0.150	01/31/2024	ND	6.63	111	6.00	2.26	
Total BTEX	<0.300	0.300	01/31/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	01/31/2024	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	01/31/2024	ND	194	97.1	200	0.664	
DRO >C10-C28*	<10.0	10.0	01/31/2024	ND	198	99.1	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	01/31/2024	ND					

Surrogate: 1-Chlorooctane *108 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/31/2024	Sampling Date:	01/31/2024
Reported:	02/04/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 14 (3.5') (H240433-32)

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	01/31/2024	ND	2.23	112	2.00	3.22	
Toluene*	<0.050	0.050	01/31/2024	ND	2.24	112	2.00	3.60	
Ethylbenzene*	<0.050	0.050	01/31/2024	ND	2.21	110	2.00	2.89	
Total Xylenes*	<0.150	0.150	01/31/2024	ND	6.63	111	6.00	2.26	
Total BTEX	<0.300	0.300	01/31/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**256**	16.0	01/31/2024	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	01/31/2024	ND	194	97.1	200	0.664	
DRO >C10-C28*	<10.0	10.0	01/31/2024	ND	198	99.1	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	01/31/2024	ND					

Surrogate: 1-Chlorooctane *109 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.9 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/31/2024	Sampling Date:	01/31/2024
Reported:	02/04/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 15 (3.5') (H240433-33)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2024	ND	2.23	112	2.00	3.22	
Toluene*	<0.050	0.050	01/31/2024	ND	2.24	112	2.00	3.60	
Ethylbenzene*	<0.050	0.050	01/31/2024	ND	2.21	110	2.00	2.89	
Total Xylenes*	<0.150	0.150	01/31/2024	ND	6.63	111	6.00	2.26	
Total BTEX	<0.300	0.300	01/31/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**224**	16.0	01/31/2024	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	01/31/2024	ND	194	97.1	200	0.664	
DRO >C10-C28*	<10.0	10.0	01/31/2024	ND	198	99.1	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	01/31/2024	ND					

Surrogate: 1-Chlorooctane *104 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *93.3 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/31/2024	Sampling Date:	01/31/2024
Reported:	02/04/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 16 (3.5') (H240433-34)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2024	ND	2.23	112	2.00	3.22	
Toluene*	<0.050	0.050	01/31/2024	ND	2.24	112	2.00	3.60	
Ethylbenzene*	<0.050	0.050	01/31/2024	ND	2.21	110	2.00	2.89	
Total Xylenes*	<0.150	0.150	01/31/2024	ND	6.63	111	6.00	2.26	
Total BTEX	<0.300	0.300	01/31/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**208**	16.0	01/31/2024	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	01/31/2024	ND	194	97.1	200	0.664	
DRO >C10-C28*	<10.0	10.0	01/31/2024	ND	198	99.1	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	01/31/2024	ND					

Surrogate: 1-Chlorooctane *110 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.6 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/31/2024	Sampling Date:	01/31/2024
Reported:	02/04/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 17 (2') (H240433-35)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2024	ND	2.23	112	2.00	3.22	
Toluene*	<0.050	0.050	01/31/2024	ND	2.24	112	2.00	3.60	
Ethylbenzene*	<0.050	0.050	01/31/2024	ND	2.21	110	2.00	2.89	
Total Xylenes*	<0.150	0.150	01/31/2024	ND	6.63	111	6.00	2.26	
Total BTEX	<0.300	0.300	01/31/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**224**	16.0	01/31/2024	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	01/31/2024	ND	194	97.1	200	0.664	
DRO >C10-C28*	<10.0	10.0	01/31/2024	ND	198	99.1	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	01/31/2024	ND					

Surrogate: 1-Chlorooctane *108 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.8 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	01/31/2024	Sampling Date:	01/31/2024
Reported:	02/04/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 18 (3.5') (H240433-36)

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	01/31/2024	ND	2.23	112	2.00	3.22	
Toluene*	<0.050	0.050	01/31/2024	ND	2.24	112	2.00	3.60	
Ethylbenzene*	<0.050	0.050	01/31/2024	ND	2.21	110	2.00	2.89	
Total Xylenes*	<0.150	0.150	01/31/2024	ND	6.63	111	6.00	2.26	
Total BTEX	<0.300	0.300	01/31/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**240**	16.0	01/31/2024	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	01/31/2024	ND	194	97.1	200	0.664	
DRO >C10-C28*	<10.0	10.0	01/31/2024	ND	198	99.1	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	01/31/2024	ND					

Surrogate: 1-Chlorooctane *107 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *94.6 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

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

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

Page 411 of 758

Page 39 of 42

Chain of Custody

Work Order No: H240433

Page 1 of 4

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

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lacey Swiss 1 Fed Com 707H	Turn Around	Pres. Code
Project Number:	1219	☐ Routine ☑ Rush *	
Project Location	Lea County, New Mexico	Due Date: ~~24 HR~~ 3 Day	
Sampler's Name:	FV		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	Yes (No)	
Received Intact:	(Yes) No	Thermometer ID:	140	
Cooler Custody Seals:	Yes (No) N/A	Correction Factor:	—	
Sample Custody Seals:	Yes (No) N/A	Temperature Reading:	2.2	
Total Containers:		Corrected Temperature:	—	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500												
CS-35 (3.5')	1/31/2024		X		Comp	1	X	X	X												1
CS-36 (3.5')	1/31/2024		X		Comp	1	X	X	X												2
CS-37 (3.5')	1/31/2024		X		Comp	1	X	X	X												3
CS-38 (3.5')	1/31/2024		X		Comp	1	X	X	X												4
CS-39 (3.5')	1/31/2024		X		Comp	1	X	X	X												5
CS-40 (3.5')	1/31/2024		X		Comp	1	X	X	X												6
CS-41 (3.5')	1/31/2024		X		Comp	1	X	X	X												7
CS-42 (3.5')	1/31/2024		X		Comp	1	X	X	X												8
CS-43 (3.5')	1/31/2024		X		Comp	1	X	X	X												9
CS-44 (3.5')	1/31/2024		X		Comp	1	X	X	X												10

ANALYSIS REQUEST

Preservative Codes

None: NO — DI Water: H_2O

Cool: Cool — MeOH: Me

HCL: HC — HNO_3: HN

H_2S0_4: H_2 — NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Sample Comments

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

* Cust. called and requested a 3 day TAT. P.O. 1/31/24 @ 1408

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	1/31/24 @ 12:11		1-31-24 1211

Received by OCD: 7/24/2024 3:36:41 PM

Released to Imaging: 7/30/2024 11:50:05 AM

Page 412 of 758

Page 40 of 42

Chain of Custody

Work Order No: H240433

Page 2 of 4

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

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lacey Swiss 1 Fed Com 707H	Turn Around	
Project Number:	1219	☐ Routine ☑ Rush	
Project Location	Lea County, New Mexico	Due Date:	~~24 HR~~ *
Sampler's Name:	FV		3 Day
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	Yes (No)	
Received Intact:	(Yes) No	Thermometer ID:	140	
Cooler Custody Seals:	Yes (No) N/A	Correction Factor:	-	
Sample Custody Seals:	Yes (No) N/A	Temperature Reading:	2.2c	
Total Containers:		Corrected Temperature:	—	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
CS-45 (3.5')	1/31/2024		X		Comp	1		X	X	X	11
CS-46 (3.5')	1/31/2024		X		Comp	1		X	X	X	12
CS-47 (3.5')	1/31/2024		X		Comp	1		X	X	X	13
CS-48 (3.5')	1/31/2024		X		Comp	1		X	X	X	14
CS-49 (3.5')	1/31/2024		X		Comp	1		X	X	X	15
CS-50 (3.5')	1/31/2024		X		Comp	1		X	X	X	16
CS-51 (3.5')	1/31/2024		X		Comp	1		X	X	X	17
CS-52 (3.5')	1/31/2024		X		Comp	1		X	X	X	18
CS-53 (3.5')	1/31/2024		X		Comp	1		X	X	X	19
CS-54 (3.5')	1/31/2024		X		Comp	1		X	X	X	20

Preservative Codes

None: NO — DI Water: H_2O

Cool: Cool — MeOH: Me

HCL: HC — HNO_3: HN

H_2S0_4: H_2 — NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

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

* Customer called and requested a 3 day TAT. TO 1/31/24 @ 1408

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	1/31/24 @ 12:11	S Rodriguez	1.31.24 1211

Received by OCD: 7/24/2024 3:36:41 PM

Released to Imaging: 7/30/2024 11:50:05 AM

Page 413 of 758

Received by OCD: 7/24/2024 3:36:41 PM

Chain of Custody

Work Order No: H240433

Page 3 of 4

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

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lacey Swiss 1 Fed Com 707H	Turn Around	
Project Number:	1219	☐ Routine ☑ Rush	
Project Location	Lea County, New Mexico	Due Date:	~~24 HR~~ 3 Day
Sampler's Name:	FV		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	Yes (No)	
Received Intact:	(Yes) No	Thermometer ID:	140	
Cooler Custody Seals:	Yes (No) N/A	Correction Factor:	—	
Sample Custody Seals:	Yes (No) N/A	Temperature Reading:	2.2	
Total Containers:		Corrected Temperature:	—	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
CS-55 (3.5')	1/31/2024		X		Comp	1	TO: 1/31/24	X	X	X	21
CS-56 (3.5')	1/31/2024		X		Comp	1		X	X	X	22
CS-57 (3.5')	1/31/2024		X		Comp	1		X	X	X	23
CS-58 (3.5')	1/31/2024		X		Comp	1		X	X	X	24
CS-59 (3.5')	1/31/2024		X		Comp	1		X	X	X	25
CS-60 (3.5')	1/31/2024		X		Comp	1		X	X	X	26
CS-61 (3.5')	1/31/2024		X		Comp	1		X	X	X	27
CS-62 (3.5')	1/31/2024		X		Comp	1		X	X	X	28
CS-63 (3.5')	1/31/2024		X		Comp	1		X	X	X	29
CS-64 (3.5')	1/31/2024		X		Comp	1		X	X	X	30

Preservative Codes

None: NO — DI Water: H_2O

Cool: Cool — MeOH: Me

HCL: HC — HNO_3: HN

H_2S0_4: H_2 — NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	1/31/24@12:11	S Rodriguez	1:31:24 1211

Released to Imaging: 7/30/2024 11:50:05 AM

Page 414 of 758

Page 42 of 42

Chain of Custody

Work Order No: H240433

Page 4 of 4

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

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lacey Swiss 1 Fed Com 707H	Turn Around	
Project Number:	1219	☐ Routine ☑ Rush	
Project Location	Lea County, New Mexico	Due Date:	~~24 HR~~ 3 Days TO 1/31/24
Sampler's Name:	FV		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	Yes (No)	
Received Intact:	(Yes) No	Thermometer ID:	140	
Cooler Custody Seals:	Yes (No) N/A	Correction Factor:		
Sample Custody Seals:	Yes (No) N/A	Temperature Reading:	2.2c	
Total Containers:		Corrected Temperature:		

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
CS-65 (3.5')	1/31/2024		X		Comp	1		X	X	X	31
SW-14 (3.5')	1/31/2024		X		Comp	1		X	X	X	32
SW-15 (3.5')	1/31/2024		X		Comp	1		X	X	X	33
SW-16 (3.5')	1/31/2024		X		Comp	1		X	X	X	34
SW-17 (2')	1/31/2024		X		Comp	1		X	X	X	35
SW-18 (3.5')	1/31/2024		X		Comp	1		X	X	X	36

Parameters

ANALYSIS REQUEST

Preservative Codes

None: NO — DI Water: H_2O

Cool: Cool — MeOH: Me

HCL: HC — HNO_3: HN

H_2S0_4: H_2 — NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	1/31/24@12:1		1-31-24 12:1

Received by OCD: 7/24/2024 3:36:41 PM

Released to Imaging: 7/30/2024 11:50:05 AM

CARDINAL Laboratories

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

February 07, 2024

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: LACEY SWISS 1 FED COM 707H

Enclosed are the results of analyses for samples received by the laboratory on 02/02/24 16:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 66 (1.5') (H240518-01)

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	02/05/2024	ND	2.18	109	2.00	0.994	
Toluene*	<0.050	0.050	02/05/2024	ND	2.18	109	2.00	1.12	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.15	108	2.00	1.18	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.41	107	6.00	0.148	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	02/05/2024	ND	448	112	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	02/05/2024	ND	195	97.5	200	0.481	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	200	100	200	6.97	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *90.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *102 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 67 (1.5') (H240518-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.18	109	2.00	0.994	
Toluene*	<0.050	0.050	02/05/2024	ND	2.18	109	2.00	1.12	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.15	108	2.00	1.18	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.41	107	6.00	0.148	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

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	02/05/2024	ND	448	112	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	02/05/2024	ND	195	97.5	200	0.481	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	200	100	200	6.97	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *83.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *93.1 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 68 (1.5') (H240518-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.18	109	2.00	0.994	
Toluene*	<0.050	0.050	02/05/2024	ND	2.18	109	2.00	1.12	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.15	108	2.00	1.18	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.41	107	6.00	0.148	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	02/05/2024	ND	448	112	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	02/05/2024	ND	195	97.5	200	0.481	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	200	100	200	6.97	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *83.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *90.3 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 69 (1.5') (H240518-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.18	109	2.00	0.994	
Toluene*	<0.050	0.050	02/05/2024	ND	2.18	109	2.00	1.12	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.15	108	2.00	1.18	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.41	107	6.00	0.148	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	02/05/2024	ND	448	112	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	02/05/2024	ND	195	97.5	200	0.481	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	200	100	200	6.97	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *78.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *85.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 70 (1.5') (H240518-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.18	109	2.00	0.994	
Toluene*	<0.050	0.050	02/05/2024	ND	2.18	109	2.00	1.12	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.15	108	2.00	1.18	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.41	107	6.00	0.148	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

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	02/05/2024	ND	448	112	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	02/05/2024	ND	195	97.5	200	0.481	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	200	100	200	6.97	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *81.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *88.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 71 (1.5') (H240518-06)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.18	109	2.00	0.994	
Toluene*	<0.050	0.050	02/05/2024	ND	2.18	109	2.00	1.12	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.15	108	2.00	1.18	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.41	107	6.00	0.148	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	02/05/2024	ND	448	112	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	02/05/2024	ND	195	97.5	200	0.481	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	200	100	200	6.97	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *82.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *90.2 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 72 (1.5') (H240518-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.18	109	2.00	0.994	
Toluene*	<0.050	0.050	02/05/2024	ND	2.18	109	2.00	1.12	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.15	108	2.00	1.18	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.41	107	6.00	0.148	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**320**	16.0	02/05/2024	ND	448	112	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	02/05/2024	ND	195	97.5	200	0.481	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	200	100	200	6.97	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *89.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *100 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 73 (1.5') (H240518-08)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.18	109	2.00	0.994	
Toluene*	<0.050	0.050	02/05/2024	ND	2.18	109	2.00	1.12	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.15	108	2.00	1.18	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.41	107	6.00	0.148	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

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	02/05/2024	ND	448	112	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	02/05/2024	ND	195	97.5	200	0.481	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	200	100	200	6.97	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *84.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *92.9 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 74 (1.5') (H240518-09)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.18	109	2.00	0.994	
Toluene*	<0.050	0.050	02/05/2024	ND	2.18	109	2.00	1.12	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.15	108	2.00	1.18	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.41	107	6.00	0.148	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

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	02/05/2024	ND	448	112	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	02/05/2024	ND	195	97.5	200	0.481	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	200	100	200	6.97	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *107 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *118 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 75 (1.5') (H240518-10)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.18	109	2.00	0.994	
Toluene*	<0.050	0.050	02/05/2024	ND	2.18	109	2.00	1.12	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.15	108	2.00	1.18	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.41	107	6.00	0.148	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	02/05/2024	ND	448	112	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	02/05/2024	ND	195	97.5	200	0.481	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	200	100	200	6.97	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *73.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *78.8 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 76 (1.5') (H240518-11)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.18	109	2.00	0.994	
Toluene*	<0.050	0.050	02/05/2024	ND	2.18	109	2.00	1.12	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.15	108	2.00	1.18	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.41	107	6.00	0.148	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

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	02/05/2024	ND	448	112	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	02/05/2024	ND	195	97.5	200	0.481	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	200	100	200	6.97	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *78.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *87.8 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 78 (1.5') (H240518-12)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.18	109	2.00	0.994	
Toluene*	<0.050	0.050	02/05/2024	ND	2.18	109	2.00	1.12	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.15	108	2.00	1.18	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.41	107	6.00	0.148	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

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	02/05/2024	ND	448	112	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	02/05/2024	ND	195	97.5	200	0.481	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	200	100	200	6.97	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *85.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *94.9 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 79 (1.5') (H240518-13)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.18	109	2.00	0.994	
Toluene*	<0.050	0.050	02/05/2024	ND	2.18	109	2.00	1.12	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.15	108	2.00	1.18	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.41	107	6.00	0.148	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

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	02/05/2024	ND	448	112	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	02/05/2024	ND	195	97.5	200	0.481	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	200	100	200	6.97	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *79.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *87.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 80 (1.5') (H240518-14)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.18	109	2.00	0.994	
Toluene*	<0.050	0.050	02/05/2024	ND	2.18	109	2.00	1.12	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.15	108	2.00	1.18	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.41	107	6.00	0.148	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	02/05/2024	ND	448	112	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	02/05/2024	ND	195	97.5	200	0.481	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	200	100	200	6.97	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *79.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *97.3 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 81 (1.5') (H240518-15)

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	02/05/2024	ND	2.18	109	2.00	0.994	
Toluene*	<0.050	0.050	02/05/2024	ND	2.18	109	2.00	1.12	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.15	108	2.00	1.18	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.41	107	6.00	0.148	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	02/05/2024	ND	448	112	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	02/05/2024	ND	195	97.5	200	0.481	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	200	100	200	6.97	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *76.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *85.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 82 (1.5') (H240518-16)

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	02/05/2024	ND	2.18	109	2.00	0.994	
Toluene*	<0.050	0.050	02/05/2024	ND	2.18	109	2.00	1.12	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.15	108	2.00	1.18	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.41	107	6.00	0.148	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	16.0	02/05/2024	ND	448	112	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	02/05/2024	ND	195	97.5	200	0.481	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	200	100	200	6.97	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *76.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *82.4 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 83 (1.5') (H240518-17)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.18	109	2.00	0.994	
Toluene*	<0.050	0.050	02/05/2024	ND	2.18	109	2.00	1.12	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.15	108	2.00	1.18	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.41	107	6.00	0.148	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

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	02/05/2024	ND	448	112	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	02/05/2024	ND	195	97.5	200	0.481	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	200	100	200	6.97	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *72.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *81.0 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 84 (1.5') (H240518-18)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.18	109	2.00	0.994	
Toluene*	<0.050	0.050	02/05/2024	ND	2.18	109	2.00	1.12	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.15	108	2.00	1.18	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.41	107	6.00	0.148	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	02/05/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	195	97.5	200	0.481	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	200	100	200	6.97	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *77.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *84.2 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 85 (1.5') (H240518-19)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.18	109	2.00	0.994	
Toluene*	<0.050	0.050	02/05/2024	ND	2.18	109	2.00	1.12	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.15	108	2.00	1.18	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.41	107	6.00	0.148	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	02/05/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	199	99.6	200	0.820	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	200	99.9	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *77.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *79.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 86 (1.5') (H240518-20)

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	02/05/2024	ND	2.18	109	2.00	0.994	
Toluene*	<0.050	0.050	02/05/2024	ND	2.18	109	2.00	1.12	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.15	108	2.00	1.18	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.41	107	6.00	0.148	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	02/05/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	199	99.6	200	0.820	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	200	99.9	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *80.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *78.2 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 87 (1.5') (H240518-21)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.04	102	2.00	3.41	
Toluene*	<0.050	0.050	02/05/2024	ND	2.06	103	2.00	3.58	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.06	103	2.00	3.98	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.11	102	6.00	3.83	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	02/05/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	199	99.6	200	0.820	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	200	99.9	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *75.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *72.9 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 88 (1.5') (H240518-22)

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	02/05/2024	ND	2.04	102	2.00	3.41	
Toluene*	<0.050	0.050	02/05/2024	ND	2.06	103	2.00	3.58	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.06	103	2.00	3.98	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.11	102	6.00	3.83	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	02/05/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	199	99.6	200	0.820	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	200	99.9	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *85.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *83.2 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 89 (1.5') (H240518-23)

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	02/05/2024	ND	2.04	102	2.00	3.41	
Toluene*	<0.050	0.050	02/05/2024	ND	2.06	103	2.00	3.58	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.06	103	2.00	3.98	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.11	102	6.00	3.83	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	02/05/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	199	99.6	200	0.820	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	200	99.9	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *89.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *86.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 90 (1.5') (H240518-24)

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	02/05/2024	ND	2.04	102	2.00	3.41	
Toluene*	<0.050	0.050	02/05/2024	ND	2.06	103	2.00	3.58	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.06	103	2.00	3.98	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.11	102	6.00	3.83	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	02/05/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	199	99.6	200	0.820	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	200	99.9	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *87.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *86.9 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 91 (1.5') (H240518-25)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.04	102	2.00	3.41	
Toluene*	<0.050	0.050	02/05/2024	ND	2.06	103	2.00	3.58	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.06	103	2.00	3.98	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.11	102	6.00	3.83	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	02/05/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	199	99.6	200	0.820	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	200	99.9	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *91.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.2 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 92 (1.5') (H240518-26)

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	02/05/2024	ND	2.04	102	2.00	3.41	
Toluene*	<0.050	0.050	02/05/2024	ND	2.06	103	2.00	3.58	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.06	103	2.00	3.98	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.11	102	6.00	3.83	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	02/05/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	199	99.6	200	0.820	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	200	99.9	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *85.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *84.4 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 93 (1.5') (H240518-27)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.04	102	2.00	3.41	
Toluene*	<0.050	0.050	02/05/2024	ND	2.06	103	2.00	3.58	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.06	103	2.00	3.98	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.11	102	6.00	3.83	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	02/05/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	199	99.6	200	0.820	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	200	99.9	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *92.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *91.6 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 94 (1.5') (H240518-28)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.04	102	2.00	3.41	
Toluene*	<0.050	0.050	02/05/2024	ND	2.06	103	2.00	3.58	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.06	103	2.00	3.98	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.11	102	6.00	3.83	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	02/05/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	199	99.6	200	0.820	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	200	99.9	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *87.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *86.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 95 (1.5') (H240518-29)

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	02/05/2024	ND	2.04	102	2.00	3.41	
Toluene*	<0.050	0.050	02/05/2024	ND	2.06	103	2.00	3.58	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.06	103	2.00	3.98	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.11	102	6.00	3.83	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	02/05/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	199	99.6	200	0.820	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	200	99.9	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *94.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *93.3 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 96 (1.5') (H240518-30)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.04	102	2.00	3.41	
Toluene*	<0.050	0.050	02/05/2024	ND	2.06	103	2.00	3.58	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.06	103	2.00	3.98	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.11	102	6.00	3.83	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	02/05/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	199	99.6	200	0.820	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	200	99.9	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *96.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *97.8 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 97 (1.5') (H240518-31)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.04	102	2.00	3.41	
Toluene*	<0.050	0.050	02/05/2024	ND	2.06	103	2.00	3.58	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.06	103	2.00	3.98	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.11	102	6.00	3.83	
Total BTEX	<0.300	0.300	02/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	02/05/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	199	99.6	200	0.820	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	200	99.9	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *87.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *85.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 98 (1.5') (H240518-32)

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	02/05/2024	ND	2.04	102	2.00	3.41	
Toluene*	<0.050	0.050	02/05/2024	ND	2.06	103	2.00	3.58	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.06	103	2.00	3.98	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.11	102	6.00	3.83	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	02/05/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	199	99.6	200	0.820	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	200	99.9	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *90.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *90.4 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 99 (1.5') (H240518-33)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.04	102	2.00	3.41	
Toluene*	<0.050	0.050	02/05/2024	ND	2.06	103	2.00	3.58	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.06	103	2.00	3.98	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.11	102	6.00	3.83	
Total BTEX	<0.300	0.300	02/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	02/05/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	199	99.6	200	0.820	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	200	99.9	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *92.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *91.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 100 (1.5') (H240518-34)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.04	102	2.00	3.41	
Toluene*	<0.050	0.050	02/05/2024	ND	2.06	103	2.00	3.58	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.06	103	2.00	3.98	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.11	102	6.00	3.83	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	02/05/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	199	99.6	200	0.820	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	200	99.9	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *78.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *78.4 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 101 (1.5') (H240518-35)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.04	102	2.00	3.41	
Toluene*	<0.050	0.050	02/05/2024	ND	2.06	103	2.00	3.58	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.06	103	2.00	3.98	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.11	102	6.00	3.83	
Total BTEX	<0.300	0.300	02/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	02/05/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	199	99.6	200	0.820	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	200	99.9	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *87.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *86.8 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 102 (1.5') (H240518-36)

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	02/05/2024	ND	2.04	102	2.00	3.41	
Toluene*	<0.050	0.050	02/05/2024	ND	2.06	103	2.00	3.58	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.06	103	2.00	3.98	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.11	102	6.00	3.83	
Total BTEX	<0.300	0.300	02/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	02/05/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	199	99.6	200	0.820	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	200	99.9	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *86.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *86.1 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 103 (1.5') (H240518-37)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.04	102	2.00	3.41	
Toluene*	<0.050	0.050	02/05/2024	ND	2.06	103	2.00	3.58	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.06	103	2.00	3.98	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.11	102	6.00	3.83	
Total BTEX	<0.300	0.300	02/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	02/05/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	199	99.6	200	0.820	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	200	99.9	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *87.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *86.8 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 104 (1.5') (H240518-38)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.04	102	2.00	3.41	
Toluene*	<0.050	0.050	02/05/2024	ND	2.06	103	2.00	3.58	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.06	103	2.00	3.98	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.11	102	6.00	3.83	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

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	02/05/2024	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	02/06/2024	ND	199	99.6	200	0.820	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	200	99.9	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane *89.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *90.0 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 105 (1.5') (H240518-39)

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	02/05/2024	ND	2.04	102	2.00	3.41	
Toluene*	<0.050	0.050	02/05/2024	ND	2.06	103	2.00	3.58	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.06	103	2.00	3.98	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.11	102	6.00	3.83	
Total BTEX	<0.300	0.300	02/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	02/05/2024	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	02/05/2024	ND	205	103	200	4.96	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	193	96.7	200	7.88	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *94.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *104 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 106 (1.5') (H240518-40)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.04	102	2.00	3.41	
Toluene*	<0.050	0.050	02/05/2024	ND	2.06	103	2.00	3.58	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.06	103	2.00	3.98	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.11	102	6.00	3.83	
Total BTEX	<0.300	0.300	02/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

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	02/05/2024	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	02/05/2024	ND	205	103	200	4.96	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	193	96.7	200	7.88	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *92.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *101 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 107 (1.5') (H240518-41)

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	02/05/2024	ND	2.13	107	2.00	1.59	
Toluene*	<0.050	0.050	02/05/2024	ND	2.26	113	2.00	3.45	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.41	120	2.00	5.43	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	7.22	120	6.00	7.38	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	02/05/2024	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	02/05/2024	ND	205	103	200	4.96	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	193	96.7	200	7.88	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *92.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *98.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 108 (1.5') (H240518-42)

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	02/05/2024	ND	2.13	107	2.00	1.59	
Toluene*	<0.050	0.050	02/05/2024	ND	2.26	113	2.00	3.45	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.41	120	2.00	5.43	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	7.22	120	6.00	7.38	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

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	02/05/2024	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	02/05/2024	ND	205	103	200	4.96	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	193	96.7	200	7.88	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *91.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *99.1 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 109 (1.5') (H240518-43)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.13	107	2.00	1.59	
Toluene*	<0.050	0.050	02/05/2024	ND	2.26	113	2.00	3.45	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.41	120	2.00	5.43	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	7.22	120	6.00	7.38	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

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	02/05/2024	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	02/05/2024	ND	205	103	200	4.96	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	193	96.7	200	7.88	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *95.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *131 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 110 (1.5') (H240518-44)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.13	107	2.00	1.59	
Toluene*	<0.050	0.050	02/05/2024	ND	2.26	113	2.00	3.45	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.41	120	2.00	5.43	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	7.22	120	6.00	7.38	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

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	02/05/2024	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	02/05/2024	ND	205	103	200	4.96	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	193	96.7	200	7.88	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *81.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *90.0 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 111 (1.5') (H240518-45)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.13	107	2.00	1.59	
Toluene*	<0.050	0.050	02/05/2024	ND	2.26	113	2.00	3.45	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.41	120	2.00	5.43	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	7.22	120	6.00	7.38	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	02/05/2024	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	02/05/2024	ND	205	103	200	4.96	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	193	96.7	200	7.88	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *90.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *98.4 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 112 (1.5') (H240518-46)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.13	107	2.00	1.59	
Toluene*	<0.050	0.050	02/05/2024	ND	2.26	113	2.00	3.45	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.41	120	2.00	5.43	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	7.22	120	6.00	7.38	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	02/05/2024	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	02/05/2024	ND	205	103	200	4.96	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	193	96.7	200	7.88	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *87.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *93.8 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 113 (1.5') (H240518-47)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.13	107	2.00	1.59	
Toluene*	<0.050	0.050	02/05/2024	ND	2.26	113	2.00	3.45	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.41	120	2.00	5.43	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	7.22	120	6.00	7.38	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

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	02/05/2024	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	02/05/2024	ND	205	103	200	4.96	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	193	96.7	200	7.88	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *88.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *97.3 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 114 (1.5') (H240518-48)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.13	107	2.00	1.59	
Toluene*	<0.050	0.050	02/05/2024	ND	2.26	113	2.00	3.45	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.41	120	2.00	5.43	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	7.22	120	6.00	7.38	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	02/05/2024	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	02/05/2024	ND	205	103	200	4.96	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	193	96.7	200	7.88	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *84.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *90.2 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 19 (1.5') (H240518-49)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.13	107	2.00	1.59	
Toluene*	<0.050	0.050	02/05/2024	ND	2.26	113	2.00	3.45	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.41	120	2.00	5.43	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	7.22	120	6.00	7.38	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	02/05/2024	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	02/06/2024	ND	205	103	200	4.96	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	193	96.7	200	7.88	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane *86.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *92.1 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 20 (1.5') (H240518-50)

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	02/05/2024	ND	2.13	107	2.00	1.59	
Toluene*	<0.050	0.050	02/05/2024	ND	2.26	113	2.00	3.45	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.41	120	2.00	5.43	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	7.22	120	6.00	7.38	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

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	02/05/2024	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	02/06/2024	ND	205	103	200	4.96	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	193	96.7	200	7.88	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane *97.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *105 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 21 (1.5') (H240518-51)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.13	107	2.00	1.59	
Toluene*	<0.050	0.050	02/05/2024	ND	2.26	113	2.00	3.45	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.41	120	2.00	5.43	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	7.22	120	6.00	7.38	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

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	02/05/2024	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	02/06/2024	ND	205	103	200	4.96	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	193	96.7	200	7.88	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane *97.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *103 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 22 (0.5') (H240518-52)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.13	107	2.00	1.59	
Toluene*	<0.050	0.050	02/05/2024	ND	2.26	113	2.00	3.45	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.41	120	2.00	5.43	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	7.22	120	6.00	7.38	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

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	02/05/2024	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	02/06/2024	ND	205	103	200	4.96	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	193	96.7	200	7.88	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane *95.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *102 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 23 (0.5') (H240518-53)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.13	107	2.00	1.59	
Toluene*	<0.050	0.050	02/05/2024	ND	2.26	113	2.00	3.45	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.41	120	2.00	5.43	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	7.22	120	6.00	7.38	
Total BTEX	<0.300	0.300	02/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.5 %* *71.5-134*

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	02/05/2024	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	02/06/2024	ND	205	103	200	4.96	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	193	96.7	200	7.88	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane *99.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *106 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/02/2024	Sampling Date:	02/02/2024
Reported:	02/07/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 24 (2.0') (H240518-54)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.13	107	2.00	1.59	
Toluene*	<0.050	0.050	02/05/2024	ND	2.26	113	2.00	3.45	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.41	120	2.00	5.43	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	7.22	120	6.00	7.38	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	02/05/2024	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	02/06/2024	ND	205	103	200	4.96	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	193	96.7	200	7.88	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane *85.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *92.1 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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

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

Celey D. Keene, Lab Director/Quality Manager

Page 471 of 758

Chain of Custody

Work Order No: H240578

Page 1 of 6

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

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lacey Swiss 1 Fed Com 707H	Turn Around	
Project Number:	1219	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72-hour
Sampler's Name:	FV		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	140
Cooler Custody Seals:	Yes No N/A	Correction Factor:	—
Sample Custody Seals:	Yes No N/A	Temperature Reading:	2.9
Total Containers:	54	Corrected Temperature:	—

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
CS-66 (1.5')	2/2/2024		X		Comp	1	X	X	X	
CS-67 (1.5')	2/2/2024		X		Comp	1	X	X	X	
CS-68 (1.5')	2/2/2024		X		Comp	1	X	X	X	
CS-69 (1.5')	2/2/2024		X		Comp	1	X	X	X	
CS-70 (1.5')	2/2/2024		X		Comp	1	X	X	X	
CS-71 (1.5')	2/2/2024		X		Comp	1	X	X	X	
CS-72 (1.5')	2/2/2024		X		Comp	1	X	X	X	
CS-73 (1.5')	2/2/2024		X		Comp	1	X	X	X	
CS-74 (1.5')	2/2/2024		X		Comp	1	X	X	X	
CS-75 (1.5')	2/2/2024		X		Comp	1	X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	2/2/24 @ 4:30		2/2/24 16:47

Received by OCD: 7/24/2024 3:36:47 PM

Released to Imaging: 7/30/2024 11:50:05 AM

Page 472 of 758

Page 58 of 62

Chain of Custody

Work Order No: H240518

Page 2 of 6

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

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lacey Swiss 1 Fed Com 707H	Turn Around	
Project Number:	1219	☐ Routine ☑ Rush	
Project Location	Lea County, New Mexico	Due Date:	72-hour
Sampler's Name:	FV		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	140
Cooler Custody Seals:	Yes No N/A	Correction Factor:	—
Sample Custody Seals:	Yes No N/A	Temperature Reading:	2.9
Total Containers:	54	Corrected Temperature:	—

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

	Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
11	CS-76 (1.5')	2/2/2024		X		Comp	1		X	X	X	
12	CS-78 (1.5')	2/2/2024		X		Comp	1		X	X	X	
13	CS-79 (1.5')	2/2/2024		X		Comp	1		X	X	X	
14	CS-80 (1.5')	2/2/2024		X		Comp	1		X	X	X	
15	CS-81 (1.5')	2/2/2024		X		Comp	1		X	X	X	
16	CS-82 (1.5')	2/2/2024		X		Comp	1		X	X	X	
17	CS-83 (1.5')	2/2/2024		X		Comp	1		X	X	X	
18	CS-84 (1.5')	2/2/2024		X		Comp	1		X	X	X	
	CS-85 (1.5')	2/2/2024		X		Comp	1		X	X	X	
	CS-86 (1.5')	2/2/2024		X		Comp	1		X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	2/2/24 @ 4:50		8/2/24 16:47

Received by OCD: 7/24/2024 3:36:41 PM

Released to Imaging: 7/30/2024 11:50:05 AM

Chain of Custody

Work Order No: HZ40518

Page 3 of 6

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

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lacey Swiss 1 Fed Com 707H	Turn Around	
Project Number:	1219	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72-hour
Sampler's Name:	FV		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	140
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-
Sample Custody Seals:	Yes No N/A	Temperature Reading:	2.9
Total Containers:	54	Corrected Temperature:	-

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

	Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
21	CS-87 (1.5')	2/2/2024		X		Comp	1		X	X	X	
22	CS-88 (1.5')	2/2/2024		X		Comp	1		X	X	X	
23	CS-89 (1.5')	2/2/2024		X		Comp	1		X	X	X	
24	CS-90 (1.5')	2/2/2024		X		Comp	1		X	X	X	
25	CS-91 (1.5')	2/2/2024		X		Comp	1		X	X	X	
26	CS-92 (1.5')	2/2/2024		X		Comp	1		X	X	X	
27	CS-93 (1.5')	2/2/2024		X		Comp	1		X	X	X	
28	CS-94 (1.5')	2/2/2024		X		Comp	1		X	X	X	
	CS-95 (1.5')	2/2/2024		X		Comp	1		X	X	X	
	CS-96 (1.5')	2/2/2024		X		Comp	1		X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	2/2/24@14:50		

Received by OCD: 7/24/2024 3:36:41 PM

Released to Imaging: 7/30/2024 11:50:05 AM

Page 474 of 758

Chain of Custody

Work Order No: H240518

Page 4 of 6

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

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lacey Swiss 1 Fed Com 707H	Turn Around	
Project Number:	1219	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72-hour
Sampler's Name:	FV		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:	140	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	—	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	2.9	
Total Containers:	54	Corrected Temperature:	—	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
CS-97 (1.5')	2/2/2024		X		Comp	1		X	X	X	
CS-98 (1.5')	2/2/2024		X		Comp	1		X	X	X	
CS-99 (1.5')	2/2/2024		X		Comp	1		X	X	X	
CS-100 (1.5')	2/2/2024		X		Comp	1		X	X	X	
CS-101 (1.5')	2/2/2024		X		Comp	1		X	X	X	
CS-102 (1.5')	2/2/2024		X		Comp	1		X	X	X	
CS-103 (1.5')	2/2/2024		X		Comp	1		X	X	X	
CS-104 (1.5')	2/2/2024		X		Comp	1		X	X	X	
CS-105 (1.5')	2/2/2024		X		Comp	1		X	X	X	
CS-106 (1.5')	2/2/2024		X		Comp	1		X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	2/2/24@4:50		2/2/24 16:47

Received by OCD: 7/24/2024 3:36:41 PM

Released to Imaging: 7/30/2024 11:50:05 AM

Page 475 of 758

Page 61 of 62

Chain of Custody

Work Order No: H240518

Page 5 of 6

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

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lacey Swiss 1 Fed Com 707H	Turn Around	
Project Number:	1219	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72-hour
Sampler's Name:	FV		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:	140	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	2.9	
Total Containers:	54	Corrected Temperature:	-	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

	Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
41	CS-107 (1.5')	2/2/2024		X		Comp	1		X	X	X	
42	CS-108 (1.5')	2/2/2024		X		Comp	1		X	X	X	
43	CS-109 (1.5')	2/2/2024		X		Comp	1		X	X	X	
44	CS-110 (1.5')	2/2/2024		X		Comp	1		X	X	X	
45	CS-111 (1.5')	2/2/2024		X		Comp	1		X	X	X	
46	CS-112 (1.5')	2/2/2024		X		Comp	1		X	X	X	
47	CS-113 (1.5')	2/2/2024		X		Comp	1		X	X	X	
48	CS-114 (1.5')	2/2/2024		X		Comp	1		X	X	X	
49	SW-19 (1.5')	2/2/2024		X		Comp	1		X	X	X	
50	SW-20 (1.5')	2/2/2024		X		Comp	1		X	X	X	

ANALYSIS REQUEST

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	2/2/24 @ 4:50		2/2/24 16:17

Received by OCD: 7/24/2024 3:36:41 PM

Released to Imaging: 7/30/2024 11:50:05 AM

Page 476 of 758

Chain of Custody

Work Order No: H240518

Page 6 of 6

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

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lacey Swiss 1 Fed Com 707H	Turn Around	
Project Number:	1219	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72-hour
Sampler's Name:	FV		
PO #:	54		

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:	140	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	2.9	
Total Containers:		Corrected Temperature:	-	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
SW-21 (1.5')	2/2/2024		X		Comp	1		X	X	X	
SW-22 (0.5')	2/2/2024		X		Comp	1		X	X	X	
SW-23 (0.5')	2/2/2024		X		Comp	1		X	X	X	
SW-24 (2.0')	2/2/2024		X		Comp	1		X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	2/2/24@4:50		2/2/24 16:47

Received by OCD: 7/24/2024 3:36:41 PM

Released to Imaging: 7/30/2024 11:50:05 AM

CARDINAL Laboratories

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

February 08, 2024

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: LACEY SWISS 1 FED COM 707H

Enclosed are the results of analyses for samples received by the laboratory on 02/05/24 10:21.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 77 (1.5') (H240523-01)

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	02/05/2024	ND	2.13	106	2.00	1.03	
Toluene*	<0.050	0.050	02/05/2024	ND	2.11	106	2.00	0.779	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.09	104	2.00	0.649	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.08	101	6.00	0.773	
Total BTEX	<0.300	0.300	02/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.5 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**208**	16.0	02/05/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	198	99.1	200	0.275	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	196	98.1	200	0.500	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *63.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *64.0 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 115 (1.5') (H240523-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.13	106	2.00	1.03	
Toluene*	<0.050	0.050	02/05/2024	ND	2.11	106	2.00	0.779	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.09	104	2.00	0.649	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.08	101	6.00	0.773	
Total BTEX	<0.300	0.300	02/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.0 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**304**	16.0	02/05/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2024	ND	198	99.1	200	0.275	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	196	98.1	200	0.500	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane *77.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *70.0 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 116 (1.5') (H240523-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.13	106	2.00	1.03	
Toluene*	<0.050	0.050	02/05/2024	ND	2.11	106	2.00	0.779	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.09	104	2.00	0.649	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.08	101	6.00	0.773	
Total BTEX	<0.300	0.300	02/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.5 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**272**	16.0	02/05/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2024	ND	198	99.1	200	0.275	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	196	98.1	200	0.500	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane *74.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *85.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 117 (1.5') (H240523-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.13	106	2.00	1.03	
Toluene*	<0.050	0.050	02/05/2024	ND	2.11	106	2.00	0.779	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.09	104	2.00	0.649	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.08	101	6.00	0.773	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**176**	16.0	02/05/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2024	ND	198	99.1	200	0.275	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	196	98.1	200	0.500	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane *68.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *64.4 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 118 (1.5') (H240523-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.13	106	2.00	1.03	
Toluene*	<0.050	0.050	02/05/2024	ND	2.11	106	2.00	0.779	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.09	104	2.00	0.649	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.08	101	6.00	0.773	
Total BTEX	<0.300	0.300	02/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.1 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	02/05/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2024	ND	198	99.1	200	0.275	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	196	98.1	200	0.500	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane *86.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *83.8 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 119 (1.5') (H240523-06)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.13	106	2.00	1.03	
Toluene*	<0.050	0.050	02/05/2024	ND	2.11	106	2.00	0.779	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.09	104	2.00	0.649	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.08	101	6.00	0.773	
Total BTEX	<0.300	0.300	02/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.3 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	02/05/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2024	ND	198	99.1	200	0.275	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	196	98.1	200	0.500	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane *78.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *75.6 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 120 (1.5') (H240523-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.13	106	2.00	1.03	
Toluene*	<0.050	0.050	02/05/2024	ND	2.11	106	2.00	0.779	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.09	104	2.00	0.649	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.08	101	6.00	0.773	
Total BTEX	<0.300	0.300	02/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.5 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**368**	16.0	02/05/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2024	ND	198	99.1	200	0.275	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	196	98.1	200	0.500	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane *95.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *91.6 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 121 (1.5') (H240523-08)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.13	106	2.00	1.03	
Toluene*	<0.050	0.050	02/05/2024	ND	2.11	106	2.00	0.779	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.09	104	2.00	0.649	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.08	101	6.00	0.773	
Total BTEX	<0.300	0.300	02/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.1 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**224**	16.0	02/05/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2024	ND	198	99.1	200	0.275	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	196	98.1	200	0.500	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane *64.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *69.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 122 (1.5') (H240523-09)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.13	106	2.00	1.03	
Toluene*	<0.050	0.050	02/05/2024	ND	2.11	106	2.00	0.779	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.09	104	2.00	0.649	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.08	101	6.00	0.773	
Total BTEX	<0.300	0.300	02/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.3 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	02/05/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2024	ND	198	99.1	200	0.275	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	196	98.1	200	0.500	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane *60.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *64.1 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 123 (1.5') (H240523-10)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.13	106	2.00	1.03	
Toluene*	<0.050	0.050	02/05/2024	ND	2.11	106	2.00	0.779	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.09	104	2.00	0.649	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.08	101	6.00	0.773	
Total BTEX	<0.300	0.300	02/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.2 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**208**	16.0	02/05/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2024	ND	198	99.1	200	0.275	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	196	98.1	200	0.500	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane *68.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *66.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 124 (1.5') (H240523-11)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.13	106	2.00	1.03	
Toluene*	<0.050	0.050	02/05/2024	ND	2.11	106	2.00	0.779	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.09	104	2.00	0.649	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.08	101	6.00	0.773	
Total BTEX	<0.300	0.300	02/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.8 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	02/05/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2024	ND	198	99.1	200	0.275	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	196	98.1	200	0.500	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane *60.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *59.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 125 (1.5') (H240523-12)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.13	106	2.00	1.03	
Toluene*	<0.050	0.050	02/05/2024	ND	2.11	106	2.00	0.779	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.09	104	2.00	0.649	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.08	101	6.00	0.773	
Total BTEX	<0.300	0.300	02/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.4 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**176**	16.0	02/05/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2024	ND	198	99.1	200	0.275	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	196	98.1	200	0.500	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane *80.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *77.4 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 126 (1.5') (H240523-13)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.13	106	2.00	1.03	
Toluene*	<0.050	0.050	02/05/2024	ND	2.11	106	2.00	0.779	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.09	104	2.00	0.649	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.08	101	6.00	0.773	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	02/05/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2024	ND	198	99.1	200	0.275	QR-03
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	196	98.1	200	0.500	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane *69.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *65.4 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 127 (1.5') (H240523-14)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.13	106	2.00	1.03	
Toluene*	<0.050	0.050	02/05/2024	ND	2.11	106	2.00	0.779	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.09	104	2.00	0.649	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.08	101	6.00	0.773	
Total BTEX	<0.300	0.300	02/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.5 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**176**	16.0	02/05/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	224	112	200	8.32	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	223	111	200	7.32	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *77.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *72.6 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 128 (1.5') (H240523-15)

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	02/05/2024	ND	2.13	106	2.00	1.03	
Toluene*	<0.050	0.050	02/05/2024	ND	2.11	106	2.00	0.779	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.09	104	2.00	0.649	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.08	101	6.00	0.773	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	16.0	02/05/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	224	112	200	8.32	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	223	111	200	7.32	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *77.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *73.8 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 129 (1.5') (H240523-16)

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	02/05/2024	ND	2.13	106	2.00	1.03	
Toluene*	<0.050	0.050	02/05/2024	ND	2.11	106	2.00	0.779	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.09	104	2.00	0.649	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.08	101	6.00	0.773	
Total BTEX	<0.300	0.300	02/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.0 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	02/05/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	224	112	200	8.32	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	223	111	200	7.32	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *81.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *81.8 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 130 (1.5') (H240523-17)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.13	106	2.00	1.03	
Toluene*	<0.050	0.050	02/05/2024	ND	2.11	106	2.00	0.779	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.09	104	2.00	0.649	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.08	101	6.00	0.773	
Total BTEX	<0.300	0.300	02/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.6 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	02/05/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	224	112	200	8.32	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	223	111	200	7.32	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *81.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *79.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 131 (1.5') (H240523-18)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.13	106	2.00	1.03	
Toluene*	<0.050	0.050	02/05/2024	ND	2.11	106	2.00	0.779	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.09	104	2.00	0.649	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.08	101	6.00	0.773	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	02/05/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	224	112	200	8.32	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	223	111	200	7.32	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *77.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *73.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 132 (1.5') (H240523-19)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.13	106	2.00	1.03	
Toluene*	<0.050	0.050	02/05/2024	ND	2.11	106	2.00	0.779	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.09	104	2.00	0.649	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.08	101	6.00	0.773	
Total BTEX	<0.300	0.300	02/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.5 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	02/05/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	224	112	200	8.32	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	223	111	200	7.32	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *73.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *73.4 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 133 (1.5') (H240523-20)

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	02/05/2024	ND	2.13	106	2.00	1.03	
Toluene*	<0.050	0.050	02/05/2024	ND	2.11	106	2.00	0.779	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.09	104	2.00	0.649	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.08	101	6.00	0.773	
Total BTEX	<0.300	0.300	02/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.9 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	02/05/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	224	112	200	8.32	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	223	111	200	7.32	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *76.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *74.9 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 134 (1.5') (H240523-21)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.14	107	2.00	0.652	
Toluene*	<0.050	0.050	02/05/2024	ND	2.16	108	2.00	0.885	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.15	107	2.00	0.752	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.45	107	6.00	0.611	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	02/05/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	224	112	200	8.32	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	223	111	200	7.32	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *77.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *74.9 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 135 (1.5') (H240523-22)

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	02/05/2024	ND	2.14	107	2.00	0.652	
Toluene*	<0.050	0.050	02/05/2024	ND	2.16	108	2.00	0.885	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.15	107	2.00	0.752	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.45	107	6.00	0.611	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	02/05/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	224	112	200	8.32	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	223	111	200	7.32	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *80.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *77.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 136 (1.5') (H240523-23)

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	02/05/2024	ND	2.14	107	2.00	0.652	
Toluene*	<0.050	0.050	02/05/2024	ND	2.16	108	2.00	0.885	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.15	107	2.00	0.752	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.45	107	6.00	0.611	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**176**	16.0	02/05/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	224	112	200	8.32	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	223	111	200	7.32	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *77.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *72.3 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 137 (1.5') (H240523-24)

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	02/05/2024	ND	2.14	107	2.00	0.652	
Toluene*	<0.050	0.050	02/05/2024	ND	2.16	108	2.00	0.885	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.15	107	2.00	0.752	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.45	107	6.00	0.611	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**224**	16.0	02/05/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	224	112	200	8.32	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	223	111	200	7.32	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *72.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *71.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 138 (1.5') (H240523-25)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.14	107	2.00	0.652	
Toluene*	<0.050	0.050	02/05/2024	ND	2.16	108	2.00	0.885	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.15	107	2.00	0.752	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.45	107	6.00	0.611	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	16.0	02/05/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	224	112	200	8.32	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	223	111	200	7.32	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *76.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *73.2 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 139 (1.5') (H240523-26)

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	02/05/2024	ND	2.14	107	2.00	0.652	
Toluene*	<0.050	0.050	02/05/2024	ND	2.16	108	2.00	0.885	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.15	107	2.00	0.752	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.45	107	6.00	0.611	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	02/05/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	224	112	200	8.32	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	223	111	200	7.32	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *79.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *76.1 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 140 (1.5') (H240523-27)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.14	107	2.00	0.652	
Toluene*	<0.050	0.050	02/05/2024	ND	2.16	108	2.00	0.885	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.15	107	2.00	0.752	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.45	107	6.00	0.611	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	02/05/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	224	112	200	8.32	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	223	111	200	7.32	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *68.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *63.8 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 141 (1.5') (H240523-28)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.14	107	2.00	0.652	
Toluene*	<0.050	0.050	02/05/2024	ND	2.16	108	2.00	0.885	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.15	107	2.00	0.752	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.45	107	6.00	0.611	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**208**	16.0	02/06/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	224	112	200	8.32	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	223	111	200	7.32	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *71.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *74.1 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 142 (1.5') (H240523-29)

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	02/05/2024	ND	2.14	107	2.00	0.652	
Toluene*	<0.050	0.050	02/05/2024	ND	2.16	108	2.00	0.885	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.15	107	2.00	0.752	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.45	107	6.00	0.611	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	02/06/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	224	112	200	8.32	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	223	111	200	7.32	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *69.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *68.8 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 143 (1.5') (H240523-30)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.14	107	2.00	0.652	
Toluene*	<0.050	0.050	02/05/2024	ND	2.16	108	2.00	0.885	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.15	107	2.00	0.752	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.45	107	6.00	0.611	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	02/06/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2024	ND	224	112	200	8.32	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	223	111	200	7.32	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane *79.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *77.6 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 144 (1.5') (H240523-31)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.14	107	2.00	0.652	
Toluene*	<0.050	0.050	02/05/2024	ND	2.16	108	2.00	0.885	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.15	107	2.00	0.752	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.45	107	6.00	0.611	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	02/06/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2024	ND	224	112	200	8.32	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	223	111	200	7.32	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane *61.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *62.4 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 145 (1.5') (H240523-32)

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	02/05/2024	ND	2.14	107	2.00	0.652	
Toluene*	<0.050	0.050	02/05/2024	ND	2.16	108	2.00	0.885	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.15	107	2.00	0.752	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.45	107	6.00	0.611	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	02/06/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2024	ND	224	112	200	8.32	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	223	111	200	7.32	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane *74.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *75.6 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 146 (1.5') (H240523-33)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.14	107	2.00	0.652	
Toluene*	<0.050	0.050	02/05/2024	ND	2.16	108	2.00	0.885	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.15	107	2.00	0.752	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.45	107	6.00	0.611	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

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	02/06/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2024	ND	224	112	200	8.32	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	223	111	200	7.32	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane *76.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *75.0 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 147 (1.5') (H240523-34)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.14	107	2.00	0.652	
Toluene*	<0.050	0.050	02/05/2024	ND	2.16	108	2.00	0.885	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.15	107	2.00	0.752	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.45	107	6.00	0.611	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

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	02/06/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	178	88.9	200	1.21	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	185	92.6	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *77.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *85.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 148 (1.5') (H240523-35)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.14	107	2.00	0.652	
Toluene*	<0.050	0.050	02/05/2024	ND	2.16	108	2.00	0.885	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.15	107	2.00	0.752	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.45	107	6.00	0.611	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

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	02/06/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	178	88.9	200	1.21	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	185	92.6	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *65.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *67.4 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 149 (1.5') (H240523-36)

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	02/05/2024	ND	2.14	107	2.00	0.652	
Toluene*	<0.050	0.050	02/05/2024	ND	2.16	108	2.00	0.885	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.15	107	2.00	0.752	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.45	107	6.00	0.611	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

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	02/06/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	178	88.9	200	1.21	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	185	92.6	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *82.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *88.0 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 150 (1.5') (H240523-37)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.14	107	2.00	0.652	
Toluene*	<0.050	0.050	02/05/2024	ND	2.16	108	2.00	0.885	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.15	107	2.00	0.752	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.45	107	6.00	0.611	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

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	02/06/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	178	88.9	200	1.21	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	185	92.6	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *67.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *71.2 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 151 (1.5') (H240523-38)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.14	107	2.00	0.652	
Toluene*	<0.050	0.050	02/05/2024	ND	2.16	108	2.00	0.885	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.15	107	2.00	0.752	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.45	107	6.00	0.611	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

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	02/06/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	178	88.9	200	1.21	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	185	92.6	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *59.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *63.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 152 (1.5') (H240523-39)

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	02/05/2024	ND	2.14	107	2.00	0.652	
Toluene*	<0.050	0.050	02/05/2024	ND	2.16	108	2.00	0.885	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.15	107	2.00	0.752	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.45	107	6.00	0.611	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

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	02/06/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	178	88.9	200	1.21	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	185	92.6	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *61.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *65.4 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 153 (1.5') (H240523-40)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.14	107	2.00	0.652	
Toluene*	<0.050	0.050	02/05/2024	ND	2.16	108	2.00	0.885	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.15	107	2.00	0.752	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.45	107	6.00	0.611	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

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	02/06/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	178	88.9	200	1.21	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	185	92.6	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *57.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *57.9 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 154 (1.5') (H240523-41)

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	02/05/2024	ND	2.00	100	2.00	1.81	
Toluene*	<0.050	0.050	02/05/2024	ND	2.09	105	2.00	1.10	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.09	104	2.00	1.42	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.29	105	6.00	1.36	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

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	02/06/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	178	88.9	200	1.21	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	185	92.6	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *59.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *61.2 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 25 (1.5') (H240523-42)

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	02/05/2024	ND	2.00	100	2.00	1.81	
Toluene*	<0.050	0.050	02/05/2024	ND	2.09	105	2.00	1.10	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.09	104	2.00	1.42	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.29	105	6.00	1.36	
Total BTEX	<0.300	0.300	02/05/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	02/06/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	178	88.9	200	1.21	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	185	92.6	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *59.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *59.1 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 26 (1.5') (H240523-43)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.00	100	2.00	1.81	
Toluene*	<0.050	0.050	02/05/2024	ND	2.09	105	2.00	1.10	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.09	104	2.00	1.42	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.29	105	6.00	1.36	
Total BTEX	<0.300	0.300	02/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

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	02/06/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	178	88.9	200	1.21	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	185	92.6	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *63.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *68.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 27 (1.5') (H240523-44)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.00	100	2.00	1.81	
Toluene*	<0.050	0.050	02/05/2024	ND	2.09	105	2.00	1.10	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.09	104	2.00	1.42	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.29	105	6.00	1.36	
Total BTEX	<0.300	0.300	02/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

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	02/06/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	178	88.9	200	1.21	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	185	92.6	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *65.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *66.6 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 28 (1.5') (H240523-45)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.00	100	2.00	1.81	
Toluene*	<0.050	0.050	02/05/2024	ND	2.09	105	2.00	1.10	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.09	104	2.00	1.42	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.29	105	6.00	1.36	
Total BTEX	<0.300	0.300	02/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	02/06/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	178	88.9	200	1.21	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	185	92.6	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *71.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *73.9 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 29 (1.5') (H240523-46)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.00	100	2.00	1.81	
Toluene*	<0.050	0.050	02/05/2024	ND	2.09	105	2.00	1.10	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.09	104	2.00	1.42	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.29	105	6.00	1.36	
Total BTEX	<0.300	0.300	02/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

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	02/06/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	178	88.9	200	1.21	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	185	92.6	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *65.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *68.4 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 30 (1.5') (H240523-47)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.00	100	2.00	1.81	
Toluene*	<0.050	0.050	02/05/2024	ND	2.09	105	2.00	1.10	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.09	104	2.00	1.42	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.29	105	6.00	1.36	
Total BTEX	<0.300	0.300	02/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *71.5-134*

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	02/06/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2024	ND	178	88.9	200	1.21	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	185	92.6	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *66.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *69.8 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 31 (1.5') (H240523-48)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.00	100	2.00	1.81	
Toluene*	<0.050	0.050	02/05/2024	ND	2.09	105	2.00	1.10	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.09	104	2.00	1.42	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.29	105	6.00	1.36	
Total BTEX	<0.300	0.300	02/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/06/2024	ND	448	112	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	02/05/2024	ND	178	88.9	200	1.21	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	185	92.6	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *77.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *85.6 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 32 (1.5') (H240523-49)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.00	100	2.00	1.81	
Toluene*	<0.050	0.050	02/05/2024	ND	2.09	105	2.00	1.10	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.09	104	2.00	1.42	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.29	105	6.00	1.36	
Total BTEX	<0.300	0.300	02/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/06/2024	ND	448	112	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	02/05/2024	ND	178	88.9	200	1.21	
DRO >C10-C28*	<10.0	10.0	02/05/2024	ND	185	92.6	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	02/05/2024	ND					

Surrogate: 1-Chlorooctane *79.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *78.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 33 (0.5') (H240523-50)

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	02/05/2024	ND	2.00	100	2.00	1.81	
Toluene*	<0.050	0.050	02/05/2024	ND	2.09	105	2.00	1.10	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.09	104	2.00	1.42	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.29	105	6.00	1.36	
Total BTEX	<0.300	0.300	02/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	02/06/2024	ND	448	112	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	02/06/2024	ND	178	88.9	200	1.21	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	185	92.6	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane *80.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *85.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 34 (2') (H240523-51)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.00	100	2.00	1.81	
Toluene*	<0.050	0.050	02/05/2024	ND	2.09	105	2.00	1.10	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.09	104	2.00	1.42	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.29	105	6.00	1.36	
Total BTEX	<0.300	0.300	02/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/06/2024	ND	448	112	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	02/06/2024	ND	178	88.9	200	1.21	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	185	92.6	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane *99.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *105 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 35 (2') (H240523-52)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.00	100	2.00	1.81	
Toluene*	<0.050	0.050	02/05/2024	ND	2.09	105	2.00	1.10	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.09	104	2.00	1.42	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.29	105	6.00	1.36	
Total BTEX	<0.300	0.300	02/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/06/2024	ND	448	112	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	02/06/2024	ND	178	88.9	200	1.21	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	185	92.6	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane *89.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.0 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 36 (1.5') (H240523-53)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.00	100	2.00	1.81	
Toluene*	<0.050	0.050	02/05/2024	ND	2.09	105	2.00	1.10	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.09	104	2.00	1.42	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.29	105	6.00	1.36	
Total BTEX	<0.300	0.300	02/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/06/2024	ND	448	112	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	02/06/2024	ND	178	88.9	200	1.21	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	185	92.6	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane *73.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *78.2 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 37 (2') (H240523-54)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.00	100	2.00	1.81	
Toluene*	<0.050	0.050	02/05/2024	ND	2.09	105	2.00	1.10	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.09	104	2.00	1.42	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.29	105	6.00	1.36	
Total BTEX	<0.300	0.300	02/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	02/06/2024	ND	448	112	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	02/06/2024	ND	192	96.1	200	0.202	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	199	99.6	200	1.59	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane *95.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *113 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 38 (1.5') (H240523-55)

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	02/05/2024	ND	2.00	100	2.00	1.81	
Toluene*	<0.050	0.050	02/05/2024	ND	2.09	105	2.00	1.10	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.09	104	2.00	1.42	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.29	105	6.00	1.36	
Total BTEX	<0.300	0.300	02/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	02/06/2024	ND	448	112	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	02/06/2024	ND	192	96.1	200	0.202	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	199	99.6	200	1.59	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane *93.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *107 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/05/2024	Sampling Date:	02/05/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 39 (1.5') (H240523-56)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2024	ND	2.00	100	2.00	1.81	
Toluene*	<0.050	0.050	02/05/2024	ND	2.09	105	2.00	1.10	
Ethylbenzene*	<0.050	0.050	02/05/2024	ND	2.09	104	2.00	1.42	
Total Xylenes*	<0.150	0.150	02/05/2024	ND	6.29	105	6.00	1.36	
Total BTEX	<0.300	0.300	02/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/06/2024	ND	448	112	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	02/06/2024	ND	192	96.1	200	0.202	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	199	99.6	200	1.59	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane *97.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *108 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

Page 535 of 758

Page 59 of 64

Chain of Custody

Work Order No: H240523

Page 1 of 6

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	Todd_Wells@eogresources.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lacey Swiss 1 Fed Com 707H	Turn Around	☐ Routine ☑ Rush
Project Number:	1219	Due Date:	72-hour
Project Location	Lea County, New Mexico		
Sampler's Name:	FV		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	140
Cooler Custody Seals:	Yes No N/A	Correction Factor:	—
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-1.72
Total Containers:		Corrected Temperature:	—

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
CS-77 (1.5')	2/5/2024		X		Comp	1		X	X	X	1
CS-115 (1.5')	2/5/2024		X		Comp	1		X	X	X	2
CS-116 (1.5')	2/5/2024		X		Comp	1		X	X	X	3
CS-117 (1.5')	2/5/2024		X		Comp	1		X	X	X	4
CS-118 (1.5')	2/5/2024		X		Comp	1		X	X	X	5
CS-119 (1.5')	2/5/2024		X		Comp	1		X	X	X	6
CS-120 (1.5')	2/5/2024		X		Comp	1		X	X	X	7
CS-121 (1.5')	2/5/2024		X		Comp	1		X	X	X	8
CS-122 (1.5')	2/5/2024		X		Comp	1		X	X	X	9
CS-123 (1.5')	2/5/2024		X		Comp	1		X	X	X	10

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	2.5.24 1021	S Rodriguez	

Received by OCD: 7/24/2024 3:36:41 PM

Released to Imaging: 7/30/2024 11:50:05 AM

Page 536 of 758

Page 60 of 64

Chain of Custody

Work Order No: H240523

Page 2 of 6

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	Todd_Wells@eogresources.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lacey Swiss 1 Fed Com 707H	Turn Around	
Project Number:	1219	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72-hour
Sampler's Name:	FV		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	140
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	—
Sample Custody Seals:	Yes (No) N/A	Temperature Reading:	-1.7
Total Containers:		Corrected Temperature:	—

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
CS-124 (1.5')	2/5/2024		X		Comp	1		X	X	X	11
CS-125 (1.5')	2/5/2024		X		Comp	1		X	X	X	12
CS-126 (1.5')	2/5/2024		X		Comp	1		X	X	X	13
CS-127 (1.5')	2/5/2024		X		Comp	1		X	X	X	14
CS-128 (1.5')	2/5/2024		X		Comp	1		X	X	X	15
CS-129 (1.5')	2/5/2024		X		Comp	1		X	X	X	16
CS-130 (1.5')	2/5/2024		X		Comp	1		X	X	X	17
CS-131 (1.5')	2/5/2024		X		Comp	1		X	X	X	18
CS-132 (1.5')	2/5/2024		X		Comp	1		X	X	X	19
CS-133 (1.5')	2/5/2024		X		Comp	1		X	X	X	20

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	2.5.24 1021	S Rodriguez	

Received by OCD: 7/24/2024 3:36:41 PM

Released to Imaging: 7/30/2024 11:50:05 AM

Page 537 of 758

Page 61 of 64

Chain of Custody

Work Order No: H240523

Page 3 of 6

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	Todd_Wells@eogresources.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lacey Swiss 1 Fed Com 707H	Turn Around	
Project Number:	1219	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72-hour
Sampler's Name:	FV		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	140
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	—
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-1.7
Total Containers:		Corrected Temperature:	—

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
CS-134 (1.5')	2/5/2024		X		Comp	1	X	X	X	21
CS-135 (1.5')	2/5/2024		X		Comp	1	X	X	X	22
CS-136 (1.5')	2/5/2024		X		Comp	1	X	X	X	23
CS-137 (1.5')	2/5/2024		X		Comp	1	X	X	X	24
CS-138 (1.5')	2/5/2024		X		Comp	1	X	X	X	25
CS-139 (1.5')	2/5/2024		X		Comp	1	X	X	X	26
CS-140 (1.5')	2/5/2024		X		Comp	1	X	X	X	27
CS-141 (1.5')	2/5/2024		X		Comp	1	X	X	X	28
CS-142 (1.5')	2/5/2024		X		Comp	1	X	X	X	29
CS-143 (1.5')	2/5/2024		X		Comp	1	X	X	X	30

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	2-5-24 1021	S Rodriguez	

Received by OCD: 7/24/2024 3:36:41 PM

Released to Imaging: 7/30/2024 11:50:05 AM

Page 538 of 758

Chain of Custody

Work Order No: H240523

Page 4 of 6

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	Todd_Wells@eogresources.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lacey Swiss 1 Fed Com 707H	Turn Around	
Project Number:	1219	☐ Routine ☑ Rush	
Project Location	Lea County, New Mexico	Due Date:	72-hour
Sampler's Name:	FV		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	140
Cooler Custody Seals:	Yes (No) N/A	Correction Factor:	—
Sample Custody Seals:	Yes (No) N/A	Temperature Reading:	-1.7
Total Containers:		Corrected Temperature:	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
CS-144 (1.5')	2/5/2024		X		Comp	1		X	X	X	31
CS-145 (1.5')	2/5/2024		X		Comp	1		X	X	X	32
CS-146 (1.5')	2/5/2024		X		Comp	1		X	X	X	33
CS-147 (1.5')	2/5/2024		X		Comp	1		X	X	X	34
CS-148 (1.5')	2/5/2024		X		Comp	1		X	X	X	35
CS-149 (1.5')	2/5/2024		X		Comp	1		X	X	X	36
CS-150 (1.5')	2/5/2024		X		Comp	1		X	X	X	37
CS-151 (1.5')	2/5/2024		X		Comp	1		X	X	X	38
CS-152 (1.5')	2/5/2024		X		Comp	1		X	X	X	39
CS-153 (1.5')	2/5/2024		X		Comp	1		X	X	X	40

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	2524 1021	S Rodriguez	

Received by OCD: 7/24/2024 3:36:41 PM

Released to Imaging: 7/30/2024 11:50:05 AM

Page 539 of 758

Page 63 of 64

Chain of Custody

Work Order No: H240523

Page 5 of 6

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	Todd_Wells@eogresources.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lacey Swiss 1 Fed Com 707H	Turn Around	☐ Routine ☑ Rush
Project Number:	1219	Due Date:	72-hour
Project Location	Lea County, New Mexico		
Sampler's Name:	FV		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	140
Cooler Custody Seals:	Yes (No) N/A	Correction Factor:	—
Sample Custody Seals:	Yes (No) N/A	Temperature Reading:	-1.7
Total Containers:		Corrected Temperature:	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
CS-154 (1.5')	2/5/2024		X		Comp	1	X	X	X	41
SW-25 (1.5')	2/5/2024		X		Comp	1	X	X	X	42
SW-26 (1.5')	2/5/2024		X		Comp	1	X	X	X	43
SW-27 (1.5')	2/5/2024		X		Comp	1	X	X	X	44
SW-28 (1.5')	2/5/2024		X		Comp	1	X	X	X	45
SW-29 (1.5')	2/5/2024		X		Comp	1	X	X	X	46
SW-30 (1.5')	2/5/2024		X		Comp	1	X	X	X	47
SW-31 (1.5')	2/5/2024		X		Comp	1	X	X	X	48
SW-32 (1.5')	2/5/2024		X		Comp	1	X	X	X	49
SW-33 (0.5')	2/5/2024		X		Comp	1	X	X	X	50

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	2.5.24 1021	Rodriguez	

Received by OCD: 7/24/2024 3:36:41 PM

Released to Imaging: 7/30/2024 11:50:05 AM

Page 540 of 758

Chain of Custody

Work Order No: H240523

Page 6 of 6

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	Todd_Wells@eogresources.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lacey Swiss 1 Fed Com 707H	Turn Around	☐ Routine ☑ Rush
Project Number:	1219	Due Date:	72-hour
Project Location	Lea County, New Mexico		
Sampler's Name:	FV		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	140
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	—
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-1.7
Total Containers:		Corrected Temperature:	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
SW-34 (2')	2/5/2024		X		Comp	1	X	X	X	51
SW-35 (2')	2/5/2024		X		Comp	1	X	X	X	52
SW-36 (1.5')	2/5/2024		X		Comp	1	X	X	X	53
SW-37 (2')	2/5/2024		X		Comp	1	X	X	X	54
SW-38 (1.5')	2/5/2024		X		Comp	1	X	X	X	55
SW-39 (1.5')	2/5/2024		X		Comp	1	X	X	X	56

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	2-5-24 1021		

Received by OCD: 7/24/2024 3:36:41 PM

Released to Imaging: 7/30/2024 11:50:05 AM

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

February 13, 2024

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: LACEY SWISS 1 FED COM 707H

Enclosed are the results of analyses for samples received by the laboratory on 02/08/24 13:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/08/2024	Sampling Date:	02/08/2024
Reported:	02/13/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 155 (3.5') (H240607-01)

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	02/09/2024	ND	2.01	100	2.00	1.01	
Toluene*	<0.050	0.050	02/09/2024	ND	2.01	101	2.00	0.728	
Ethylbenzene*	<0.050	0.050	02/09/2024	ND	2.00	100	2.00	0.805	
Total Xylenes*	<0.150	0.150	02/09/2024	ND	5.96	99.3	6.00	0.613	
Total BTEX	<0.300	0.300	02/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	02/09/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2024	ND	216	108	200	1.76	
DRO >C10-C28*	<10.0	10.0	02/09/2024	ND	207	104	200	0.779	
EXT DRO >C28-C36	<10.0	10.0	02/09/2024	ND					

Surrogate: 1-Chlorooctane *71.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *74.9 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/08/2024	Sampling Date:	02/08/2024
Reported:	02/13/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 156 (3.5') (H240607-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/09/2024	ND	2.01	100	2.00	1.01	
Toluene*	<0.050	0.050	02/09/2024	ND	2.01	101	2.00	0.728	
Ethylbenzene*	<0.050	0.050	02/09/2024	ND	2.00	100	2.00	0.805	
Total Xylenes*	<0.150	0.150	02/09/2024	ND	5.96	99.3	6.00	0.613	
Total BTEX	<0.300	0.300	02/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**304**	16.0	02/09/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2024	ND	216	108	200	1.76	
DRO >C10-C28*	<10.0	10.0	02/09/2024	ND	207	104	200	0.779	
EXT DRO >C28-C36	<10.0	10.0	02/09/2024	ND					

Surrogate: 1-Chlorooctane *64.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *69.8 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/08/2024	Sampling Date:	02/08/2024
Reported:	02/13/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 157 (3.5') (H240607-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/09/2024	ND	2.01	100	2.00	1.01	
Toluene*	<0.050	0.050	02/09/2024	ND	2.01	101	2.00	0.728	
Ethylbenzene*	<0.050	0.050	02/09/2024	ND	2.00	100	2.00	0.805	
Total Xylenes*	<0.150	0.150	02/09/2024	ND	5.96	99.3	6.00	0.613	
Total BTEX	<0.300	0.300	02/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	02/09/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2024	ND	216	108	200	1.76	
DRO >C10-C28*	<10.0	10.0	02/09/2024	ND	207	104	200	0.779	
EXT DRO >C28-C36	<10.0	10.0	02/09/2024	ND					

Surrogate: 1-Chlorooctane *77.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *84.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/08/2024	Sampling Date:	02/08/2024
Reported:	02/13/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 158 (3.5') (H240607-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/09/2024	ND	2.01	100	2.00	1.01	
Toluene*	<0.050	0.050	02/09/2024	ND	2.01	101	2.00	0.728	
Ethylbenzene*	<0.050	0.050	02/09/2024	ND	2.00	100	2.00	0.805	
Total Xylenes*	<0.150	0.150	02/09/2024	ND	5.96	99.3	6.00	0.613	
Total BTEX	<0.300	0.300	02/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**208**	16.0	02/09/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2024	ND	216	108	200	1.76	
DRO >C10-C28*	<10.0	10.0	02/09/2024	ND	207	104	200	0.779	
EXT DRO >C28-C36	<10.0	10.0	02/09/2024	ND					

Surrogate: 1-Chlorooctane *77.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *83.9 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/08/2024	Sampling Date:	02/08/2024
Reported:	02/13/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 159 (3.5') (H240607-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/09/2024	ND	2.01	100	2.00	1.01	
Toluene*	<0.050	0.050	02/09/2024	ND	2.01	101	2.00	0.728	
Ethylbenzene*	<0.050	0.050	02/09/2024	ND	2.00	100	2.00	0.805	
Total Xylenes*	<0.150	0.150	02/09/2024	ND	5.96	99.3	6.00	0.613	
Total BTEX	<0.300	0.300	02/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**208**	16.0	02/09/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2024	ND	216	108	200	1.76	
DRO >C10-C28*	<10.0	10.0	02/09/2024	ND	207	104	200	0.779	
EXT DRO >C28-C36	<10.0	10.0	02/09/2024	ND					

Surrogate: 1-Chlorooctane *57.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *66.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/08/2024	Sampling Date:	02/08/2024
Reported:	02/13/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 160 (3.5') (H240607-06)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/09/2024	ND	2.01	100	2.00	1.01	
Toluene*	<0.050	0.050	02/09/2024	ND	2.01	101	2.00	0.728	
Ethylbenzene*	<0.050	0.050	02/09/2024	ND	2.00	100	2.00	0.805	
Total Xylenes*	<0.150	0.150	02/09/2024	ND	5.96	99.3	6.00	0.613	
Total BTEX	<0.300	0.300	02/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**224**	16.0	02/09/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2024	ND	216	108	200	1.76	
DRO >C10-C28*	<10.0	10.0	02/09/2024	ND	207	104	200	0.779	
EXT DRO >C28-C36	<10.0	10.0	02/09/2024	ND					

Surrogate: 1-Chlorooctane *58.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *71.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/08/2024	Sampling Date:	02/08/2024
Reported:	02/13/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 161 (3.5') (H240607-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/09/2024	ND	2.01	100	2.00	1.01	
Toluene*	<0.050	0.050	02/09/2024	ND	2.01	101	2.00	0.728	
Ethylbenzene*	<0.050	0.050	02/09/2024	ND	2.00	100	2.00	0.805	
Total Xylenes*	<0.150	0.150	02/09/2024	ND	5.96	99.3	6.00	0.613	
Total BTEX	<0.300	0.300	02/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**272**	16.0	02/09/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2024	ND	216	108	200	1.76	
DRO >C10-C28*	<10.0	10.0	02/09/2024	ND	207	104	200	0.779	
EXT DRO >C28-C36	<10.0	10.0	02/09/2024	ND					

Surrogate: 1-Chlorooctane *65.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *69.2 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/08/2024	Sampling Date:	02/08/2024
Reported:	02/13/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 162 (3.5') (H240607-08)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/09/2024	ND	2.01	100	2.00	1.01	
Toluene*	<0.050	0.050	02/09/2024	ND	2.01	101	2.00	0.728	
Ethylbenzene*	<0.050	0.050	02/09/2024	ND	2.00	100	2.00	0.805	
Total Xylenes*	<0.150	0.150	02/09/2024	ND	5.96	99.3	6.00	0.613	
Total BTEX	<0.300	0.300	02/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	02/09/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2024	ND	216	108	200	1.76	
DRO >C10-C28*	<10.0	10.0	02/09/2024	ND	207	104	200	0.779	
EXT DRO >C28-C36	<10.0	10.0	02/09/2024	ND					

Surrogate: 1-Chlorooctane *66.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *70.1 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/08/2024	Sampling Date:	02/08/2024
Reported:	02/13/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 163 (3.5') (H240607-09)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/09/2024	ND	2.01	100	2.00	1.01	
Toluene*	<0.050	0.050	02/09/2024	ND	2.01	101	2.00	0.728	
Ethylbenzene*	<0.050	0.050	02/09/2024	ND	2.00	100	2.00	0.805	
Total Xylenes*	<0.150	0.150	02/09/2024	ND	5.96	99.3	6.00	0.613	
Total BTEX	<0.300	0.300	02/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**208**	16.0	02/09/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2024	ND	216	108	200	1.76	
DRO >C10-C28*	<10.0	10.0	02/09/2024	ND	207	104	200	0.779	
EXT DRO >C28-C36	<10.0	10.0	02/09/2024	ND					

Surrogate: 1-Chlorooctane *65.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *69.0 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/08/2024	Sampling Date:	02/08/2024
Reported:	02/13/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 164 (3.5') (H240607-10)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/09/2024	ND	2.01	100	2.00	1.01	
Toluene*	<0.050	0.050	02/09/2024	ND	2.01	101	2.00	0.728	
Ethylbenzene*	<0.050	0.050	02/09/2024	ND	2.00	100	2.00	0.805	
Total Xylenes*	<0.150	0.150	02/09/2024	ND	5.96	99.3	6.00	0.613	
Total BTEX	<0.300	0.300	02/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**208**	16.0	02/09/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2024	ND	216	108	200	1.76	
DRO >C10-C28*	<10.0	10.0	02/09/2024	ND	207	104	200	0.779	
EXT DRO >C28-C36	<10.0	10.0	02/09/2024	ND					

Surrogate: 1-Chlorooctane *67.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *71.4 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/08/2024	Sampling Date:	02/08/2024
Reported:	02/13/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 165 (3.5') (H240607-11)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/09/2024	ND	2.01	100	2.00	1.01	
Toluene*	<0.050	0.050	02/09/2024	ND	2.01	101	2.00	0.728	
Ethylbenzene*	<0.050	0.050	02/09/2024	ND	2.00	100	2.00	0.805	
Total Xylenes*	<0.150	0.150	02/09/2024	ND	5.96	99.3	6.00	0.613	
Total BTEX	<0.300	0.300	02/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**256**	16.0	02/09/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2024	ND	216	108	200	1.76	
DRO >C10-C28*	<10.0	10.0	02/09/2024	ND	207	104	200	0.779	
EXT DRO >C28-C36	<10.0	10.0	02/09/2024	ND					

Surrogate: 1-Chlorooctane *60.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *64.3 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/08/2024	Sampling Date:	02/08/2024
Reported:	02/13/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 166 (3.5') (H240607-12)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/09/2024	ND	2.01	100	2.00	1.01	
Toluene*	<0.050	0.050	02/09/2024	ND	2.01	101	2.00	0.728	
Ethylbenzene*	<0.050	0.050	02/09/2024	ND	2.00	100	2.00	0.805	
Total Xylenes*	<0.150	0.150	02/09/2024	ND	5.96	99.3	6.00	0.613	
Total BTEX	<0.300	0.300	02/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**336**	16.0	02/09/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2024	ND	216	108	200	1.76	
DRO >C10-C28*	<10.0	10.0	02/09/2024	ND	207	104	200	0.779	
EXT DRO >C28-C36	<10.0	10.0	02/09/2024	ND					

Surrogate: 1-Chlorooctane *72.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *76.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/08/2024	Sampling Date:	02/08/2024
Reported:	02/13/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 167 (3.5') (H240607-13)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/09/2024	ND	2.01	100	2.00	1.01	
Toluene*	<0.050	0.050	02/09/2024	ND	2.01	101	2.00	0.728	
Ethylbenzene*	<0.050	0.050	02/09/2024	ND	2.00	100	2.00	0.805	
Total Xylenes*	<0.150	0.150	02/09/2024	ND	5.96	99.3	6.00	0.613	
Total BTEX	<0.300	0.300	02/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**368**	16.0	02/09/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2024	ND	216	108	200	1.76	
DRO >C10-C28*	<10.0	10.0	02/09/2024	ND	207	104	200	0.779	
EXT DRO >C28-C36	<10.0	10.0	02/09/2024	ND					

Surrogate: 1-Chlorooctane *73.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *77.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/08/2024	Sampling Date:	02/08/2024
Reported:	02/13/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 168 (3.5') (H240607-14)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/09/2024	ND	2.01	100	2.00	1.01	
Toluene*	<0.050	0.050	02/09/2024	ND	2.01	101	2.00	0.728	
Ethylbenzene*	<0.050	0.050	02/09/2024	ND	2.00	100	2.00	0.805	
Total Xylenes*	<0.150	0.150	02/09/2024	ND	5.96	99.3	6.00	0.613	
Total BTEX	<0.300	0.300	02/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**384**	16.0	02/09/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2024	ND	216	108	200	1.76	
DRO >C10-C28*	<10.0	10.0	02/09/2024	ND	207	104	200	0.779	
EXT DRO >C28-C36	<10.0	10.0	02/09/2024	ND					

Surrogate: 1-Chlorooctane *73.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *78.2 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/08/2024	Sampling Date:	02/08/2024
Reported:	02/13/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 169 (3.5') (H240607-15)

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	02/09/2024	ND	2.01	100	2.00	1.01	
Toluene*	<0.050	0.050	02/09/2024	ND	2.01	101	2.00	0.728	
Ethylbenzene*	<0.050	0.050	02/09/2024	ND	2.00	100	2.00	0.805	
Total Xylenes*	<0.150	0.150	02/09/2024	ND	5.96	99.3	6.00	0.613	
Total BTEX	<0.300	0.300	02/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	02/09/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/12/2024	ND	216	108	200	1.76	
DRO >C10-C28*	<10.0	10.0	02/12/2024	ND	207	104	200	0.779	
EXT DRO >C28-C36	<10.0	10.0	02/12/2024	ND					

Surrogate: 1-Chlorooctane *71.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *80.6 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/08/2024	Sampling Date:	02/08/2024
Reported:	02/13/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 170 (3.5') (H240607-16)

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	02/09/2024	ND	2.01	100	2.00	1.01	
Toluene*	<0.050	0.050	02/09/2024	ND	2.01	101	2.00	0.728	
Ethylbenzene*	<0.050	0.050	02/09/2024	ND	2.00	100	2.00	0.805	
Total Xylenes*	<0.150	0.150	02/09/2024	ND	5.96	99.3	6.00	0.613	
Total BTEX	<0.300	0.300	02/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	02/09/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/12/2024	ND	216	108	200	1.76	
DRO >C10-C28*	<10.0	10.0	02/12/2024	ND	207	104	200	0.779	
EXT DRO >C28-C36	<10.0	10.0	02/12/2024	ND					

Surrogate: 1-Chlorooctane *77.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *87.8 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/08/2024	Sampling Date:	02/08/2024
Reported:	02/13/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 171 (3.5') (H240607-17)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/09/2024	ND	2.01	100	2.00	1.01	
Toluene*	<0.050	0.050	02/09/2024	ND	2.01	101	2.00	0.728	
Ethylbenzene*	<0.050	0.050	02/09/2024	ND	2.00	100	2.00	0.805	
Total Xylenes*	<0.150	0.150	02/09/2024	ND	5.96	99.3	6.00	0.613	
Total BTEX	<0.300	0.300	02/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	02/09/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2024	ND	216	108	200	1.76	
DRO >C10-C28*	<10.0	10.0	02/09/2024	ND	207	104	200	0.779	
EXT DRO >C28-C36	<10.0	10.0	02/09/2024	ND					

Surrogate: 1-Chlorooctane *66.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *72.9 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/08/2024	Sampling Date:	02/08/2024
Reported:	02/13/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 172 (3.5') (H240607-18)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/09/2024	ND	2.01	100	2.00	1.01	
Toluene*	<0.050	0.050	02/09/2024	ND	2.01	101	2.00	0.728	
Ethylbenzene*	<0.050	0.050	02/09/2024	ND	2.00	100	2.00	0.805	
Total Xylenes*	<0.150	0.150	02/09/2024	ND	5.96	99.3	6.00	0.613	
Total BTEX	<0.300	0.300	02/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**176**	16.0	02/09/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2024	ND	216	108	200	1.76	
DRO >C10-C28*	<10.0	10.0	02/09/2024	ND	207	104	200	0.779	
EXT DRO >C28-C36	<10.0	10.0	02/09/2024	ND					

Surrogate: 1-Chlorooctane *76.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *84.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/08/2024	Sampling Date:	02/08/2024
Reported:	02/13/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 173 (3.5') (H240607-19)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/09/2024	ND	2.01	100	2.00	1.01	
Toluene*	<0.050	0.050	02/09/2024	ND	2.01	101	2.00	0.728	
Ethylbenzene*	<0.050	0.050	02/09/2024	ND	2.00	100	2.00	0.805	
Total Xylenes*	<0.150	0.150	02/09/2024	ND	5.96	99.3	6.00	0.613	
Total BTEX	<0.300	0.300	02/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**176**	16.0	02/09/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2024	ND	216	108	200	1.76	
DRO >C10-C28*	<10.0	10.0	02/09/2024	ND	207	104	200	0.779	
EXT DRO >C28-C36	<10.0	10.0	02/09/2024	ND					

Surrogate: 1-Chlorooctane *84.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *92.4 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/08/2024	Sampling Date:	02/08/2024
Reported:	02/13/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 174 (2') (H240607-20)

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	02/09/2024	ND	2.01	100	2.00	1.01	
Toluene*	<0.050	0.050	02/09/2024	ND	2.01	101	2.00	0.728	
Ethylbenzene*	<0.050	0.050	02/09/2024	ND	2.00	100	2.00	0.805	
Total Xylenes*	<0.150	0.150	02/09/2024	ND	5.96	99.3	6.00	0.613	
Total BTEX	<0.300	0.300	02/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	02/09/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2024	ND	216	108	200	1.76	
DRO >C10-C28*	<10.0	10.0	02/09/2024	ND	207	104	200	0.779	
EXT DRO >C28-C36	<10.0	10.0	02/09/2024	ND					

Surrogate: 1-Chlorooctane *80.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *87.0 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/08/2024	Sampling Date:	02/08/2024
Reported:	02/13/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 175 (2') (H240607-21)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/09/2024	ND	1.98	99.0	2.00	7.56	
Toluene*	<0.050	0.050	02/09/2024	ND	2.15	107	2.00	3.56	
Ethylbenzene*	<0.050	0.050	02/09/2024	ND	2.29	114	2.00	2.51	
Total Xylenes*	<0.150	0.150	02/09/2024	ND	6.90	115	6.00	2.27	
Total BTEX	<0.300	0.300	02/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	02/09/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2024	ND	200	100	200	1.10	
DRO >C10-C28*	<10.0	10.0	02/09/2024	ND	189	94.7	200	4.82	
EXT DRO >C28-C36	<10.0	10.0	02/09/2024	ND					

Surrogate: 1-Chlorooctane *84.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *91.1 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/08/2024	Sampling Date:	02/08/2024
Reported:	02/13/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 176 (2') (H240607-22)

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	02/09/2024	ND	1.98	99.0	2.00	7.56	
Toluene*	<0.050	0.050	02/09/2024	ND	2.15	107	2.00	3.56	
Ethylbenzene*	<0.050	0.050	02/09/2024	ND	2.29	114	2.00	2.51	
Total Xylenes*	<0.150	0.150	02/09/2024	ND	6.90	115	6.00	2.27	
Total BTEX	<0.300	0.300	02/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	02/09/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2024	ND	200	100	200	1.10	
DRO >C10-C28*	<10.0	10.0	02/09/2024	ND	189	94.7	200	4.82	
EXT DRO >C28-C36	<10.0	10.0	02/09/2024	ND					

Surrogate: 1-Chlorooctane *91.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/08/2024	Sampling Date:	02/08/2024
Reported:	02/13/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 177 (2') (H240607-23)

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	02/09/2024	ND	1.98	99.0	2.00	7.56	
Toluene*	<0.050	0.050	02/09/2024	ND	2.15	107	2.00	3.56	
Ethylbenzene*	<0.050	0.050	02/09/2024	ND	2.29	114	2.00	2.51	
Total Xylenes*	<0.150	0.150	02/09/2024	ND	6.90	115	6.00	2.27	
Total BTEX	<0.300	0.300	02/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	02/09/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2024	ND	200	100	200	1.10	
DRO >C10-C28*	<10.0	10.0	02/09/2024	ND	189	94.7	200	4.82	
EXT DRO >C28-C36	<10.0	10.0	02/09/2024	ND					

Surrogate: 1-Chlorooctane *83.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *90.6 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/08/2024	Sampling Date:	02/08/2024
Reported:	02/13/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 178 (2') (H240607-24)

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	02/09/2024	ND	1.98	99.0	2.00	7.56	
Toluene*	<0.050	0.050	02/09/2024	ND	2.15	107	2.00	3.56	
Ethylbenzene*	<0.050	0.050	02/09/2024	ND	2.29	114	2.00	2.51	
Total Xylenes*	<0.150	0.150	02/09/2024	ND	6.90	115	6.00	2.27	
Total BTEX	<0.300	0.300	02/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	02/09/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2024	ND	200	100	200	1.10	
DRO >C10-C28*	<10.0	10.0	02/09/2024	ND	189	94.7	200	4.82	
EXT DRO >C28-C36	<10.0	10.0	02/09/2024	ND					

Surrogate: 1-Chlorooctane *81.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *86.2 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/08/2024	Sampling Date:	02/08/2024
Reported:	02/13/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 179 (2') (H240607-25)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/09/2024	ND	1.98	99.0	2.00	7.56	
Toluene*	<0.050	0.050	02/09/2024	ND	2.15	107	2.00	3.56	
Ethylbenzene*	<0.050	0.050	02/09/2024	ND	2.29	114	2.00	2.51	
Total Xylenes*	<0.150	0.150	02/09/2024	ND	6.90	115	6.00	2.27	
Total BTEX	<0.300	0.300	02/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**288**	16.0	02/09/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2024	ND	200	100	200	1.10	
DRO >C10-C28*	<10.0	10.0	02/09/2024	ND	189	94.7	200	4.82	
EXT DRO >C28-C36	<10.0	10.0	02/09/2024	ND					

Surrogate: 1-Chlorooctane *80.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *85.8 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/08/2024	Sampling Date:	02/08/2024
Reported:	02/13/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 180 (2') (H240607-26)

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	02/09/2024	ND	1.98	99.0	2.00	7.56	
Toluene*	<0.050	0.050	02/09/2024	ND	2.15	107	2.00	3.56	
Ethylbenzene*	<0.050	0.050	02/09/2024	ND	2.29	114	2.00	2.51	
Total Xylenes*	<0.150	0.150	02/09/2024	ND	6.90	115	6.00	2.27	
Total BTEX	<0.300	0.300	02/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	02/09/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2024	ND	200	100	200	1.10	
DRO >C10-C28*	<10.0	10.0	02/09/2024	ND	189	94.7	200	4.82	
EXT DRO >C28-C36	<10.0	10.0	02/09/2024	ND					

Surrogate: 1-Chlorooctane *79.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *84.1 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/08/2024	Sampling Date:	02/08/2024
Reported:	02/13/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 181 (2') (H240607-27)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/09/2024	ND	1.98	99.0	2.00	7.56	
Toluene*	<0.050	0.050	02/09/2024	ND	2.15	107	2.00	3.56	
Ethylbenzene*	<0.050	0.050	02/09/2024	ND	2.29	114	2.00	2.51	
Total Xylenes*	<0.150	0.150	02/09/2024	ND	6.90	115	6.00	2.27	
Total BTEX	<0.300	0.300	02/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	02/09/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2024	ND	200	100	200	1.10	
DRO >C10-C28*	<10.0	10.0	02/09/2024	ND	189	94.7	200	4.82	
EXT DRO >C28-C36	<10.0	10.0	02/09/2024	ND					

Surrogate: 1-Chlorooctane *88.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *94.3 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/08/2024	Sampling Date:	02/08/2024
Reported:	02/13/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 182 (2') (H240607-28)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/09/2024	ND	1.98	99.0	2.00	7.56	
Toluene*	<0.050	0.050	02/09/2024	ND	2.15	107	2.00	3.56	
Ethylbenzene*	<0.050	0.050	02/09/2024	ND	2.29	114	2.00	2.51	
Total Xylenes*	<0.150	0.150	02/09/2024	ND	6.90	115	6.00	2.27	
Total BTEX	<0.300	0.300	02/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	02/09/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2024	ND	200	100	200	1.10	
DRO >C10-C28*	<10.0	10.0	02/09/2024	ND	189	94.7	200	4.82	
EXT DRO >C28-C36	<10.0	10.0	02/09/2024	ND					

Surrogate: 1-Chlorooctane *80.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *84.4 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/08/2024	Sampling Date:	02/08/2024
Reported:	02/13/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 183 (2') (H240607-29)

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	02/09/2024	ND	1.98	99.0	2.00	7.56	
Toluene*	<0.050	0.050	02/09/2024	ND	2.15	107	2.00	3.56	
Ethylbenzene*	<0.050	0.050	02/09/2024	ND	2.29	114	2.00	2.51	
Total Xylenes*	<0.150	0.150	02/09/2024	ND	6.90	115	6.00	2.27	
Total BTEX	<0.300	0.300	02/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	02/09/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2024	ND	200	100	200	1.10	
DRO >C10-C28*	<10.0	10.0	02/09/2024	ND	189	94.7	200	4.82	
EXT DRO >C28-C36	<10.0	10.0	02/09/2024	ND					

Surrogate: 1-Chlorooctane *81.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *85.4 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/08/2024	Sampling Date:	02/08/2024
Reported:	02/13/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 184 (2') (H240607-30)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/09/2024	ND	1.98	99.0	2.00	7.56	
Toluene*	<0.050	0.050	02/09/2024	ND	2.15	107	2.00	3.56	
Ethylbenzene*	<0.050	0.050	02/09/2024	ND	2.29	114	2.00	2.51	
Total Xylenes*	<0.150	0.150	02/09/2024	ND	6.90	115	6.00	2.27	
Total BTEX	<0.300	0.300	02/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	02/09/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2024	ND	200	100	200	1.10	
DRO >C10-C28*	<10.0	10.0	02/09/2024	ND	189	94.7	200	4.82	
EXT DRO >C28-C36	<10.0	10.0	02/09/2024	ND					

Surrogate: 1-Chlorooctane *83.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *88.1 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/08/2024	Sampling Date:	02/08/2024
Reported:	02/13/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 185 (2') (H240607-31)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/09/2024	ND	1.98	99.0	2.00	7.56	
Toluene*	<0.050	0.050	02/09/2024	ND	2.15	107	2.00	3.56	
Ethylbenzene*	<0.050	0.050	02/09/2024	ND	2.29	114	2.00	2.51	
Total Xylenes*	<0.150	0.150	02/09/2024	ND	6.90	115	6.00	2.27	
Total BTEX	<0.300	0.300	02/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	02/09/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2024	ND	200	100	200	1.10	
DRO >C10-C28*	<10.0	10.0	02/09/2024	ND	189	94.7	200	4.82	
EXT DRO >C28-C36	<10.0	10.0	02/09/2024	ND					

Surrogate: 1-Chlorooctane *86.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *94.6 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/08/2024	Sampling Date:	02/08/2024
Reported:	02/13/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 186 (2') (H240607-32)

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	02/09/2024	ND	1.98	99.0	2.00	7.56	
Toluene*	<0.050	0.050	02/09/2024	ND	2.15	107	2.00	3.56	
Ethylbenzene*	<0.050	0.050	02/09/2024	ND	2.29	114	2.00	2.51	
Total Xylenes*	<0.150	0.150	02/09/2024	ND	6.90	115	6.00	2.27	
Total BTEX	<0.300	0.300	02/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	02/09/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2024	ND	200	100	200	1.10	
DRO >C10-C28*	<10.0	10.0	02/09/2024	ND	189	94.7	200	4.82	
EXT DRO >C28-C36	<10.0	10.0	02/09/2024	ND					

Surrogate: 1-Chlorooctane *80.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *88.0 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/08/2024	Sampling Date:	02/08/2024
Reported:	02/13/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 187 (2') (H240607-33)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/09/2024	ND	1.98	99.0	2.00	7.56	
Toluene*	<0.050	0.050	02/09/2024	ND	2.15	107	2.00	3.56	
Ethylbenzene*	<0.050	0.050	02/09/2024	ND	2.29	114	2.00	2.51	
Total Xylenes*	<0.150	0.150	02/09/2024	ND	6.90	115	6.00	2.27	
Total BTEX	<0.300	0.300	02/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	02/09/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2024	ND	200	100	200	1.10	
DRO >C10-C28*	<10.0	10.0	02/09/2024	ND	189	94.7	200	4.82	
EXT DRO >C28-C36	<10.0	10.0	02/09/2024	ND					

Surrogate: 1-Chlorooctane *86.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *94.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/08/2024	Sampling Date:	02/08/2024
Reported:	02/13/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 188 (2') (H240607-34)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/09/2024	ND	1.98	99.0	2.00	7.56	
Toluene*	<0.050	0.050	02/09/2024	ND	2.15	107	2.00	3.56	
Ethylbenzene*	<0.050	0.050	02/09/2024	ND	2.29	114	2.00	2.51	
Total Xylenes*	<0.150	0.150	02/09/2024	ND	6.90	115	6.00	2.27	
Total BTEX	<0.300	0.300	02/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	02/09/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2024	ND	200	100	200	1.10	
DRO >C10-C28*	<10.0	10.0	02/09/2024	ND	189	94.7	200	4.82	
EXT DRO >C28-C36	<10.0	10.0	02/09/2024	ND					

Surrogate: 1-Chlorooctane *87.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.6 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/08/2024	Sampling Date:	02/08/2024
Reported:	02/13/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 189 (2') (H240607-35)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/09/2024	ND	1.98	99.0	2.00	7.56	
Toluene*	<0.050	0.050	02/09/2024	ND	2.15	107	2.00	3.56	
Ethylbenzene*	<0.050	0.050	02/09/2024	ND	2.29	114	2.00	2.51	
Total Xylenes*	<0.150	0.150	02/09/2024	ND	6.90	115	6.00	2.27	
Total BTEX	<0.300	0.300	02/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	02/09/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2024	ND	200	100	200	1.10	
DRO >C10-C28*	<10.0	10.0	02/09/2024	ND	189	94.7	200	4.82	
EXT DRO >C28-C36	<10.0	10.0	02/09/2024	ND					

Surrogate: 1-Chlorooctane *81.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *86.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/08/2024	Sampling Date:	02/08/2024
Reported:	02/13/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 190 (2') (H240607-36)

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	02/09/2024	ND	1.98	99.0	2.00	7.56	
Toluene*	<0.050	0.050	02/09/2024	ND	2.15	107	2.00	3.56	
Ethylbenzene*	<0.050	0.050	02/09/2024	ND	2.29	114	2.00	2.51	
Total Xylenes*	<0.150	0.150	02/09/2024	ND	6.90	115	6.00	2.27	
Total BTEX	<0.300	0.300	02/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	02/09/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2024	ND	200	100	200	1.10	
DRO >C10-C28*	<10.0	10.0	02/09/2024	ND	189	94.7	200	4.82	
EXT DRO >C28-C36	<10.0	10.0	02/09/2024	ND					

Surrogate: 1-Chlorooctane *83.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *90.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/08/2024	Sampling Date:	02/08/2024
Reported:	02/13/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 191 (2') (H240607-37)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/09/2024	ND	1.98	99.0	2.00	7.56	
Toluene*	<0.050	0.050	02/09/2024	ND	2.15	107	2.00	3.56	
Ethylbenzene*	<0.050	0.050	02/09/2024	ND	2.29	114	2.00	2.51	
Total Xylenes*	<0.150	0.150	02/09/2024	ND	6.90	115	6.00	2.27	
Total BTEX	<0.300	0.300	02/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	02/09/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2024	ND	200	100	200	1.10	
DRO >C10-C28*	<10.0	10.0	02/09/2024	ND	189	94.7	200	4.82	
EXT DRO >C28-C36	<10.0	10.0	02/09/2024	ND					

Surrogate: 1-Chlorooctane *88.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *94.3 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/08/2024	Sampling Date:	02/08/2024
Reported:	02/13/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 40 (1.5') (H240607-38)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/09/2024	ND	1.98	99.0	2.00	7.56	
Toluene*	<0.050	0.050	02/09/2024	ND	2.15	107	2.00	3.56	
Ethylbenzene*	<0.050	0.050	02/09/2024	ND	2.29	114	2.00	2.51	
Total Xylenes*	<0.150	0.150	02/09/2024	ND	6.90	115	6.00	2.27	
Total BTEX	<0.300	0.300	02/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**368**	16.0	02/09/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2024	ND	200	100	200	1.10	
DRO >C10-C28*	<10.0	10.0	02/09/2024	ND	189	94.7	200	4.82	
EXT DRO >C28-C36	<10.0	10.0	02/09/2024	ND					

Surrogate: 1-Chlorooctane *91.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *98.9 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/08/2024	Sampling Date:	02/08/2024
Reported:	02/13/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 41 (2') (H240607-39)

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	02/09/2024	ND	1.98	99.0	2.00	7.56	
Toluene*	<0.050	0.050	02/09/2024	ND	2.15	107	2.00	3.56	
Ethylbenzene*	<0.050	0.050	02/09/2024	ND	2.29	114	2.00	2.51	
Total Xylenes*	<0.150	0.150	02/09/2024	ND	6.90	115	6.00	2.27	
Total BTEX	<0.300	0.300	02/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**416**	16.0	02/09/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2024	ND	200	100	200	1.10	
DRO >C10-C28*	<10.0	10.0	02/09/2024	ND	189	94.7	200	4.82	
EXT DRO >C28-C36	<10.0	10.0	02/09/2024	ND					

Surrogate: 1-Chlorooctane *94.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *101 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/08/2024	Sampling Date:	02/08/2024
Reported:	02/13/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 42 (1.5') (H240607-40)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/09/2024	ND	1.98	99.0	2.00	7.56	
Toluene*	<0.050	0.050	02/09/2024	ND	2.15	107	2.00	3.56	
Ethylbenzene*	<0.050	0.050	02/09/2024	ND	2.29	114	2.00	2.51	
Total Xylenes*	<0.150	0.150	02/09/2024	ND	6.90	115	6.00	2.27	
Total BTEX	<0.300	0.300	02/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	16.0	02/09/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2024	ND	200	100	200	1.10	
DRO >C10-C28*	<10.0	10.0	02/09/2024	ND	189	94.7	200	4.82	
EXT DRO >C28-C36	<10.0	10.0	02/09/2024	ND					

Surrogate: 1-Chlorooctane *86.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *91.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/08/2024	Sampling Date:	02/08/2024
Reported:	02/13/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 43 (2') (H240607-41)

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	02/09/2024	ND	2.10	105	2.00	4.70	
Toluene*	<0.050	0.050	02/09/2024	ND	2.11	106	2.00	4.51	
Ethylbenzene*	<0.050	0.050	02/09/2024	ND	2.09	104	2.00	4.76	
Total Xylenes*	<0.150	0.150	02/09/2024	ND	6.28	105	6.00	5.03	
Total BTEX	<0.300	0.300	02/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**240**	16.0	02/09/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2024	ND	202	101	200	0.971	
DRO >C10-C28*	<10.0	10.0	02/09/2024	ND	197	98.5	200	0.904	
EXT DRO >C28-C36	<10.0	10.0	02/09/2024	ND					

Surrogate: 1-Chlorooctane *74.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *71.4 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/08/2024	Sampling Date:	02/08/2024
Reported:	02/13/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 44 (2') (H240607-42)

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	02/09/2024	ND	2.10	105	2.00	4.70	
Toluene*	<0.050	0.050	02/09/2024	ND	2.11	106	2.00	4.51	
Ethylbenzene*	<0.050	0.050	02/09/2024	ND	2.09	104	2.00	4.76	
Total Xylenes*	<0.150	0.150	02/09/2024	ND	6.28	105	6.00	5.03	
Total BTEX	<0.300	0.300	02/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**224**	16.0	02/09/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2024	ND	202	101	200	0.971	
DRO >C10-C28*	<10.0	10.0	02/09/2024	ND	197	98.5	200	0.904	
EXT DRO >C28-C36	<10.0	10.0	02/09/2024	ND					

Surrogate: 1-Chlorooctane *79.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *75.9 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/08/2024	Sampling Date:	02/08/2024
Reported:	02/13/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 45 (2') (H240607-43)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/09/2024	ND	2.10	105	2.00	4.70	
Toluene*	<0.050	0.050	02/09/2024	ND	2.11	106	2.00	4.51	
Ethylbenzene*	<0.050	0.050	02/09/2024	ND	2.09	104	2.00	4.76	
Total Xylenes*	<0.150	0.150	02/09/2024	ND	6.28	105	6.00	5.03	
Total BTEX	<0.300	0.300	02/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	02/09/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2024	ND	202	101	200	0.971	
DRO >C10-C28*	<10.0	10.0	02/09/2024	ND	197	98.5	200	0.904	
EXT DRO >C28-C36	<10.0	10.0	02/09/2024	ND					

Surrogate: 1-Chlorooctane *80.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *76.4 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/08/2024	Sampling Date:	02/08/2024
Reported:	02/13/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 46 (2') (H240607-44)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/09/2024	ND	2.10	105	2.00	4.70	
Toluene*	<0.050	0.050	02/09/2024	ND	2.11	106	2.00	4.51	
Ethylbenzene*	<0.050	0.050	02/09/2024	ND	2.09	104	2.00	4.76	
Total Xylenes*	<0.150	0.150	02/09/2024	ND	6.28	105	6.00	5.03	
Total BTEX	<0.300	0.300	02/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	16.0	02/09/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2024	ND	202	101	200	0.971	
DRO >C10-C28*	<10.0	10.0	02/09/2024	ND	197	98.5	200	0.904	
EXT DRO >C28-C36	<10.0	10.0	02/09/2024	ND					

Surrogate: 1-Chlorooctane *77.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *73.9 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/08/2024	Sampling Date:	02/08/2024
Reported:	02/13/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 47 (0.5') (H240607-45)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/09/2024	ND	2.10	105	2.00	4.70	
Toluene*	<0.050	0.050	02/09/2024	ND	2.11	106	2.00	4.51	
Ethylbenzene*	<0.050	0.050	02/09/2024	ND	2.09	104	2.00	4.76	
Total Xylenes*	<0.150	0.150	02/09/2024	ND	6.28	105	6.00	5.03	
Total BTEX	<0.300	0.300	02/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	02/09/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2024	ND	202	101	200	0.971	
DRO >C10-C28*	<10.0	10.0	02/09/2024	ND	197	98.5	200	0.904	
EXT DRO >C28-C36	<10.0	10.0	02/09/2024	ND					

Surrogate: 1-Chlorooctane *84.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *78.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST SUITE 415
MIDLAND TX, 79701
Fax To:

Received:	02/08/2024	Sampling Date:	02/08/2024
Reported:	02/13/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 48 (0.5') (H240607-46)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/09/2024	ND	2.10	105	2.00	4.70	
Toluene*	<0.050	0.050	02/09/2024	ND	2.11	106	2.00	4.51	
Ethylbenzene*	<0.050	0.050	02/09/2024	ND	2.09	104	2.00	4.76	
Total Xylenes*	<0.150	0.150	02/09/2024	ND	6.28	105	6.00	5.03	
Total BTEX	<0.300	0.300	02/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	02/09/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/09/2024	ND	202	101	200	0.971	
DRO >C10-C28*	<10.0	10.0	02/09/2024	ND	197	98.5	200	0.904	
EXT DRO >C28-C36	<10.0	10.0	02/09/2024	ND					

Surrogate: 1-Chlorooctane *79.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *74.2 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

Page 589 of 758

Chain of Custody

Work Order No: H2406607

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	Todd_Wells@eogresources.com

Page 1 of 5

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lacey Swiss 1 Fed Com 707H
Project Number:	1219
Project Location	Lea County, New Mexico
Sampler's Name:	FV
PO #:	

Turn Around: ☐ Routine ☑ Rush — Due Date: 72-hour

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	140
Cooler Custody Seals:	Yes No N/A	Correction Factor:	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	1.4°C
Total Containers:		Corrected Temperature:	

Preservative Codes

None: NO — DI Water: H_2O

Cool: Cool — MeOH: Me

HCL: HC — HNO_3: HN

H_2S0_4: H_2 — NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
CS-155 (3.5')	2/8/2024		X		Comp	1	X	X	X	
CS-156 (3.5')	2/8/2024		X		Comp	1	X	X	X	
CS-157 (3.5')	2/8/2024		X		Comp	1	X	X	X	
CS-158 (3.5')	2/8/2024		X		Comp	1	X	X	X	
CS-159 (3.5')	2/8/2024		X		Comp	1	X	X	X	
CS-160 (3.5')	2/8/2024		X		Comp	1	X	X	X	
CS-161 (3.5')	2/8/2024		X		Comp	1	X	X	X	
CS-162 (3.5')	2/8/2024		X		Comp	1	X	X	X	
CS-163 (3.5')	2/8/2024		X		Comp	1	X	X	X	
CS-164 (3.5')	2/8/2024		X		Comp	1	X	X	X	

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	7/18/24 1305		

Received by OCD: 7/24/2024 3:36:47 PM

Released to Imaging: 7/30/2024 11:50:05 AM

Page 590 of 758

Chain of Custody

Work Order No: H24607

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	Todd_Wells@eogresources.com

Page 2 of 5

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lacey Swiss 1 Fed Com 707H	Turn Around	
Project Number:	1219	☐ Routine ☑ Rush	
Project Location	Lea County, New Mexico	Due Date:	72-hour
Sampler's Name:	FV		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:		140
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		1.4°
Total Containers:		Corrected Temperature:		

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500
CS-165 (3.5')	2/8/2024		X		Comp	1		X	X	X
CS-166 (3.5')	2/8/2024		X		Comp	1		X	X	X
CS-167 (3.5')	2/8/2024		X		Comp	1		X	X	X
CS-168 (3.5')	2/8/2024		X		Comp	1		X	X	X
CS-169 (3.5')	2/8/2024		X		Comp	1		X	X	X
CS-170 (3.5')	2/8/2024		X		Comp	1		X	X	X
CS-171 (3.5')	2/8/2024		X		Comp	1		X	X	X
CS-172 (3.5')	2/8/2024		X		Comp	1		X	X	X
CS-173 (3.5')	2/8/2024		X		Comp	1		X	X	X
CS-174 (2')	2/8/2024		X		Comp	1		X	X	X

ANALYSIS REQUEST

Preservative Codes

None: NO — DI Water: H_2O

Cool: Cool — MeOH: Me

HCL: HC — HNO_3: HN

H_2S0_4: H_2 — NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Sample Comments

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	7/18/24 1305	Tamara Oldaker	

Received by OCD: 7/24/2024 3:36:41 PM

Released to Imaging: 7/30/2024 11:50:05 AM

Page 591 of 758

Chain of Custody

Work Order No: H24607

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	Todd_Wells@eogresources.com

Page 3 of 5

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lacey Swiss 1 Fed Com 707H	Turn Around	
Project Number:	1219	☐ Routine ☑ Rush	
Project Location	Lea County, New Mexico	Due Date:	72-hour
Sampler's Name:	FV		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Received Intact:	(Yes) No	Thermometer ID:	140	
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:		
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	1.4°c	
Total Containers:		Corrected Temperature:		

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500
CS-175 (2')	2/8/2024		X		Comp	1		X	X	X
CS-176 (2')	2/8/2024		X		Comp	1		X	X	X
CS-177 (2')	2/8/2024		X		Comp	1		X	X	X
CS-178 (2')	2/8/2024		X		Comp	1		X	X	X
CS-179 (2')	2/8/2024		X		Comp	1		X	X	X
CS-180 (2')	2/8/2024		X		Comp	1		X	X	X
CS-181 (2')	2/8/2024		X		Comp	1		X	X	X
CS-182 (2')	2/8/2024		X		Comp	1		X	X	X
CS-183 (2')	2/8/2024		X		Comp	1		X	X	X
CS-184 (2')	2/8/2024		X		Comp	1		X	X	X

ANALYSIS REQUEST — Parameters

Preservative Codes

None: NO — DI Water: H_2O

Cool: Cool — MeOH: Me

HCL: HC — HNO_3: HN

H_2S0_4: H_2 — NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Sample Comments

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	7/18/24 1305		

Received by OCD: 7/24/2024 3:36:41 PM

Released to Imaging: 7/30/2024 11:50:05 AM

Page 592 of 758

Chain of Custody

Work Order No: H24607

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	Todd_Wells@eogresources.com

Page 4 of 5

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lacey Swiss 1 Fed Com 707H	Turn Around	☐ Routine ☑ Rush
Project Number:	1219	Due Date:	72-hour
Project Location	Lea County, New Mexico		
Sampler's Name:	FV		
PO #:			

SAMPLE RECEIPT

Temp Blank:	Yes (No)		Wet Ice:	Yes (No)	
Received Intact:	(Yes) No	Thermometer ID:		140	
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:			
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:		1.4°	
Total Containers:		Corrected Temperature:			

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500
CS-185 (2')	2/8/2024		X		Comp	1		X	X	X
CS-186 (2')	2/8/2024		X		Comp	1		X	X	X
CS-187 (2')	2/8/2024		X		Comp	1		X	X	X
CS-188 (2')	2/8/2024		X		Comp	1		X	X	X
CS-189 (2')	2/8/2024		X		Comp	1		X	X	X
CS-190 (2')	2/8/2024		X		Comp	1		X	X	X
CS-191 (2')	2/8/2024		X		Comp	1		X	X	X
SW-40 (1.5')	2/8/2024		X		Comp	1		X	X	X
SW-41 (2')	2/8/2024		X		Comp	1		X	X	X
SW-42 (1.5')	2/8/2024		X		Comp	1		X	X	X

ANALYSIS REQUEST

Preservative Codes

None: NO — DI Water: H_2O

Cool: Cool — MeOH: Me

HCL: HC — HNO_3: HN

H_2S0_4: H_2 — NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Sample Comments

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	2/8/24 1305	Tamara Latapie	

Received by OCD: 7/24/2024 3:36:41 PM

Released to Imaging: 7/30/2024 11:50:05 AM

Page 593 of 758

Chain of Custody

Work Order No: H24607

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	Todd_Wells@eogresources.com

Page 5 of 5

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lacey Swiss 1 Fed Com 707H	Turn Around	☐ Routine ☑ Rush
Project Number:	1219	Due Date:	72-hour
Project Location	Lea County, New Mexico		
Sampler's Name:	FV		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Received Intact:	(Yes) No	Thermometer ID:		140
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:		
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:		1.4°c
Total Containers:		Corrected Temperature:		

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500
SW-43 (2')	2/8/2024		X		Comp	1		X	X	X
SW-44 (2')	2/8/2024		X		Comp	1		X	X	X
SW-45 (2')	2/8/2024		X		Comp	1		X	X	X
SW-46 (2')	2/8/2024		X		Comp	1		X	X	X
SW-47 (0.5')	2/8/2024		X		Comp	1		X	X	X
SW-48 (0.5')	2/8/2024		X		Comp	1		X	X	X

ANALYSIS REQUEST

Preservative Codes

None: NO — DI Water: H_2O

Cool: Cool — MeOH: Me

HCL: HC — HNO_3: HN

H_2S0_4: H_2 — NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Sample Comments

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	2/8/24 1305		

Received by OCD: 7/24/2024 3:36:41 PM

Released to Imaging: 7/30/2024 11:50:05 AM

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

February 15, 2024

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: LACEY SWISS 1 FED COM 707H

Enclosed are the results of analyses for samples received by the laboratory on 02/13/24 8:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 192 (1.5') (H240661-01)

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	02/13/2024	ND	2.20	110	2.00	1.57	
Toluene*	<0.050	0.050	02/13/2024	ND	2.20	110	2.00	1.30	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	2.19	109	2.00	1.23	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	6.57	110	6.00	0.901	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	02/13/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	207	104	200	0.233	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	199	99.7	200	0.0552	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *83.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *74.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 193 (1.5') (H240661-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.20	110	2.00	1.57	
Toluene*	<0.050	0.050	02/13/2024	ND	2.20	110	2.00	1.30	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	2.19	109	2.00	1.23	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	6.57	110	6.00	0.901	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	02/13/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	207	104	200	0.233	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	199	99.7	200	0.0552	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *79.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *75.9 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 194 (1.5') (H240661-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.20	110	2.00	1.57	
Toluene*	<0.050	0.050	02/13/2024	ND	2.20	110	2.00	1.30	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	2.19	109	2.00	1.23	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	6.57	110	6.00	0.901	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	02/13/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	207	104	200	0.233	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	199	99.7	200	0.0552	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *74.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *65.2 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 195 (1.5') (H240661-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.20	110	2.00	1.57	
Toluene*	<0.050	0.050	02/13/2024	ND	2.20	110	2.00	1.30	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	2.19	109	2.00	1.23	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	6.57	110	6.00	0.901	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	02/13/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	207	104	200	0.233	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	199	99.7	200	0.0552	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *83.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *73.4 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 196 (1.5') (H240661-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.20	110	2.00	1.57	
Toluene*	<0.050	0.050	02/13/2024	ND	2.20	110	2.00	1.30	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	2.19	109	2.00	1.23	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	6.57	110	6.00	0.901	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	02/13/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	207	104	200	0.233	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	199	99.7	200	0.0552	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *91.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *81.4 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 197 (1.5') (H240661-06)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.20	110	2.00	1.57	
Toluene*	<0.050	0.050	02/13/2024	ND	2.20	110	2.00	1.30	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	2.19	109	2.00	1.23	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	6.57	110	6.00	0.901	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	02/13/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	229	115	200	2.59	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	223	112	200	0.663	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *82.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *89.2 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 198 (1.5') (H240661-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.20	110	2.00	1.57	
Toluene*	<0.050	0.050	02/13/2024	ND	2.20	110	2.00	1.30	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	2.19	109	2.00	1.23	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	6.57	110	6.00	0.901	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	02/13/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	229	115	200	2.59	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	223	112	200	0.663	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *77.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *85.3 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 199 (1.5') (H240661-08)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.20	110	2.00	1.57	
Toluene*	<0.050	0.050	02/13/2024	ND	2.20	110	2.00	1.30	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	2.19	109	2.00	1.23	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	6.57	110	6.00	0.901	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	02/13/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	229	115	200	2.59	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	223	112	200	0.663	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *71.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *73.3 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 200 (1.5') (H240661-09)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.20	110	2.00	1.57	
Toluene*	<0.050	0.050	02/13/2024	ND	2.20	110	2.00	1.30	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	2.19	109	2.00	1.23	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	6.57	110	6.00	0.901	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	02/13/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	229	115	200	2.59	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	223	112	200	0.663	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *80.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *85.0 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 201 (1.5') (H240661-10)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.20	110	2.00	1.57	
Toluene*	<0.050	0.050	02/13/2024	ND	2.20	110	2.00	1.30	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	2.19	109	2.00	1.23	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	6.57	110	6.00	0.901	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	02/13/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	229	115	200	2.59	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	223	112	200	0.663	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *79.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *82.8 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 202 (1.5') (H240661-11)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.20	110	2.00	1.57	
Toluene*	<0.050	0.050	02/13/2024	ND	2.20	110	2.00	1.30	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	2.19	109	2.00	1.23	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	6.57	110	6.00	0.901	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	02/13/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	229	115	200	2.59	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	223	112	200	0.663	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *82.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *88.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 203 (1.5') (H240661-12)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.20	110	2.00	1.57	
Toluene*	<0.050	0.050	02/13/2024	ND	2.20	110	2.00	1.30	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	2.19	109	2.00	1.23	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	6.57	110	6.00	0.901	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	02/13/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	229	115	200	2.59	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	223	112	200	0.663	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *74.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *79.0 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 204 (1.5') (H240661-13)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.20	110	2.00	1.57	
Toluene*	<0.050	0.050	02/13/2024	ND	2.20	110	2.00	1.30	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	2.19	109	2.00	1.23	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	6.57	110	6.00	0.901	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	02/13/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	229	115	200	2.59	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	223	112	200	0.663	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *77.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *82.4 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 205 (1.5') (H240661-14)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.20	110	2.00	1.57	
Toluene*	<0.050	0.050	02/13/2024	ND	2.20	110	2.00	1.30	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	2.19	109	2.00	1.23	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	6.57	110	6.00	0.901	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	02/13/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	229	115	200	2.59	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	223	112	200	0.663	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *80.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *86.8 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 206 (1.5') (H240661-15)

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	02/13/2024	ND	2.20	110	2.00	1.57	
Toluene*	<0.050	0.050	02/13/2024	ND	2.20	110	2.00	1.30	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	2.19	109	2.00	1.23	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	6.57	110	6.00	0.901	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	02/13/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	229	115	200	2.59	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	223	112	200	0.663	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *82.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *87.0 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 207 (1.5') (H240661-16)

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	02/13/2024	ND	2.20	110	2.00	1.57	
Toluene*	<0.050	0.050	02/13/2024	ND	2.20	110	2.00	1.30	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	2.19	109	2.00	1.23	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	6.57	110	6.00	0.901	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	02/13/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	229	115	200	2.59	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	223	112	200	0.663	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *81.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *85.3 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 208 (1.5') (H240661-17)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.20	110	2.00	1.57	
Toluene*	<0.050	0.050	02/13/2024	ND	2.20	110	2.00	1.30	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	2.19	109	2.00	1.23	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	6.57	110	6.00	0.901	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	02/13/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	229	115	200	2.59	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	223	112	200	0.663	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *99.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *106 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 209 (1.5') (H240661-18)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.20	110	2.00	1.57	
Toluene*	<0.050	0.050	02/13/2024	ND	2.20	110	2.00	1.30	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	2.19	109	2.00	1.23	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	6.57	110	6.00	0.901	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	02/13/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	229	115	200	2.59	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	223	112	200	0.663	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *82.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *87.1 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 210 (1.5') (H240661-19)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.20	110	2.00	1.57	
Toluene*	<0.050	0.050	02/13/2024	ND	2.20	110	2.00	1.30	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	2.19	109	2.00	1.23	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	6.57	110	6.00	0.901	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	02/13/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	229	115	200	2.59	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	223	112	200	0.663	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *82.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *86.9 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 211 (1.5') (H240661-20)

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	02/13/2024	ND	2.20	110	2.00	1.57	
Toluene*	<0.050	0.050	02/13/2024	ND	2.20	110	2.00	1.30	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	2.19	109	2.00	1.23	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	6.57	110	6.00	0.901	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	02/13/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	229	115	200	2.59	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	223	112	200	0.663	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *98.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *103 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 212 (1.5') (H240661-21)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.09	105	2.00	0.269	
Toluene*	<0.050	0.050	02/13/2024	ND	2.12	106	2.00	0.467	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	2.11	106	2.00	1.02	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	6.30	105	6.00	1.20	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	02/13/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	229	115	200	2.59	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	223	112	200	0.663	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *80.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *85.6 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 213 (1.5') (H240661-22)

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	02/13/2024	ND	2.09	105	2.00	0.269	
Toluene*	<0.050	0.050	02/13/2024	ND	2.12	106	2.00	0.467	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	2.11	106	2.00	1.02	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	6.30	105	6.00	1.20	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	02/13/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	229	115	200	2.59	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	223	112	200	0.663	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *80.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *87.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 214 (1.5') (H240661-23)

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	02/13/2024	ND	2.09	105	2.00	0.269	
Toluene*	<0.050	0.050	02/13/2024	ND	2.12	106	2.00	0.467	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	2.11	106	2.00	1.02	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	6.30	105	6.00	1.20	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *116 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	02/13/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	229	115	200	2.59	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	223	112	200	0.663	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *80.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *87.8 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 215 (1.5') (H240661-24)

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	02/13/2024	ND	2.09	105	2.00	0.269	
Toluene*	<0.050	0.050	02/13/2024	ND	2.12	106	2.00	0.467	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	2.11	106	2.00	1.02	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	6.30	105	6.00	1.20	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	02/13/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	229	115	200	2.59	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	223	112	200	0.663	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *82.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *87.3 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 216 (1.5') (H240661-25)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.09	105	2.00	0.269	
Toluene*	<0.050	0.050	02/13/2024	ND	2.12	106	2.00	0.467	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	2.11	106	2.00	1.02	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	6.30	105	6.00	1.20	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	02/13/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	229	115	200	2.59	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	223	112	200	0.663	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *81.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *85.2 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 217 (1.5') (H240661-26)

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	02/13/2024	ND	2.09	105	2.00	0.269	
Toluene*	<0.050	0.050	02/13/2024	ND	2.12	106	2.00	0.467	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	2.11	106	2.00	1.02	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	6.30	105	6.00	1.20	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	02/13/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	214	107	200	5.33	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	231	116	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *96.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *89.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 218 (1.5') (H240661-27)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.09	105	2.00	0.269	
Toluene*	<0.050	0.050	02/13/2024	ND	2.12	106	2.00	0.467	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	2.11	106	2.00	1.02	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	6.30	105	6.00	1.20	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	02/13/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	214	107	200	5.33	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	231	116	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *99.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *92.1 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 219 (1.5') (H240661-28)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.09	105	2.00	0.269	
Toluene*	<0.050	0.050	02/13/2024	ND	2.12	106	2.00	0.467	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	2.11	106	2.00	1.02	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	6.30	105	6.00	1.20	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	02/13/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	214	107	200	5.33	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	231	116	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *98.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *93.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 220 (1.5') (H240661-29)

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	02/13/2024	ND	2.09	105	2.00	0.269	
Toluene*	<0.050	0.050	02/13/2024	ND	2.12	106	2.00	0.467	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	2.11	106	2.00	1.02	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	6.30	105	6.00	1.20	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *116 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	02/13/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	214	107	200	5.33	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	231	116	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *91.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *84.3 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 221 (1.5') (H240661-30)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.09	105	2.00	0.269	
Toluene*	<0.050	0.050	02/13/2024	ND	2.12	106	2.00	0.467	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	2.11	106	2.00	1.02	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	6.30	105	6.00	1.20	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	02/13/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	214	107	200	5.33	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	231	116	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *98.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *90.9 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 222 (1.5') (H240661-31)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.09	105	2.00	0.269	
Toluene*	<0.050	0.050	02/13/2024	ND	2.12	106	2.00	0.467	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	2.11	106	2.00	1.02	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	6.30	105	6.00	1.20	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	02/13/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	214	107	200	5.33	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	231	116	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *90.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *84.0 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 223 (1.5') (H240661-32)

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	02/13/2024	ND	2.09	105	2.00	0.269	
Toluene*	<0.050	0.050	02/13/2024	ND	2.12	106	2.00	0.467	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	2.11	106	2.00	1.02	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	6.30	105	6.00	1.20	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	02/13/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	214	107	200	5.33	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	231	116	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *87.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *80.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 224 (1.5') (H240661-33)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.09	105	2.00	0.269	
Toluene*	<0.050	0.050	02/13/2024	ND	2.12	106	2.00	0.467	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	2.11	106	2.00	1.02	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	6.30	105	6.00	1.20	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *116 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	02/13/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	214	107	200	5.33	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	231	116	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *96.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *89.6 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 225 (1.5') (H240661-34)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.09	105	2.00	0.269	
Toluene*	<0.050	0.050	02/13/2024	ND	2.12	106	2.00	0.467	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	2.11	106	2.00	1.02	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	6.30	105	6.00	1.20	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *117 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	02/13/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	214	107	200	5.33	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	231	116	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *98.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *90.1 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 226 (1.5') (H240661-35)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.09	105	2.00	0.269	
Toluene*	<0.050	0.050	02/13/2024	ND	2.12	106	2.00	0.467	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	2.11	106	2.00	1.02	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	6.30	105	6.00	1.20	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	02/13/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	214	107	200	5.33	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	231	116	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *96.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *88.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 227 (1.5') (H240661-36)

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	02/13/2024	ND	2.09	105	2.00	0.269	
Toluene*	<0.050	0.050	02/13/2024	ND	2.12	106	2.00	0.467	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	2.11	106	2.00	1.02	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	6.30	105	6.00	1.20	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	02/13/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	214	107	200	5.33	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	231	116	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *96.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *90.8 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 228 (1.5') (H240661-37)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.09	105	2.00	0.269	
Toluene*	<0.050	0.050	02/13/2024	ND	2.12	106	2.00	0.467	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	2.11	106	2.00	1.02	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	6.30	105	6.00	1.20	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	02/13/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	214	107	200	5.33	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	231	116	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *102 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *94.4 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 229 (1.5') (H240661-38)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.09	105	2.00	0.269	
Toluene*	<0.050	0.050	02/13/2024	ND	2.12	106	2.00	0.467	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	2.11	106	2.00	1.02	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	6.30	105	6.00	1.20	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	02/13/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	214	107	200	5.33	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	231	116	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *98.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *87.0 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 230 (1.5') (H240661-39)

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	02/13/2024	ND	2.09	105	2.00	0.269	
Toluene*	<0.050	0.050	02/13/2024	ND	2.12	106	2.00	0.467	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	2.11	106	2.00	1.02	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	6.30	105	6.00	1.20	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	02/13/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	214	107	200	5.33	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	231	116	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *93.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *84.8 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 231 (1.5') (H240661-40)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.09	105	2.00	0.269	
Toluene*	<0.050	0.050	02/13/2024	ND	2.12	106	2.00	0.467	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	2.11	106	2.00	1.02	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	6.30	105	6.00	1.20	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *116 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	02/13/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	214	107	200	5.33	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	231	116	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *92.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *81.4 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 232 (1.5') (H240661-41)

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	02/13/2024	ND	2.01	101	2.00	3.56	
Toluene*	<0.050	0.050	02/13/2024	ND	1.96	97.8	2.00	2.74	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	1.99	99.3	2.00	5.31	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	5.85	97.5	6.00	5.42	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.7 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	02/13/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	214	107	200	5.33	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	231	116	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *95.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *92.0 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 233 (1.5') (H240661-42)

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	02/13/2024	ND	2.01	101	2.00	3.56	
Toluene*	<0.050	0.050	02/13/2024	ND	1.96	97.8	2.00	2.74	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	1.99	99.3	2.00	5.31	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	5.85	97.5	6.00	5.42	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	02/13/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	214	107	200	5.33	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	231	116	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *99.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *91.8 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 234 (1.5') (H240661-43)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.01	101	2.00	3.56	
Toluene*	<0.050	0.050	02/13/2024	ND	1.96	97.8	2.00	2.74	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	1.99	99.3	2.00	5.31	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	5.85	97.5	6.00	5.42	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.6 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	02/13/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	214	107	200	5.33	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	231	116	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *97.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *89.2 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 235 (1.5') (H240661-44)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.01	101	2.00	3.56	
Toluene*	<0.050	0.050	02/13/2024	ND	1.96	97.8	2.00	2.74	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	1.99	99.3	2.00	5.31	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	5.85	97.5	6.00	5.42	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	02/13/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	214	107	200	5.33	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	231	116	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *93.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *85.1 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 236 (1.5') (H240661-45)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.01	101	2.00	3.56	
Toluene*	<0.050	0.050	02/13/2024	ND	1.96	97.8	2.00	2.74	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	1.99	99.3	2.00	5.31	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	5.85	97.5	6.00	5.42	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.9 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	02/13/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	214	107	200	5.33	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	231	116	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *93.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *85.4 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 237 (1.5') (H240661-46)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.01	101	2.00	3.56	
Toluene*	<0.050	0.050	02/13/2024	ND	1.96	97.8	2.00	2.74	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	1.99	99.3	2.00	5.31	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	5.85	97.5	6.00	5.42	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	02/13/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	203	101	200	4.40	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	190	95.1	200	9.35	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *75.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *65.0 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 238 (1.5') (H240661-47)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.01	101	2.00	3.56	
Toluene*	<0.050	0.050	02/13/2024	ND	1.96	97.8	2.00	2.74	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	1.99	99.3	2.00	5.31	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	5.85	97.5	6.00	5.42	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	02/13/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	203	101	200	4.40	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	190	95.1	200	9.35	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *69.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *59.9 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 239 (1.5') (H240661-48)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.01	101	2.00	3.56	
Toluene*	<0.050	0.050	02/13/2024	ND	1.96	97.8	2.00	2.74	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	1.99	99.3	2.00	5.31	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	5.85	97.5	6.00	5.42	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	02/13/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	203	101	200	4.40	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	190	95.1	200	9.35	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *72.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *60.6 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 240 (1.5') (H240661-49)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.01	101	2.00	3.56	
Toluene*	<0.050	0.050	02/13/2024	ND	1.96	97.8	2.00	2.74	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	1.99	99.3	2.00	5.31	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	5.85	97.5	6.00	5.42	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.6 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	02/13/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	203	101	200	4.40	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	190	95.1	200	9.35	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *75.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *61.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 241 (1.5') (H240661-50)

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	02/13/2024	ND	2.01	101	2.00	3.56	
Toluene*	<0.050	0.050	02/13/2024	ND	1.96	97.8	2.00	2.74	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	1.99	99.3	2.00	5.31	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	5.85	97.5	6.00	5.42	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	02/13/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	203	101	200	4.40	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	190	95.1	200	9.35	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *72.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *59.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 242 (1.5') (H240661-51)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.01	101	2.00	3.56	
Toluene*	<0.050	0.050	02/13/2024	ND	1.96	97.8	2.00	2.74	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	1.99	99.3	2.00	5.31	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	5.85	97.5	6.00	5.42	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.5 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	02/13/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	203	101	200	4.40	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	190	95.1	200	9.35	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *70.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *57.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 243 (1.5') (H240661-52)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.01	101	2.00	3.56	
Toluene*	<0.050	0.050	02/13/2024	ND	1.96	97.8	2.00	2.74	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	1.99	99.3	2.00	5.31	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	5.85	97.5	6.00	5.42	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	02/13/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	203	101	200	4.40	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	190	95.1	200	9.35	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *72.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *58.4 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 244 (1.5') (H240661-53)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.01	101	2.00	3.56	
Toluene*	<0.050	0.050	02/13/2024	ND	1.96	97.8	2.00	2.74	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	1.99	99.3	2.00	5.31	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	5.85	97.5	6.00	5.42	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	02/13/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	203	101	200	4.40	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	190	95.1	200	9.35	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *67.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *56.1 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 245 (1.5') (H240661-54)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.01	101	2.00	3.56	
Toluene*	<0.050	0.050	02/13/2024	ND	1.96	97.8	2.00	2.74	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	1.99	99.3	2.00	5.31	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	5.85	97.5	6.00	5.42	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	02/13/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	203	101	200	4.40	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	190	95.1	200	9.35	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *70.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *56.9 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 246 (1.5') (H240661-55)

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	02/13/2024	ND	2.01	101	2.00	3.56	
Toluene*	<0.050	0.050	02/13/2024	ND	1.96	97.8	2.00	2.74	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	1.99	99.3	2.00	5.31	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	5.85	97.5	6.00	5.42	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.9 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	02/13/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	203	101	200	4.40	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	190	95.1	200	9.35	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *72.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *56.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 247 (1.5') (H240661-56)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.01	101	2.00	3.56	
Toluene*	<0.050	0.050	02/13/2024	ND	1.96	97.8	2.00	2.74	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	1.99	99.3	2.00	5.31	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	5.85	97.5	6.00	5.42	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.1 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	02/13/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	203	101	200	4.40	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	190	95.1	200	9.35	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *67.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *54.0 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 248 (1.5') (H240661-57)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.01	101	2.00	3.56	
Toluene*	<0.050	0.050	02/13/2024	ND	1.96	97.8	2.00	2.74	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	1.99	99.3	2.00	5.31	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	5.85	97.5	6.00	5.42	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	02/13/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	203	101	200	4.40	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	190	95.1	200	9.35	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *67.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *53.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 249 (1.5') (H240661-58)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.01	101	2.00	3.56	
Toluene*	<0.050	0.050	02/13/2024	ND	1.96	97.8	2.00	2.74	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	1.99	99.3	2.00	5.31	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	5.85	97.5	6.00	5.42	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	02/13/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	203	101	200	4.40	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	190	95.1	200	9.35	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *69.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *55.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 250 (1.5') (H240661-59)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.01	101	2.00	3.56	
Toluene*	<0.050	0.050	02/13/2024	ND	1.96	97.8	2.00	2.74	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	1.99	99.3	2.00	5.31	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	5.85	97.5	6.00	5.42	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	02/13/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	203	101	200	4.40	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	190	95.1	200	9.35	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *69.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *56.2 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 251 (1.5') (H240661-60)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.01	101	2.00	3.56	
Toluene*	<0.050	0.050	02/13/2024	ND	1.96	97.8	2.00	2.74	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	1.99	99.3	2.00	5.31	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	5.85	97.5	6.00	5.42	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *96.3 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	02/13/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	203	101	200	4.40	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	190	95.1	200	9.35	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *72.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *59.1 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 252 (1.5') (H240661-61)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.10	105	2.00	1.96	
Toluene*	<0.050	0.050	02/13/2024	ND	2.09	104	2.00	2.02	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	2.06	103	2.00	2.39	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	6.01	100	6.00	2.43	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.6 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	02/13/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	203	101	200	4.40	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	190	95.1	200	9.35	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *67.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *54.2 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 253 (1.5') (H240661-62)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.10	105	2.00	1.96	
Toluene*	<0.050	0.050	02/13/2024	ND	2.09	104	2.00	2.02	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	2.06	103	2.00	2.39	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	6.01	100	6.00	2.43	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.9 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	02/13/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	203	101	200	4.40	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	190	95.1	200	9.35	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *70.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *55.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 254 (1.5') (H240661-63)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.10	105	2.00	1.96	
Toluene*	<0.050	0.050	02/13/2024	ND	2.09	104	2.00	2.02	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	2.06	103	2.00	2.39	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	6.01	100	6.00	2.43	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	02/13/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	203	101	200	4.40	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	190	95.1	200	9.35	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *69.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *55.1 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 49 (1.5') (H240661-64)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.10	105	2.00	1.96	
Toluene*	<0.050	0.050	02/13/2024	ND	2.09	104	2.00	2.02	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	2.06	103	2.00	2.39	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	6.01	100	6.00	2.43	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.6 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	02/13/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	203	101	200	4.40	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	190	95.1	200	9.35	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *70.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *56.0 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 50 (1.5') (H240661-65)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.10	105	2.00	1.96	
Toluene*	<0.050	0.050	02/13/2024	ND	2.09	104	2.00	2.02	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	2.06	103	2.00	2.39	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	6.01	100	6.00	2.43	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.0 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	02/13/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	203	101	200	4.40	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	190	95.1	200	9.35	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *73.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *58.6 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 51 (1.5') (H240661-66)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.10	105	2.00	1.96	
Toluene*	<0.050	0.050	02/13/2024	ND	2.09	104	2.00	2.02	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	2.06	103	2.00	2.39	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	6.01	100	6.00	2.43	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	02/13/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	199	99.5	200	2.95	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	200	100	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *74.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *78.6 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 52 (1.5') (H240661-67)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.10	105	2.00	1.96	
Toluene*	<0.050	0.050	02/13/2024	ND	2.09	104	2.00	2.02	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	2.06	103	2.00	2.39	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	6.01	100	6.00	2.43	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.9 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	02/13/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	199	99.5	200	2.95	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	200	100	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *63.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *69.9 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/13/2024	Sampling Date:	02/12/2024
Reported:	02/15/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 53 (1.5') (H240661-68)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2024	ND	2.10	105	2.00	1.96	
Toluene*	<0.050	0.050	02/13/2024	ND	2.09	104	2.00	2.02	
Ethylbenzene*	<0.050	0.050	02/13/2024	ND	2.06	103	2.00	2.39	
Total Xylenes*	<0.150	0.150	02/13/2024	ND	6.01	100	6.00	2.43	
Total BTEX	<0.300	0.300	02/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.7 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	02/13/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2024	ND	199	99.5	200	2.95	
DRO >C10-C28*	<10.0	10.0	02/13/2024	ND	200	100	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	02/13/2024	ND					

Surrogate: 1-Chlorooctane *77.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *83.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

Page 664 of 758

Page 71 of 77

Chain of Custody

Work Order No: H240661

Page 1 of 7

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	Todd_Wells@eogresources.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ rownfields ☐ RC ☐ perfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lacey Swiss 1 Fed Com 707H	Turn Around	
Project Number:	1219	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72-hour
Sampler's Name:	FV		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	Yes (No)
Received Intact:	(Yes) No	Thermometer ID:	140
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	0
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	2.1 c
Total Containers:		Corrected Temperature:	2.1 c

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

	Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
1	CS-192 (1.5')	2/12/2024		X		Comp	1		X	X	X	
2	CS-193 (1.5')	2/12/2024		X		Comp	1		X	X	X	
3	CS-194 (1.5')	2/12/2024		X		Comp	1		X	X	X	
4	CS-195 (1.5')	2/12/2024		X		Comp	1		X	X	X	
5	CS-196 (1.5')	2/12/2024		X		Comp	1		X	X	X	
6	CS-197 (1.5')	2/12/2024		X		Comp	1		X	X	X	
7	CS-198 (1.5')	2/12/2024		X		Comp	1		X	X	X	
8	CS-199 (1.5')	2/12/2024		X		Comp	1		X	X	X	
9	CS-200 (1.5')	2/12/2024		X		Comp	1		X	X	X	
10	CS-201 (1.5')	2/12/2024		X		Comp	1		X	X	X	

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Fabian Vargas	2-13-24 0805	Stefani Hildebrand	

Received by OCD: 7/24/2024 3:36:41 PM

Released to Imaging: 7/30/2024 11:50:05 AM

Page 665 of 758

Page 72 of 77

Chain of Custody

Work Order No: H240661

Page 2 of 7

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	Todd_Wells@eogresources.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lacey Swiss 1 Fed Com 707H	Turn Around	☐ Routine ☑ Rush
Project Number:	1219	Due Date:	72-hour
Project Location	Lea County, New Mexico		
Sampler's Name:	FV		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	Yes (No)
Received Intact:	(Yes) No	Thermometer ID:	140
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	—
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	2.1 c
Total Containers:		Corrected Temperature:	—

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
11 CS-202 (1.5')	2/12/2024		X		Comp	1	X	X	X	
12 CS-203 (1.5')	2/12/2024		X		Comp	1	X	X	X	
13 CS-204 (1.5')	2/12/2024		X		Comp	1	X	X	X	
14 CS-205 (1.5')	2/12/2024		X		Comp	1	X	X	X	
15 CS-206 (1.5')	2/12/2024		X		Comp	1	X	X	X	
16 CS-207 (1.5')	2/12/2024		X		Comp	1	X	X	X	
17 CS-208 (1.5')	2/12/2024		X		Comp	1	X	X	X	
18 CS-209 (1.5')	2/12/2024		X		Comp	1	X	X	X	
19 CS-210 (1.5')	2/12/2024		X		Comp	1	X	X	X	
20 CS-211 (1.5')	2/12/2024		X		Comp	1	X	X	X	

Preservative Codes

None: NO — DI Water: H_2O

Cool: Cool — MeOH: Me

HCL: HC — HNO_3: HN

H_2S0_4: H_2 — NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Fabian Vargas	2-13-24 0805	[signature]	

Received by OCD: 7/24/2024 3:36:41 PM

Released to Imaging: 7/30/2024 11:50:05 AM

Page 666 of 758

Page 73 of 77

Chain of Custody

Work Order No: H240661

Page 3 of 7

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	Todd_Wells@eogresources.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ rownfields ☐ RC ☐ perfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lacey Swiss 1 Fed Com 707H	Turn Around	☐ Routine ☑ Rush
Project Number:	1219	Due Date:	72-hour
Project Location	Lea County, New Mexico		
Sampler's Name:	FV		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	Yes (No)
Received Intact:	(Yes) No	Thermometer ID:	140
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	2.1°
Total Containers:		Corrected Temperature:	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

	Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
21	CS-212 (1.5')	2/12/2024		X		Comp	1		X	X	X	
22	CS-213 (1.5')	2/12/2024		X		Comp	1		X	X	X	
23	CS-214 (1.5')	2/12/2024		X		Comp	1		X	X	X	
24	CS-215 (1.5')	2/12/2024		X		Comp	1		X	X	X	
25	CS-216 (1.5')	2/12/2024		X		Comp	1		X	X	X	
26	CS-217 (1.5')	2/12/2024		X		Comp	1		X	X	X	
27	CS-218 (1.5')	2/12/2024		X		Comp	1		X	X	X	
28	CS-219 (1.5')	2/12/2024		X		Comp	1		X	X	X	
29	CS-220 (1.5')	2/12/2024		X		Comp	1		X	X	X	
30	CS-221 (1.5')	2/12/2024		X		Comp	1		X	X	X	

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Fabian Vargas	2-13-24 0805		

Received by OCD: 7/24/2024 3:36:41 PM

Released to Imaging: 7/30/2024 11:50:05 AM

Page 667 of 758

Chain of Custody

Work Order No: H340661

Page 4 of 7

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	Todd_Wells@eogresources.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lacey Swiss 1 Fed Com 707H	Turn Around	
Project Number:	1219	☐ Routine ☑ Rush	
Project Location	Lea County, New Mexico	Due Date:	72-hour
Sampler's Name:	FV		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:	140	
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:	2.1°C	
Total Containers:		Corrected Temperature:		

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
CS-222 (1.5')	2/12/2024		X		Comp	1	X	X	X	
CS-223 (1.5')	2/12/2024		X		Comp	1	X	X	X	
CS-224 (1.5')	2/12/2024		X		Comp	1	X	X	X	
CS-225 (1.5')	2/12/2024		X		Comp	1	X	X	X	
CS-226 (1.5')	2/12/2024		X		Comp	1	X	X	X	
CS-227 (1.5')	2/12/2024		X		Comp	1	X	X	X	
CS-228 (1.5')	2/12/2024		X		Comp	1	X	X	X	
CS-229 (1.5')	2/12/2024		X		Comp	1	X	X	X	
CS-230 (1.5')	2/12/2024		X		Comp	1	X	X	X	
CS-231 (1.5')	2/12/2024		X		Comp	1	X	X	X	

31 32 33 34 35 36 37 38 39 40

Preservative Codes

None: NO — DI Water: H_2O

Cool: Cool — MeOH: Me

HCL: HC — HNO_3: HN

H_2S0_4: H_2 — NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Fabian Vargas	2-13-24 0805	Samara Hilla Kyle	

Received by OCD: 7/24/2024 3:36:41 PM

Released to Imaging: 7/30/2024 11:50:05 AM

Page 668 of 758

Page 75 of 77

Chain of Custody

Work Order No: H240661

Page 5 of 7

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	Todd_Wells@eogresources.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lacey Swiss 1 Fed Com 707H	Turn Around	
Project Number:	1219	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72-hour
Sampler's Name:	FV		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	Yes (No)	
Received Intact:	(Yes) No	Thermometer ID:	140	
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	—	
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	2.1 c	
Total Containers:		Corrected Temperature:	—	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

	Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
41	CS-232 (1.5')	2/12/2024		X		Comp	1		X	X	X	
42	CS-233 (1.5')	2/12/2024		X		Comp	1		X	X	X	
43	CS-234 (1.5')	2/12/2024		X		Comp	1		X	X	X	
44	CS-235 (1.5')	2/12/2024		X		Comp	1		X	X	X	
45	CS-236 (1.5')	2/12/2024		X		Comp	1		X	X	X	
46	CS-237 (1.5')	2/12/2024		X		Comp	1		X	X	X	
47	CS-238 (1.5')	2/12/2024		X		Comp	1		X	X	X	
48	CS-239 (1.5')	2/12/2024		X		Comp	1		X	X	X	
49	CS-240 (1.5')	2/12/2024		X		Comp	1		X	X	X	
50	CS-241 (1.5')	2/12/2024		X		Comp	1		X	X	X	

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Fabian Vargas	2-13-24 0805		

Received by OCD: 7/24/2024 3:36:41 PM

Released to Imaging: 7/30/2024 11:50:05 AM

Page 669 of 758

Chain of Custody

Work Order No: H240661

Page 6 of 7

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	Todd_Wells@eogresources.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ rownfields ☐ RC ☐ perfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lacey Swiss 1 Fed Com 707H	Turn Around	
Project Number:	1219	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72-hour
Sampler's Name:	FV		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	140
Cooler Custody Seals:	Yes No N/A	Correction Factor:	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	2.1°C
Total Containers:		Corrected Temperature:	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

	Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
51	CS-242 (1.5')	2/12/2024		X		Comp	1		X	X	X	
52	CS-243 (1.5')	2/12/2024		X		Comp	1		X	X	X	
53	CS-244 (1.5')	2/12/2024		X		Comp	1		X	X	X	
54	CS-245 (1.5')	2/12/2024		X		Comp	1		X	X	X	
55	CS-246 (1.5')	2/12/2024		X		Comp	1		X	X	X	
56	CS-247 (1.5')	2/12/2024		X		Comp	1		X	X	X	
57	CS-248 (1.5')	2/12/2024		X		Comp	1		X	X	X	
58	CS-249 (1.5')	2/12/2024		X		Comp	1		X	X	X	
59	CS-250 (1.5')	2/12/2024		X		Comp	1		X	X	X	
60	CS-251 (1.5')	2/12/2024		X		Comp	1		X	X	X	

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Fabian Vargas	2-13-24 0805	Tamara Hadlock	

Received by OCD: 7/24/2024 3:36:41 PM

Released to Imaging: 7/30/2024 11:50:05 AM

Page 670 of 758

Chain of Custody

Work Order No: H240661

Page 7 of 7

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	Todd_Wells@eogresources.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lacey Swiss 1 Fed Com 707H	Turn Around	
Project Number:	1219	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72-hour
Sampler's Name:	FV		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:	140	
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:	2.1°C	
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
CS-252 (1.5')	2/12/2024		X		Comp	1		X	X	X	
CS-253 (1.5')	2/12/2024		X		Comp	1		X	X	X	
CS-254 (1.5')	2/12/2024		X		Comp	1		X	X	X	
SW-49 (1.5')	2/12/2024		X		Comp	1		X	X	X	
SW-50 (1.5')	2/12/2024		X		Comp	1		X	X	X	
SW-51 (1.5')	2/12/2024		X		Comp	1		X	X	X	
SW-52 (1.5')	2/12/2024		X		Comp	1		X	X	X	
SW-53 (1.5')	2/12/2024		X		Comp	1		X	X	X	

61 62 63 64 65 66 67 68

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Fabian Vargas	2-13-24 0805		

Received by OCD: 7/24/2024 3:36:41 PM

Released to Imaging: 7/30/2024 11:50:05 AM

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

February 20, 2024

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: LACEY SWISS 1 FED COM 707H

Enclosed are the results of analyses for samples received by the laboratory on 02/15/24 8:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 255 (1.5') (H240715-01)

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	02/15/2024	ND	2.18	109	2.00	3.74	
Toluene*	<0.050	0.050	02/15/2024	ND	2.10	105	2.00	1.09	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.14	107	2.00	2.12	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.31	105	6.00	2.52	
Total BTEX	<0.300	0.300	02/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	02/16/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	221	111	200	1.45	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	212	106	200	0.0638	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					

Surrogate: 1-Chlorooctane *88.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *97.2 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 256 (1.5') (H240715-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.18	109	2.00	3.74	
Toluene*	<0.050	0.050	02/15/2024	ND	2.10	105	2.00	1.09	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.14	107	2.00	2.12	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.31	105	6.00	2.52	
Total BTEX	<0.300	0.300	02/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *96.1 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	02/16/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	221	111	200	1.45	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	212	106	200	0.0638	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					

Surrogate: 1-Chlorooctane *99.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *110 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 257 (1.5') (H240715-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.18	109	2.00	3.74	
Toluene*	<0.050	0.050	02/15/2024	ND	2.10	105	2.00	1.09	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.14	107	2.00	2.12	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.31	105	6.00	2.52	
Total BTEX	<0.300	0.300	02/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	02/16/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	221	111	200	1.45	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	212	106	200	0.0638	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					

Surrogate: 1-Chlorooctane *82.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *93.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 258 (1.5') (H240715-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.18	109	2.00	3.74	
Toluene*	<0.050	0.050	02/15/2024	ND	2.10	105	2.00	1.09	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.14	107	2.00	2.12	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.31	105	6.00	2.52	
Total BTEX	<0.300	0.300	02/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**416**	16.0	02/16/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	221	111	200	1.45	
DRO >C10-C28*	**45.8**	10.0	02/15/2024	ND	212	106	200	0.0638	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					

Surrogate: 1-Chlorooctane *73.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *82.0 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 259 (1.5') (H240715-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.18	109	2.00	3.74	
Toluene*	<0.050	0.050	02/15/2024	ND	2.10	105	2.00	1.09	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.14	107	2.00	2.12	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.31	105	6.00	2.52	
Total BTEX	<0.300	0.300	02/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	02/16/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	221	111	200	1.45	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	212	106	200	0.0638	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					

Surrogate: 1-Chlorooctane *82.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *94.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 260 (1.5') (H240715-06)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.18	109	2.00	3.74	
Toluene*	<0.050	0.050	02/15/2024	ND	2.10	105	2.00	1.09	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.14	107	2.00	2.12	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.31	105	6.00	2.52	
Total BTEX	<0.300	0.300	02/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	02/16/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	221	111	200	1.45	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	212	106	200	0.0638	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					

Surrogate: 1-Chlorooctane *79.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *89.9 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 261 (1.5') (H240715-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.18	109	2.00	3.74	
Toluene*	<0.050	0.050	02/15/2024	ND	2.10	105	2.00	1.09	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.14	107	2.00	2.12	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.31	105	6.00	2.52	
Total BTEX	<0.300	0.300	02/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	02/16/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	221	111	200	1.45	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	212	106	200	0.0638	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					

Surrogate: 1-Chlorooctane *84.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.1 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 262 (1.5') (H240715-08)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.18	109	2.00	3.74	
Toluene*	<0.050	0.050	02/16/2024	ND	2.10	105	2.00	1.09	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.14	107	2.00	2.12	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.31	105	6.00	2.52	
Total BTEX	<0.300	0.300	02/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	02/16/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	221	111	200	1.45	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	212	106	200	0.0638	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					

Surrogate: 1-Chlorooctane *87.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *99.2 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 263 (1.5') (H240715-09)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.18	109	2.00	3.74	
Toluene*	<0.050	0.050	02/16/2024	ND	2.10	105	2.00	1.09	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.14	107	2.00	2.12	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.31	105	6.00	2.52	
Total BTEX	<0.300	0.300	02/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *91.9 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	02/16/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	221	111	200	1.45	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	212	106	200	0.0638	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					

Surrogate: 1-Chlorooctane *86.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *98.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 264 (1.5') (H240715-10)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.18	109	2.00	3.74	
Toluene*	<0.050	0.050	02/16/2024	ND	2.10	105	2.00	1.09	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.14	107	2.00	2.12	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.31	105	6.00	2.52	
Total BTEX	<0.300	0.300	02/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	02/16/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	221	111	200	1.45	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	212	106	200	0.0638	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					

Surrogate: 1-Chlorooctane *88.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *103 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 265 (1.5') (H240715-11)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.01	100	2.00	1.06	
Toluene*	<0.050	0.050	02/15/2024	ND	2.10	105	2.00	2.23	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.08	104	2.00	2.28	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.30	105	6.00	2.16	
Total BTEX	<0.300	0.300	02/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *116 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	02/16/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	196	98.0	200	3.01	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	199	99.3	200	6.73	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					

Surrogate: 1-Chlorooctane *81.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *92.4 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 266 (1.5') (H240715-12)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.01	100	2.00	1.06	
Toluene*	<0.050	0.050	02/15/2024	ND	2.10	105	2.00	2.23	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.08	104	2.00	2.28	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.30	105	6.00	2.16	
Total BTEX	<0.300	0.300	02/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	02/16/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	196	98.0	200	3.01	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	199	99.3	200	6.73	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					

Surrogate: 1-Chlorooctane *84.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *93.0 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 267 (1.5') (H240715-13)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.01	100	2.00	1.06	
Toluene*	<0.050	0.050	02/15/2024	ND	2.10	105	2.00	2.23	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.08	104	2.00	2.28	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.30	105	6.00	2.16	
Total BTEX	<0.300	0.300	02/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**400**	16.0	02/16/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	196	98.0	200	3.01	
DRO >C10-C28*	**45.2**	10.0	02/15/2024	ND	199	99.3	200	6.73	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					

Surrogate: 1-Chlorooctane *74.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *85.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 268 (1.5') (H240715-14)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2024	ND	2.01	100	2.00	1.06	
Toluene*	<0.050	0.050	02/15/2024	ND	2.10	105	2.00	2.23	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.08	104	2.00	2.28	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.30	105	6.00	2.16	
Total BTEX	<0.300	0.300	02/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**320**	16.0	02/16/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	196	98.0	200	3.01	
DRO >C10-C28*	**58.9**	10.0	02/15/2024	ND	199	99.3	200	6.73	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					

Surrogate: 1-Chlorooctane *71.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *80.9 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 269 (1.5') (H240715-15)

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	02/15/2024	ND	2.01	100	2.00	1.06	
Toluene*	<0.050	0.050	02/15/2024	ND	2.10	105	2.00	2.23	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.08	104	2.00	2.28	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.30	105	6.00	2.16	
Total BTEX	<0.300	0.300	02/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	02/16/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	196	98.0	200	3.01	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	199	99.3	200	6.73	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					

Surrogate: 1-Chlorooctane *80.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *89.0 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 270 (1.5') (H240715-16)

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	02/15/2024	ND	2.01	100	2.00	1.06	
Toluene*	<0.050	0.050	02/15/2024	ND	2.10	105	2.00	2.23	
Ethylbenzene*	<0.050	0.050	02/15/2024	ND	2.08	104	2.00	2.28	
Total Xylenes*	<0.150	0.150	02/15/2024	ND	6.30	105	6.00	2.16	
Total BTEX	<0.300	0.300	02/15/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	02/16/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	196	98.0	200	3.01	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	199	99.3	200	6.73	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					

Surrogate: 1-Chlorooctane *87.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.9 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 271 (1.5') (H240715-17)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.01	100	2.00	1.06	
Toluene*	<0.050	0.050	02/16/2024	ND	2.10	105	2.00	2.23	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.08	104	2.00	2.28	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.30	105	6.00	2.16	
Total BTEX	<0.300	0.300	02/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/16/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	196	98.0	200	3.01	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	199	99.3	200	6.73	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					

Surrogate: 1-Chlorooctane *89.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *99.1 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 272 (1.5') (H240715-18)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.01	100	2.00	1.06	
Toluene*	<0.050	0.050	02/16/2024	ND	2.10	105	2.00	2.23	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.08	104	2.00	2.28	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.30	105	6.00	2.16	
Total BTEX	<0.300	0.300	02/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	02/16/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	196	98.0	200	3.01	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	199	99.3	200	6.73	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					

Surrogate: 1-Chlorooctane *85.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 273 (1.5') (H240715-19)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.01	100	2.00	1.06	
Toluene*	<0.050	0.050	02/16/2024	ND	2.10	105	2.00	2.23	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.08	104	2.00	2.28	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.30	105	6.00	2.16	
Total BTEX	<0.300	0.300	02/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	02/16/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	196	98.0	200	3.01	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	199	99.3	200	6.73	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					

Surrogate: 1-Chlorooctane *86.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.4 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 274 (1.5') (H240715-20)

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	02/16/2024	ND	2.01	100	2.00	1.06	
Toluene*	<0.050	0.050	02/16/2024	ND	2.10	105	2.00	2.23	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.08	104	2.00	2.28	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.30	105	6.00	2.16	
Total BTEX	<0.300	0.300	02/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *118 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	02/16/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	196	98.0	200	3.01	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	199	99.3	200	6.73	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					

Surrogate: 1-Chlorooctane *83.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *89.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 275 (1.5') (H240715-21)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.01	100	2.00	1.06	
Toluene*	<0.050	0.050	02/16/2024	ND	2.10	105	2.00	2.23	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.08	104	2.00	2.28	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.30	105	6.00	2.16	
Total BTEX	<0.300	0.300	02/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	02/16/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	196	98.0	200	3.01	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	199	99.3	200	6.73	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					

Surrogate: 1-Chlorooctane *83.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *92.4 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 276 (1.5') (H240715-22)

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	02/16/2024	ND	2.01	100	2.00	1.06	
Toluene*	<0.050	0.050	02/16/2024	ND	2.10	105	2.00	2.23	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.08	104	2.00	2.28	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.30	105	6.00	2.16	
Total BTEX	<0.300	0.300	02/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/16/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	196	98.0	200	3.01	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	199	99.3	200	6.73	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					

Surrogate: 1-Chlorooctane *83.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *90.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 277 (1.5') (H240715-23)

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	02/16/2024	ND	2.01	100	2.00	1.06	
Toluene*	<0.050	0.050	02/16/2024	ND	2.10	105	2.00	2.23	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.08	104	2.00	2.28	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.30	105	6.00	2.16	
Total BTEX	<0.300	0.300	02/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/16/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	196	98.0	200	3.01	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	199	99.3	200	6.73	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					

Surrogate: 1-Chlorooctane *88.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 278 (1.5') (H240715-24)

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	02/16/2024	ND	2.01	100	2.00	1.06	
Toluene*	<0.050	0.050	02/16/2024	ND	2.10	105	2.00	2.23	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.08	104	2.00	2.28	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.30	105	6.00	2.16	
Total BTEX	<0.300	0.300	02/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/16/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	196	98.0	200	3.01	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	199	99.3	200	6.73	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					

Surrogate: 1-Chlorooctane *88.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.4 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 279 (1.5') (H240715-25)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.01	100	2.00	1.06	
Toluene*	<0.050	0.050	02/16/2024	ND	2.10	105	2.00	2.23	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.08	104	2.00	2.28	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.30	105	6.00	2.16	
Total BTEX	<0.300	0.300	02/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/16/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	196	98.0	200	3.01	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	199	99.3	200	6.73	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					

Surrogate: 1-Chlorooctane *90.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *101 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 280 (1.5') (H240715-26)

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	02/16/2024	ND	2.01	100	2.00	1.06	
Toluene*	<0.050	0.050	02/16/2024	ND	2.10	105	2.00	2.23	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.08	104	2.00	2.28	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.30	105	6.00	2.16	
Total BTEX	<0.300	0.300	02/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *117 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/16/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	196	98.0	200	3.01	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	199	99.3	200	6.73	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					

Surrogate: 1-Chlorooctane *85.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.1 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 281 (4.25') (H240715-27)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.01	100	2.00	1.06	
Toluene*	<0.050	0.050	02/16/2024	ND	2.10	105	2.00	2.23	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.08	104	2.00	2.28	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.30	105	6.00	2.16	
Total BTEX	<0.300	0.300	02/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *116 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**464**	16.0	02/16/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	196	98.0	200	3.01	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	199	99.3	200	6.73	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					

Surrogate: 1-Chlorooctane *72.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *79.3 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 282 (4.25') (H240715-28)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.01	100	2.00	1.06	
Toluene*	<0.050	0.050	02/16/2024	ND	2.10	105	2.00	2.23	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.08	104	2.00	2.28	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.30	105	6.00	2.16	
Total BTEX	<0.300	0.300	02/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**448**	16.0	02/16/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	196	98.0	200	3.01	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	199	99.3	200	6.73	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					

Surrogate: 1-Chlorooctane *81.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *86.6 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 283 (4.25') (H240715-29)

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	02/16/2024	ND	2.01	100	2.00	1.06	
Toluene*	<0.050	0.050	02/16/2024	ND	2.10	105	2.00	2.23	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.08	104	2.00	2.28	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.30	105	6.00	2.16	
Total BTEX	<0.300	0.300	02/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**416**	16.0	02/16/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	196	98.0	200	3.01	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	199	99.3	200	6.73	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					

Surrogate: 1-Chlorooctane *76.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *82.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 284 (4.25') (H240715-30)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.01	100	2.00	1.06	
Toluene*	<0.050	0.050	02/16/2024	ND	2.10	105	2.00	2.23	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.08	104	2.00	2.28	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.30	105	6.00	2.16	
Total BTEX	<0.300	0.300	02/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**416**	16.0	02/16/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	196	98.0	200	3.01	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	199	99.3	200	6.73	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					

Surrogate: 1-Chlorooctane *80.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *85.9 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 285 (4.25') (H240715-31)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.23	111	2.00	5.80	
Toluene*	<0.050	0.050	02/16/2024	ND	2.22	111	2.00	5.56	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.19	110	2.00	5.03	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.41	107	6.00	5.32	
Total BTEX	<0.300	0.300	02/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.0 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**448**	16.0	02/16/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	197	98.6	200	1.82	
DRO >C10-C28*	**35.6**	10.0	02/15/2024	ND	195	97.5	200	5.66	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					

Surrogate: 1-Chlorooctane *75.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *74.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 286 (4.25') (H240715-32)

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	02/16/2024	ND	2.23	111	2.00	5.80	
Toluene*	<0.050	0.050	02/16/2024	ND	2.22	111	2.00	5.56	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.19	110	2.00	5.03	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.41	107	6.00	5.32	
Total BTEX	<0.300	0.300	02/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.7 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**480**	16.0	02/16/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	197	98.6	200	1.82	
DRO >C10-C28*	**39.0**	10.0	02/15/2024	ND	195	97.5	200	5.66	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					

Surrogate: 1-Chlorooctane *76.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *75.3 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 287 (4.25') (H240715-33)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.23	111	2.00	5.80	
Toluene*	<0.050	0.050	02/16/2024	ND	2.22	111	2.00	5.56	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.19	110	2.00	5.03	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.41	107	6.00	5.32	
Total BTEX	<0.300	0.300	02/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.6 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**448**	16.0	02/16/2024	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	02/15/2024	ND	228	114	200	3.73	
DRO >C10-C28*	**38.9**	10.0	02/15/2024	ND	220	110	200	3.42	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					

Surrogate: 1-Chlorooctane *66.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *74.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 288 (1.5') (H240715-34)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.23	111	2.00	5.80	
Toluene*	<0.050	0.050	02/16/2024	ND	2.22	111	2.00	5.56	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.19	110	2.00	5.03	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.41	107	6.00	5.32	
Total BTEX	<0.300	0.300	02/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.7 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**352**	16.0	02/16/2024	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	02/15/2024	ND	228	114	200	3.73	
DRO >C10-C28*	**42.8**	10.0	02/15/2024	ND	220	110	200	3.42	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					

Surrogate: 1-Chlorooctane *72.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *81.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 289 (1.5') (H240715-35)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.23	111	2.00	5.80	
Toluene*	<0.050	0.050	02/16/2024	ND	2.22	111	2.00	5.56	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.19	110	2.00	5.03	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.41	107	6.00	5.32	
Total BTEX	<0.300	0.300	02/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.3 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**384**	16.0	02/16/2024	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	02/15/2024	ND	228	114	200	3.73	
DRO >C10-C28*	**13.9**	10.0	02/15/2024	ND	220	110	200	3.42	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					

Surrogate: 1-Chlorooctane *71.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *79.3 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 290 (1.5') (H240715-36)

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	02/16/2024	ND	2.23	111	2.00	5.80	
Toluene*	<0.050	0.050	02/16/2024	ND	2.22	111	2.00	5.56	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.19	110	2.00	5.03	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.41	107	6.00	5.32	
Total BTEX	<0.300	0.300	02/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.6 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**176**	16.0	02/16/2024	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	02/15/2024	ND	228	114	200	3.73	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	220	110	200	3.42	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					

Surrogate: 1-Chlorooctane *80.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *91.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 291 (1.5') (H240715-37)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.23	111	2.00	5.80	
Toluene*	<0.050	0.050	02/16/2024	ND	2.22	111	2.00	5.56	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.19	110	2.00	5.03	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.41	107	6.00	5.32	
Total BTEX	<0.300	0.300	02/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	02/16/2024	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	02/16/2024	ND	228	114	200	3.73	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	220	110	200	3.42	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					

Surrogate: 1-Chlorooctane *76.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *85.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 292 (1.5') (H240715-38)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.23	111	2.00	5.80	
Toluene*	<0.050	0.050	02/16/2024	ND	2.22	111	2.00	5.56	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.19	110	2.00	5.03	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.41	107	6.00	5.32	
Total BTEX	<0.300	0.300	02/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**176**	16.0	02/16/2024	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	02/16/2024	ND	228	114	200	3.73	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	220	110	200	3.42	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					

Surrogate: 1-Chlorooctane *91.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *98.8 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 293 (1.5') (H240715-39)

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	02/16/2024	ND	2.23	111	2.00	5.80	
Toluene*	<0.050	0.050	02/16/2024	ND	2.22	111	2.00	5.56	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.19	110	2.00	5.03	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.41	107	6.00	5.32	
Total BTEX	<0.300	0.300	02/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.9 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**176**	16.0	02/16/2024	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	02/16/2024	ND	228	114	200	3.73	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	220	110	200	3.42	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					

Surrogate: 1-Chlorooctane *89.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *94.1 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 294 (1.5') (H240715-40)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.23	111	2.00	5.80	
Toluene*	<0.050	0.050	02/16/2024	ND	2.22	111	2.00	5.56	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.19	110	2.00	5.03	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.41	107	6.00	5.32	
Total BTEX	<0.300	0.300	02/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	02/16/2024	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	02/16/2024	ND	228	114	200	3.73	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	220	110	200	3.42	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					

Surrogate: 1-Chlorooctane *84.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *90.2 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 54 (1.5') (H240715-41)

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	02/16/2024	ND	2.23	111	2.00	5.80	
Toluene*	<0.050	0.050	02/16/2024	ND	2.22	111	2.00	5.56	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.19	110	2.00	5.03	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.41	107	6.00	5.32	
Total BTEX	<0.300	0.300	02/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.5 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/16/2024	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	02/16/2024	ND	228	114	200	3.73	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	220	110	200	3.42	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					

Surrogate: 1-Chlorooctane *101 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *108 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 55 (1.5') (H240715-42)

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	02/16/2024	ND	2.23	111	2.00	5.80	
Toluene*	<0.050	0.050	02/16/2024	ND	2.22	111	2.00	5.56	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.19	110	2.00	5.03	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.41	107	6.00	5.32	
Total BTEX	<0.300	0.300	02/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.5 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	02/16/2024	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	02/16/2024	ND	228	114	200	3.73	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	220	110	200	3.42	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					

Surrogate: 1-Chlorooctane *89.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *93.6 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 56 (1.5') (H240715-43)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.23	111	2.00	5.80	
Toluene*	<0.050	0.050	02/16/2024	ND	2.22	111	2.00	5.56	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.19	110	2.00	5.03	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.41	107	6.00	5.32	
Total BTEX	<0.300	0.300	02/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	02/16/2024	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	02/16/2024	ND	228	114	200	3.73	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	220	110	200	3.42	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					

Surrogate: 1-Chlorooctane *96.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *103 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 57 (1.5') (H240715-44)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.23	111	2.00	5.80	
Toluene*	<0.050	0.050	02/16/2024	ND	2.22	111	2.00	5.56	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.19	110	2.00	5.03	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.41	107	6.00	5.32	
Total BTEX	<0.300	0.300	02/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.2 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**400**	16.0	02/16/2024	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	02/16/2024	ND	228	114	200	3.73	
DRO >C10-C28*	**20.2**	10.0	02/16/2024	ND	220	110	200	3.42	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					

Surrogate: 1-Chlorooctane *92.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *98.2 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 58 (1.5') (H240715-45)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.23	111	2.00	5.80	
Toluene*	<0.050	0.050	02/16/2024	ND	2.22	111	2.00	5.56	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.19	110	2.00	5.03	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.41	107	6.00	5.32	
Total BTEX	<0.300	0.300	02/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.9 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**304**	16.0	02/16/2024	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	02/16/2024	ND	228	114	200	3.73	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	220	110	200	3.42	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					

Surrogate: 1-Chlorooctane *84.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *88.9 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 59 (4.25') (H240715-46)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.23	111	2.00	5.80	
Toluene*	<0.050	0.050	02/16/2024	ND	2.22	111	2.00	5.56	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.19	110	2.00	5.03	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.41	107	6.00	5.32	
Total BTEX	<0.300	0.300	02/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.9 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**432**	16.0	02/16/2024	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	02/16/2024	ND	228	114	200	3.73	
DRO >C10-C28*	**159**	10.0	02/16/2024	ND	220	110	200	3.42	
EXT DRO >C28-C36	**12.1**	10.0	02/16/2024	ND					

Surrogate: 1-Chlorooctane *82.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 60 (2.75') (H240715-47)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.23	111	2.00	5.80	
Toluene*	<0.050	0.050	02/16/2024	ND	2.22	111	2.00	5.56	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.19	110	2.00	5.03	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.41	107	6.00	5.32	
Total BTEX	<0.300	0.300	02/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.6 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**448**	16.0	02/16/2024	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	02/16/2024	ND	228	114	200	3.73	
DRO >C10-C28*	**195**	10.0	02/16/2024	ND	220	110	200	3.42	
EXT DRO >C28-C36	**23.6**	10.0	02/16/2024	ND					

Surrogate: 1-Chlorooctane *94.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *115 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 61 (2.75') (H240715-48)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.23	111	2.00	5.80	
Toluene*	<0.050	0.050	02/16/2024	ND	2.22	111	2.00	5.56	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.19	110	2.00	5.03	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.41	107	6.00	5.32	
Total BTEX	<0.300	0.300	02/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**384**	16.0	02/16/2024	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	02/16/2024	ND	228	114	200	3.73	
DRO >C10-C28*	**135**	10.0	02/16/2024	ND	220	110	200	3.42	
EXT DRO >C28-C36	**14.9**	10.0	02/16/2024	ND					

Surrogate: 1-Chlorooctane *85.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *98.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 62 (4.25') (H240715-49)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.23	111	2.00	5.80	
Toluene*	<0.050	0.050	02/16/2024	ND	2.22	111	2.00	5.56	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.19	110	2.00	5.03	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.41	107	6.00	5.32	
Total BTEX	<0.300	0.300	02/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.9 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**336**	16.0	02/16/2024	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	02/16/2024	ND	228	114	200	3.73	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	220	110	200	3.42	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					

Surrogate: 1-Chlorooctane *85.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *89.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 63 (1.5') (H240715-50)

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	02/16/2024	ND	2.23	111	2.00	5.80	
Toluene*	<0.050	0.050	02/16/2024	ND	2.22	111	2.00	5.56	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.19	110	2.00	5.03	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.41	107	6.00	5.32	
Total BTEX	<0.300	0.300	02/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**272**	16.0	02/16/2024	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	02/16/2024	ND	228	114	200	3.73	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	220	110	200	3.42	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					

Surrogate: 1-Chlorooctane *91.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *98.1 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 64 (1.5') (H240715-51)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.24	112	2.00	7.58	
Toluene*	<0.050	0.050	02/16/2024	ND	2.23	112	2.00	7.46	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.21	110	2.00	7.30	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.64	111	6.00	6.70	
Total BTEX	<0.300	0.300	02/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**288**	16.0	02/16/2024	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	02/15/2024	ND	212	106	200	2.63	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	200	99.9	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					

Surrogate: 1-Chlorooctane *100 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *110 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 65 (1.5') (H240715-52)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.24	112	2.00	7.58	
Toluene*	<0.050	0.050	02/16/2024	ND	2.23	112	2.00	7.46	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.21	110	2.00	7.30	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.64	111	6.00	6.70	
Total BTEX	<0.300	0.300	02/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**256**	16.0	02/16/2024	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	02/15/2024	ND	212	106	200	2.63	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	200	99.9	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					

Surrogate: 1-Chlorooctane *97.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *104 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 66 (1.5') (H240715-53)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.24	112	2.00	7.58	
Toluene*	<0.050	0.050	02/16/2024	ND	2.23	112	2.00	7.46	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.21	110	2.00	7.30	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.64	111	6.00	6.70	
Total BTEX	<0.300	0.300	02/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**256**	16.0	02/16/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/15/2024	ND	212	106	200	2.63	
DRO >C10-C28*	<10.0	10.0	02/15/2024	ND	200	99.9	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	02/15/2024	ND					

Surrogate: 1-Chlorooctane *93.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *103 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 67 (1.5') (H240715-54)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	2.24	112	2.00	7.58	
Toluene*	<0.050	0.050	02/16/2024	ND	2.23	112	2.00	7.46	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.21	110	2.00	7.30	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.64	111	6.00	6.70	
Total BTEX	<0.300	0.300	02/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**288**	16.0	02/16/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	228	114	200	3.73	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	220	110	200	3.42	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					

Surrogate: 1-Chlorooctane *91.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *97.3 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/15/2024	Sampling Date:	02/14/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 68 (1.5') (H240715-55)

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	02/16/2024	ND	2.24	112	2.00	7.58	
Toluene*	<0.050	0.050	02/16/2024	ND	2.23	112	2.00	7.46	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	2.21	110	2.00	7.30	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	6.64	111	6.00	6.70	
Total BTEX	<0.300	0.300	02/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**288**	16.0	02/16/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	228	114	200	3.73	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	220	110	200	3.42	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					

Surrogate: 1-Chlorooctane *95.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *98.9 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

Page 728 of 758

Page 58 of 63

Chain of Custody

Work Order No: H240715

Page 1 of 6

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	Todd_Wells@eogresources.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lacey Swiss 1 Fed Com 707H	Turn Around	Pres. Code
Project Number:	1219	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	FV		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	Yes (No)
Received Intact:	(Yes) No	Thermometer ID:	140
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	—
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	3.4c
Total Containers:		Corrected Temperature:	—

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
CS-255 (1.5')	2/14/2024		X		Comp	1	X	X	X	
CS-256 (1.5')	2/14/2024		X		Comp	1	X	X	X	
CS-257 (1.5')	2/14/2024		X		Comp	1	X	X	X	
CS-258 (1.5')	2/14/2024		X		Comp	1	X	X	X	
CS-259 (1.5')	2/14/2024		X		Comp	1	X	X	X	
CS-260 (1.5')	2/14/2024		X		Comp	1	X	X	X	
CS-261 (1.5')	2/14/2024		X		Comp	1	X	X	X	
CS-262 (1.5')	2/14/2024		X		Comp	1	X	X	X	
CS-263 (1.5')	2/14/2024		X		Comp	1	X	X	X	
CS-264 (1.5')	2/14/2024		X		Comp	1	X	X	X	

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Fatima Vargas	2-15-24 0820		

Received by OCD: 7/24/2024 3:36:41 PM

Released to Imaging: 7/30/2024 11:50:05 AM

Chain of Custody

Work Order No: H240715

Page 2 of 6

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	Todd_Wells@eogresources.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lacey Swiss 1 Fed Com 707H	Turn Around	☑ Routine ☐ Rush
Project Number:	1219	Due Date:	
Project Location	Lea County, New Mexico		
Sampler's Name:	FV		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	140
Cooler Custody Seals:	Yes No N/A	Correction Factor:	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	3.4°c
Total Containers:		Corrected Temperature:	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

	Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
11	CS-265 (1.5')	2/14/2024		X		Comp	1		X	X	X	
12	CS-266 (1.5')	2/14/2024		X		Comp	1		X	X	X	
13	CS-267 (1.5')	2/14/2024		X		Comp	1		X	X	X	
14	CS-268 (1.5')	2/14/2024		X		Comp	1		X	X	X	
15	CS-269 (1.5')	2/14/2024		X		Comp	1		X	X	X	
16	CS-270 (1.5')	2/14/2024		X		Comp	1		X	X	X	
17	CS-271 (1.5')	2/14/2024		X		Comp	1		X	X	X	
18	CS-272 (1.5')	2/14/2024		X		Comp	1		X	X	X	
19	CS-273 (1.5')	2/14/2024		X		Comp	1		X	X	X	
20	CS-274 (1.5')	2/14/2024		X		Comp	1		X	X	X	

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Fabian Vargas	2-15-24 0820	Tamara Valdez	

Received by OCD: 7/24/2024 3:36:41 PM

Released to Imaging: 7/30/2024 11:50:05 AM

Chain of Custody

Work Order No: H240715

Page 3 of 6

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	Todd_Wells@eogresources.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lacey Swiss 1 Fed Com 707H	Turn Around	
Project Number:	1219	☑ Routine	☐ Rush
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	FV		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	Yes (No)
Received Intact:	(Yes) No	Thermometer ID:	140
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	3.4°c
Total Containers:		Corrected Temperature:	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

	Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
21	CS-275 (1.5')	2/14/2024		X		Comp	1		X	X	X	
22	CS-276 (1.5')	2/14/2024		X		Comp	1		X	X	X	
23	CS-277 (1.5')	2/14/2024		X		Comp	1		X	X	X	
24	CS-278 (1.5')	2/14/2024		X		Comp	1		X	X	X	
25	CS-279 (1.5')	2/14/2024		X		Comp	1		X	X	X	
26	CS-280 (1.5')	2/14/2024		X		Comp	1		X	X	X	
27	CS-281 (4.25')	2/14/2024		X		Comp	1		X	X	X	
28	CS-282 (4.25')	2/14/2024		X		Comp	1		X	X	X	
29	CS-283 (4.25')	2/14/2024		X		Comp	1		X	X	X	
30	CS-284 (4.25')	2/14/2024		X		Comp	1		X	X	X	

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Fabian Vargas	2-15-24 0820		

Received by OCD: 7/24/2024 3:36:41 PM

Released to Imaging: 7/30/2024 11:50:05 AM

Page 731 of 758

Page 61 of 63

Chain of Custody

Work Order No: H340715

Page 4 of 6

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	Todd_Wells@eogresources.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lacey Swiss 1 Fed Com 707H	Turn Around	
Project Number:	1219	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	FV		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	Yes (No)
Received Intact:	(Yes) No	Thermometer ID:	140
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	—
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	3.4°c
Total Containers:		Corrected Temperature:	—

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

	Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
31	CS-285 (4.25')	2/14/2024		X		Comp	1		X	X	X	
32	CS-286 (4.25')	2/14/2024		X		Comp	1		X	X	X	
33	CS-287 (4.25')	2/14/2024		X		Comp	1		X	X	X	
34	CS-288 (1.5')	2/14/2024		X		Comp	1		X	X	X	
35	CS-289 (1.5')	2/14/2024		X		Comp	1		X	X	X	
36	CS-290 (1.5')	2/14/2024		X		Comp	1		X	X	X	
37	CS-291 (1.5')	2/14/2024		X		Comp	1		X	X	X	
38	CS-292 (1.5')	2/14/2024		X		Comp	1		X	X	X	
39	CS-293 (1.5')	2/14/2024		X		Comp	1		X	X	X	
40	CS-294 (1.5')	2/14/2024		X		Comp	1		X	X	X	

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Fabian Vargas	2-15-24 0820	[signature]	

Received by OCD: 7/24/2024 3:36:41 PM

Released to Imaging: 7/30/2024 11:50:05 AM

Chain of Custody

Work Order No: H240715

Page 5 of 6

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	Todd_Wells@eogresources.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lacey Swiss 1 Fed Com 707H	Turn Around	☑ Routine ☐ Rush
Project Number:	1219	Due Date:	
Project Location	Lea County, New Mexico		
Sampler's Name:	FV		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	140
Cooler Custody Seals:	Yes No N/A	Correction Factor:	—
Sample Custody Seals:	Yes No N/A	Temperature Reading:	3.4°c
Total Containers:		Corrected Temperature:	—

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

	Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
41	SW-54 (1.5')	2/14/2024		X		Comp	1	X	X	X	
42	SW-55 (1.5')	2/14/2024		X		Comp	1	X	X	X	
43	SW-56 (1.5')	2/14/2024		X		Comp	1	X	X	X	
44	SW-57 (1.5')	2/14/2024		X		Comp	1	X	X	X	
45	SW-58 (1.5')	2/14/2024		X		Comp	1	X	X	X	
46	SW-59 (4.25')	2/14/2024		X		Comp	1	X	X	X	
47	SW-60 (2.75)	2/14/2024		X		Comp	1	X	X	X	
48	SW-61 (2.75)	2/14/2024		X		Comp	1	X	X	X	
49	SW-62 (4.25')	2/14/2024		X		Comp	1	X	X	X	
50	SW-63 (1.5')	2/14/2024		X		Comp	1	X	X	X	

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Fabian Vargas	2-15-24 0820		

Received by OCD: 7/24/2024 3:36:41 PM

Released to Imaging: 7/30/2024 11:50:05 AM

Page 733 of 758

Page 63 of 63

Chain of Custody

Work Order No: H240715

Page 6 of 6

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	Todd_Wells@eogresources.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lacey Swiss 1 Fed Com 707H	Turn Around	Pres. Code
Project Number:	1219	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	FV		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	140
Cooler Custody Seals:	Yes No N/A	Correction Factor:	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	3.4°
Total Containers:		Corrected Temperature:	

ANALYSIS REQUEST

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500
51 SW-64 (1.5')	2/14/2024		X		Comp	1	X	X	X
52 SW-65 (1.5')	2/14/2024		X		Comp	1	X	X	X
53 SW-66 (1.5')	2/14/2024		X		Comp	1	X	X	X
54 SW-67 (1.5')	2/14/2024		X		Comp	1	X	X	X
55 SW-68 (1.5')	2/14/2024		X		Comp	1	X	X	X

Preservative Codes

None: NO DI Water: H_2O

Cool: Cool MeOH: Me

HCL: HC HNO_3: HN

H_2S0_4: H_2 NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Sample Comments

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Fabian Vargas	3-15-24 0820	Tamara Latchley	

Received by OCD: 7/24/2024 3:36:41 PM

Released to Imaging: 7/30/2024 11:50:05 AM

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

February 23, 2024

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: LACEY SWISS 1 FED COM 707H

Enclosed are the results of analyses for samples received by the laboratory on 02/22/24 16:26.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/22/2024	Sampling Date:	02/22/2024
Reported:	02/23/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 59 (4.25') (H240891-01)

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	02/23/2024	ND	2.26	113	2.00	3.98	
Toluene*	<0.050	0.050	02/23/2024	ND	2.24	112	2.00	3.72	
Ethylbenzene*	<0.050	0.050	02/23/2024	ND	2.20	110	2.00	3.34	
Total Xylenes*	<0.150	0.150	02/23/2024	ND	6.44	107	6.00	3.58	
Total BTEX	<0.300	0.300	02/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.3 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**416**	16.0	02/23/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2024	ND	208	104	200	2.40	
DRO >C10-C28*	**75.6**	10.0	02/22/2024	ND	202	101	200	7.69	
EXT DRO >C28-C36	**37.3**	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane *70.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *75.8 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/22/2024	Sampling Date:	02/22/2024
Reported:	02/23/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 60 (2.75') (H240891-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/23/2024	ND	2.26	113	2.00	3.98	
Toluene*	<0.050	0.050	02/23/2024	ND	2.24	112	2.00	3.72	
Ethylbenzene*	<0.050	0.050	02/23/2024	ND	2.20	110	2.00	3.34	
Total Xylenes*	<0.150	0.150	02/23/2024	ND	6.44	107	6.00	3.58	
Total BTEX	<0.300	0.300	02/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.8 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**400**	16.0	02/23/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2024	ND	208	104	200	2.40	
DRO >C10-C28*	**81.3**	10.0	02/22/2024	ND	202	101	200	7.69	
EXT DRO >C28-C36	**45.7**	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane *84.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *93.2 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/22/2024	Sampling Date:	02/22/2024
Reported:	02/23/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 61 (2.75') (H240891-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/23/2024	ND	2.26	113	2.00	3.98	
Toluene*	<0.050	0.050	02/23/2024	ND	2.24	112	2.00	3.72	
Ethylbenzene*	<0.050	0.050	02/23/2024	ND	2.20	110	2.00	3.34	
Total Xylenes*	<0.150	0.150	02/23/2024	ND	6.44	107	6.00	3.58	
Total BTEX	<0.300	0.300	02/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *96.6 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**416**	16.0	02/23/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2024	ND	208	104	200	2.40	
DRO >C10-C28*	**87.8**	10.0	02/22/2024	ND	202	101	200	7.69	
EXT DRO >C28-C36	**59.8**	10.0	02/22/2024	ND					

Surrogate: 1-Chlorooctane *78.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *88.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

Page 739 of 758

Page 6 of 6

Chain of Custody

Work Order No: H240891

Page 1 of 1

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	Todd_Wells@eogresources.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ rownfields ☐ RC ☐ perfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lacey Swiss 1 Fed Com 707H	Turn Around	☐ Routine ☑ Rush
Project Number:	1219	Due Date:	
Project Location	Lea County, New Mexico		24 hr tat
Sampler's Name:	FV		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	Yes (No)
Received Intact:	(Yes) No	Thermometer ID:	140
Cooler Custody Seals:	Yes (No) N/A	Correction Factor:	0
Sample Custody Seals:	Yes (No) N/A	Temperature Reading:	2.4
Total Containers:	3	Corrected Temperature:	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
SW-59 (4.25')	2/22/2024		X		Comp	1		X	X	X	1
SW-60 (2.75')	2/22/2024		X		Comp	1		X	X	X	2
SW-61 (2.75')	2/22/2024		X		Comp	1		X	X	X	3

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Fabian Reyes	2/22/24 16:26	S Rodriguez	2-22-24

Received by OCD: 7/24/2024 3:36:41 PM

Released to Imaging: 7/30/2024 11:50:05 AM

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

February 28, 2024

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: LACEY SWISS 1 FED COM 707H

Enclosed are the results of analyses for samples received by the laboratory on 02/27/24 15:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/27/2024	Sampling Date:	02/27/2024
Reported:	02/28/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 59 (4.25') (H240957-01)

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	02/27/2024	ND	2.12	106	2.00	4.53	
Toluene*	<0.050	0.050	02/27/2024	ND	2.09	105	2.00	4.91	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.06	103	2.00	4.43	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.01	100	6.00	4.68	
Total BTEX	<0.300	0.300	02/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.3 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	02/28/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2024	ND	187	93.4	200	0.797	
DRO >C10-C28*	<10.0	10.0	02/28/2024	ND	174	86.8	200	0.839	
EXT DRO >C28-C36	<10.0	10.0	02/28/2024	ND					

Surrogate: 1-Chlorooctane *99.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *93.6 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/27/2024	Sampling Date:	02/27/2024
Reported:	02/28/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 60 (2.75') (H240957-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	ND	2.12	106	2.00	4.53	
Toluene*	<0.050	0.050	02/27/2024	ND	2.09	105	2.00	4.91	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.06	103	2.00	4.43	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.01	100	6.00	4.68	
Total BTEX	<0.300	0.300	02/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.8 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	02/28/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2024	ND	187	93.4	200	0.797	
DRO >C10-C28*	<10.0	10.0	02/28/2024	ND	174	86.8	200	0.839	
EXT DRO >C28-C36	<10.0	10.0	02/28/2024	ND					

Surrogate: 1-Chlorooctane *95.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *91.6 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/27/2024	Sampling Date:	02/27/2024
Reported:	02/28/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: SW - 61 (2.75') (H240957-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	ND	2.12	106	2.00	4.53	
Toluene*	<0.050	0.050	02/27/2024	ND	2.09	105	2.00	4.91	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.06	103	2.00	4.43	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.01	100	6.00	4.68	
Total BTEX	<0.300	0.300	02/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.2 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	02/28/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2024	ND	187	93.4	200	0.797	
DRO >C10-C28*	<10.0	10.0	02/28/2024	ND	174	86.8	200	0.839	
EXT DRO >C28-C36	<10.0	10.0	02/28/2024	ND					

Surrogate: 1-Chlorooctane *98.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *94.0 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/27/2024	Sampling Date:	02/27/2024
Reported:	02/28/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: CS - 295 (4.25') (H240957-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	ND	2.12	106	2.00	4.53	
Toluene*	<0.050	0.050	02/27/2024	ND	2.09	105	2.00	4.91	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.06	103	2.00	4.43	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.01	100	6.00	4.68	
Total BTEX	<0.300	0.300	02/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.4 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	02/28/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2024	ND	187	93.4	200	0.797	
DRO >C10-C28*	<10.0	10.0	02/28/2024	ND	174	86.8	200	0.839	
EXT DRO >C28-C36	<10.0	10.0	02/28/2024	ND					

Surrogate: 1-Chlorooctane *88.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *84.2 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

Page 746 of 758

Received by OCD: 7/24/2024 3:36:41 PM

Released to Imaging: 7/30/2024 11:50:05 AM

Chain of Custody

Work Order No: H240957-1-1

Page 1 of 1

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	Todd_Wells@eogresources.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lacey Swiss 1 Fed Com 707H	Turn Around	
Project Number:	1219	☐ Routine ☑ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	FV	24 hr tat	
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	Yes (No)	
Received Intact:	(Yes) No	Thermometer ID:	140	
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	—	
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	3.1	
Total Containers:	4	Corrected Temperature:	—	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
SW-59 (4.25')	2/27/2024		X		Comp	1	X	X	X	1
SW-60 (2.75')	2/27/2024		X		Comp	1	X	X	X	2
SW-61 (2.75')	2/27/2024		X		Comp	1	X	X	X	3
CS-295 (4.25')	2/27/2024		X		Comp	1	X	X	X	4

Pres. Code / Parameters

Preservative Codes

None: NO — DI Water: H_2O

Cool: Cool — MeOH: Me

HCL: HC — HNO_3: HN

H_2S0_4: H_2 — NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	2/27/24 1510		02/27/24 15:10

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

February 28, 2024

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: LACEY SWISS 1 FED COM 707H

Enclosed are the results of analyses for samples received by the laboratory on 02/27/24 15:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CONNER MOEHRING
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	02/27/2024	Sampling Date:	02/27/2024
Reported:	02/28/2024	Sampling Type:	Soil
Project Name:	LACEY SWISS 1 FED COM 707H	Sampling Condition:	Cool & Intact
Project Number:	1219	Sample Received By:	Dionica Hinojos
Project Location:	EOG - LEA CO NM		

Sample ID: H - 12 (0-0.5') (H240958-01)

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	02/27/2024	ND	2.12	106	2.00	4.53	
Toluene*	<0.050	0.050	02/27/2024	ND	2.09	105	2.00	4.91	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.06	103	2.00	4.43	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.01	100	6.00	4.68	
Total BTEX	<0.300	0.300	02/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.8 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	02/28/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2024	ND	187	93.4	200	0.797	
DRO >C10-C28*	<10.0	10.0	02/28/2024	ND	174	86.8	200	0.839	
EXT DRO >C28-C36	<10.0	10.0	02/28/2024	ND					

Surrogate: 1-Chlorooctane *101 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.2 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

Page 750 of 758

Received by OCD: 7/24/2024 3:36:41 PM

Chain of Custody

Work Order No: H240958

Page 1 of 1

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	432-813-6823	Email:	Todd_Wells@eogresources.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Lacey Swiss 1 Fed Com 707H	Turn Around	
Project Number:	1219	☐ Routine ☑ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	FV	24 hr tat	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	Yes (No)
Received Intact:	(Yes) No	Thermometer ID:	140
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	3.1
Total Containers:	1	Corrected Temperature:	-

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
H-12 (0-0.5')	2/27/2024		X		G	1		X	X	X	1

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	2/27/24 1510		2/27/24 15:10

Released to Imaging: 7/30/2024 11:50:05 AM

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 366995

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 366995
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2235350956**
Incident Name	**NAPP2235350956 LACEY SWISS 1 FED COM #707H @ 30-025-50539**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Closure Report Received**
Incident Well	**[30-025-50539] LACEY SWISS 1 FEDERAL COM #707H**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	LACEY SWISS 1 FED COM #707H
Date Release Discovered	12/11/2022
Surface Owner	Federal

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: Human Error | Tank (Any) | Produced Water | Released: 85 BBL | Recovered: 75 BBL | Lost: 10 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 366995
	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. 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	*Not answered.*
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Todd Wells Title: Safety and Environmental Specialist Email: Todd_Wells@eogresources.com Date: 07/24/2024

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 366995
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
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	Between 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (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	Greater than 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 that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	34000
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	19200
GRO+DRO (EPA SW-846 Method 8015M)	19200
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	01/22/2024
On what date will (or did) the final sampling or liner inspection occur	02/27/2024
On what date will (or was) the remediation complete(d)	02/29/2024
What is the estimated surface area (in square feet) that will be reclaimed	151264
What is the estimated volume (in cubic yards) that will be reclaimed	12289
What is the estimated surface area (in square feet) that will be remediated	151264
What is the estimated volume (in cubic yards) that will be remediated	12289
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 366995
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	OWL LANDFILL JAL [fJEG1635837366]
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	*Not answered.*
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	*Not answered.*
(In Situ) Soil Vapor Extraction	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	*Not answered.*
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	*Not answered.*
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Todd Wells Title: Safety and Environmental Specialist Email: Todd_Wells@eogresources.com Date: 07/24/2024
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.	

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 366995
	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

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 366995
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**317083**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**02/27/2024**
What was the (estimated) number of samples that were to be gathered	**4**
What was the sampling surface area in square feet	**160**

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	151264
What was the total volume (cubic yards) remediated	12180
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	151264
What was the total volume (in cubic yards) reclaimed	12180
Summarize any additional remediation activities not included by answers (above)	na

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: Todd Wells Title: Safety and Environmental Specialist Email: Todd_Wells@eogresources.com Date: 07/24/2024

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 366995
	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

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 366995

CONDITIONS

Operator:	OGRID:
EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	7377
	Action Number: 366995
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
bhall	Remediation closure approved. A reclamation report must be submitted but will not be accepted until reclamation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	7/30/2024
bhall	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	7/30/2024
bhall	Please be advised that the Word/PDF version of the C-141 is no longer required to be completed, signed, and submitted with the report. The digital C-141 has replaced these forms.	7/30/2024