

CARMONA RESOURCES



SITE INFORMATION

Work Plan

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

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432.813.1992



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June 19, 2023

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

Re: Work Plan
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 activities for the Lacey Swiss 1 Fed Com #707H. The 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 from an overfilled pump-down tank on December 11, 2022. It resulted in the release of eighty-five (85) barrels of reused water and occurred on the pad. There were seventy-five (75) barrels recovered. Refer to 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 Summary report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

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

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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 for the areas of T-1 through T-13 and T-16 through T-21. The areas of T-14 and T-15 were not delineated vertically due to the dense, cemented geological formation at 6 ft bgs. A track hoe will be utilized during the remediation activities to break through and remove the impacted material. 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. Horizontal samples that exceed regulatory limits will be removed during remediation. Refer to Table 1 and Figure 4.

5.0 Proposed Work Plan

Based on the analytical data of the detected TPH and chloride concentrations, EOG proposes to remediate the areas shown in Figure 4 and highlighted (blue) in Table 1.

- The areas of T-1, T-3, T-6, T-7, T-8, T-10, T-11, T-12, T-13, T-16, T-20, and T-21 will be excavated to a depth of 1.5' below the surface and backfilled with clean material to surface grade.
- The areas of T-4 and T-9 will be excavated to a depth of 2.0' below the surface and backfilled with clean material to surface grade.
- The area of T-18 will be excavated to a depth of 3.0' below the surface and backfilled with clean material to surface grade.
- The areas of T-2 and T-19 will be excavated to a depth of 4.0' below the surface and backfilled with clean material to surface grade.
- T-5 and T-17 will be excavated to a depth of 5.0' below the surface and backfilled with

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clean material to surface grade.

- The areas of T-14 and T-15 will be excavated to a depth of 6.5' below the surface or until vertically defined. Those areas will then be backfilled with clean material to surface grade.
- The areas of H-2, H-8, H-12, H-16, and H-17 will be extended during remediation activities and re-collected.
- An estimated 14,200 cubic yards will be removed and hauled to the nearest disposal based on the maximum depth.
- A variance is requested per 19.15.29.14. A NMAC, Five-point composite bottom floor hole, and sidewall samples will be collected every 500 square feet to represent the release area.
- Once the site activities and excavation are complete, the areas will be backfilled with clean material to surface grade. The remediation will be implemented 90 days after the work plan is approved.
- Impacted soil around oil and gas equipment, structures, or lines may not be removed during remediation activities due to safety concerns for the onsite personnel. However, EOG Resources will excavate the impacted soils to the maximum extent possible.

6.0 Conclusions

Upon completion, a final closure report describing the remediation activities will be presented to the New Mexico Oil Conservation Division (NMOCD). 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

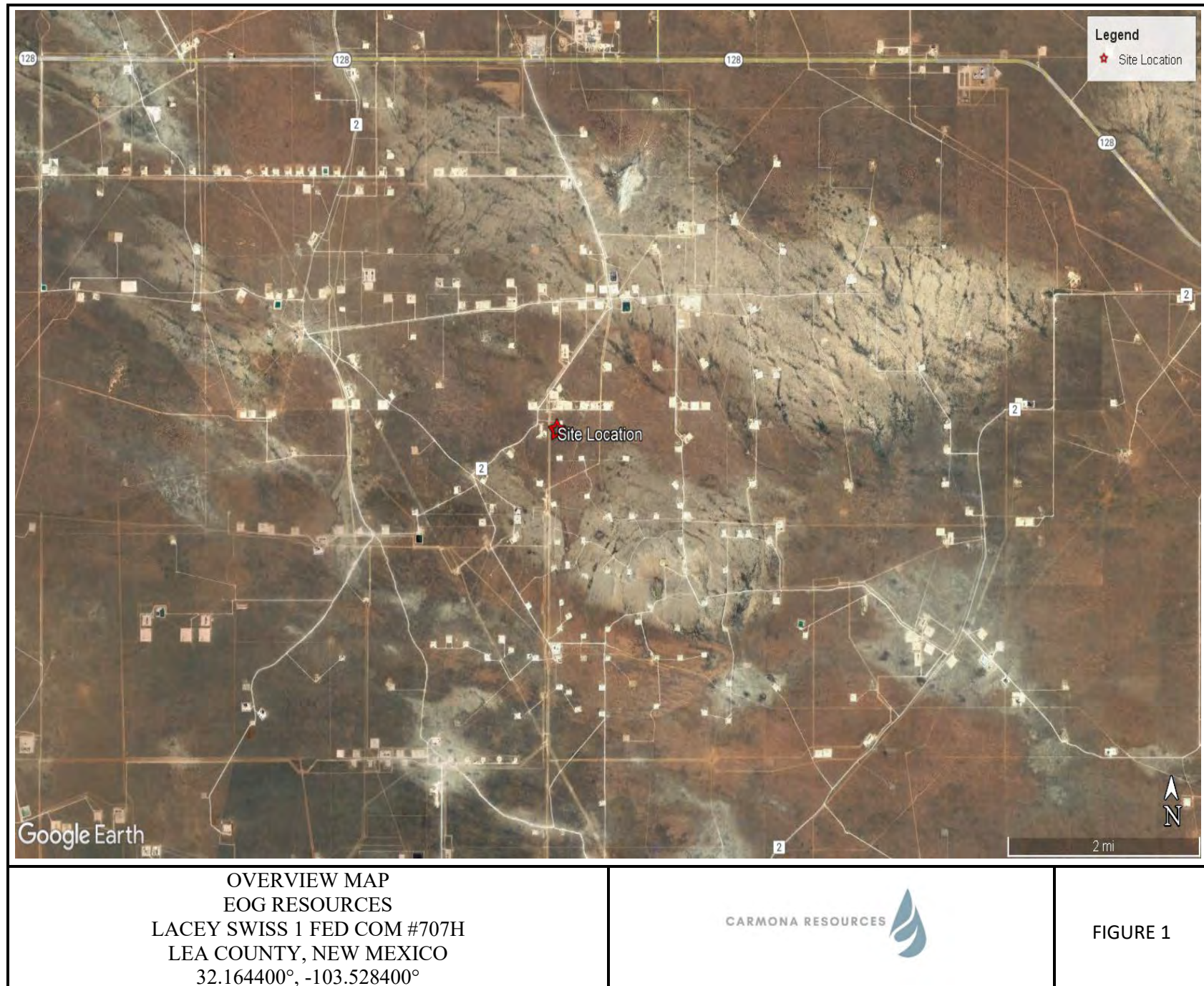
Conner Moehring
Sr. Project Manager

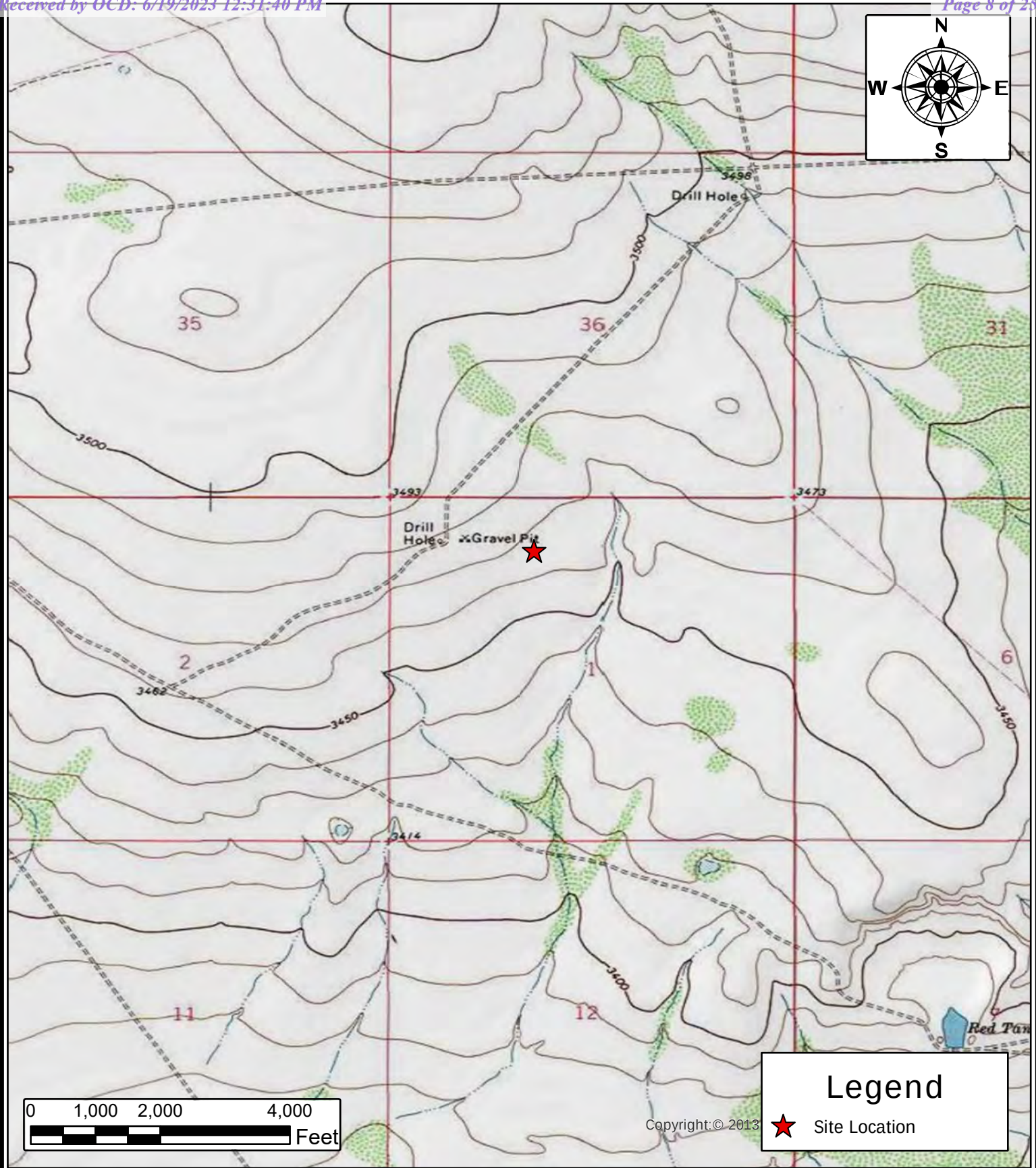
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FIGURES

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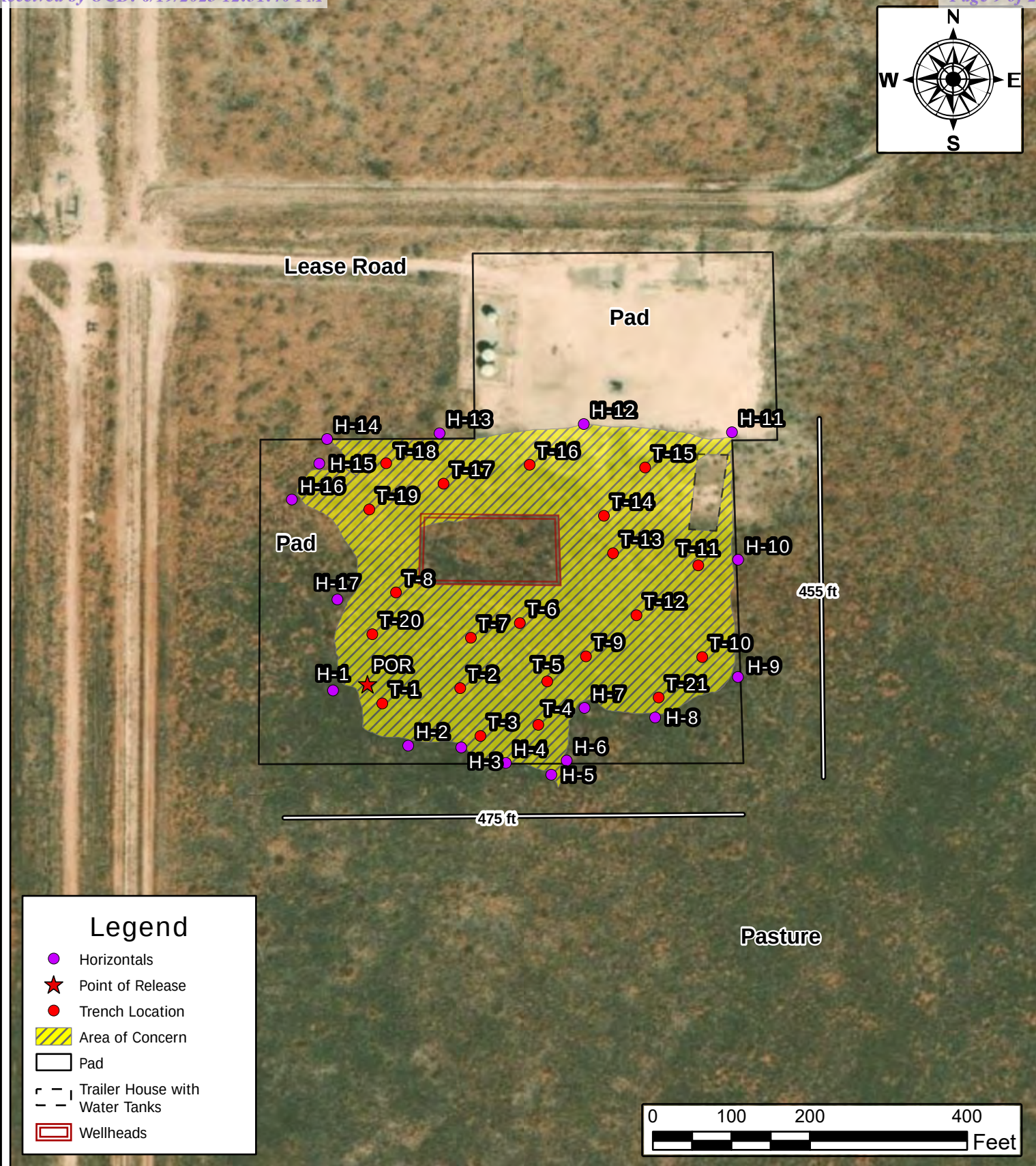


TOPOGRAPHIC MAP EOG RESOURCES LACEY SWISS 1 FED COM 707H LEA COUNTY, NEW MEXICO 32.164400, -103.528400	
SCALE: As Shown	Date: 4/14/2023

 Carmona Resources 310 West Wall Street, Suite 500 Midland, Texas 79701
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NOTES: 1. Base Image: ESRI Maps & Data 2023 2. Map Projection: WGS84

DRAWING NUMBER: FIGURE 2
SHEET NUMBER: 1 of 1



SAMPLE LOCATION MAP
EOG RESOURCES
 LACEY SWISS 1 FED COM 707H
 LEA COUNTY, NEW MEXICO
 32.164400, -103.528400

SCALE: As Shown

Date: 4/16/2023



Carmona Resources
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NOTES:

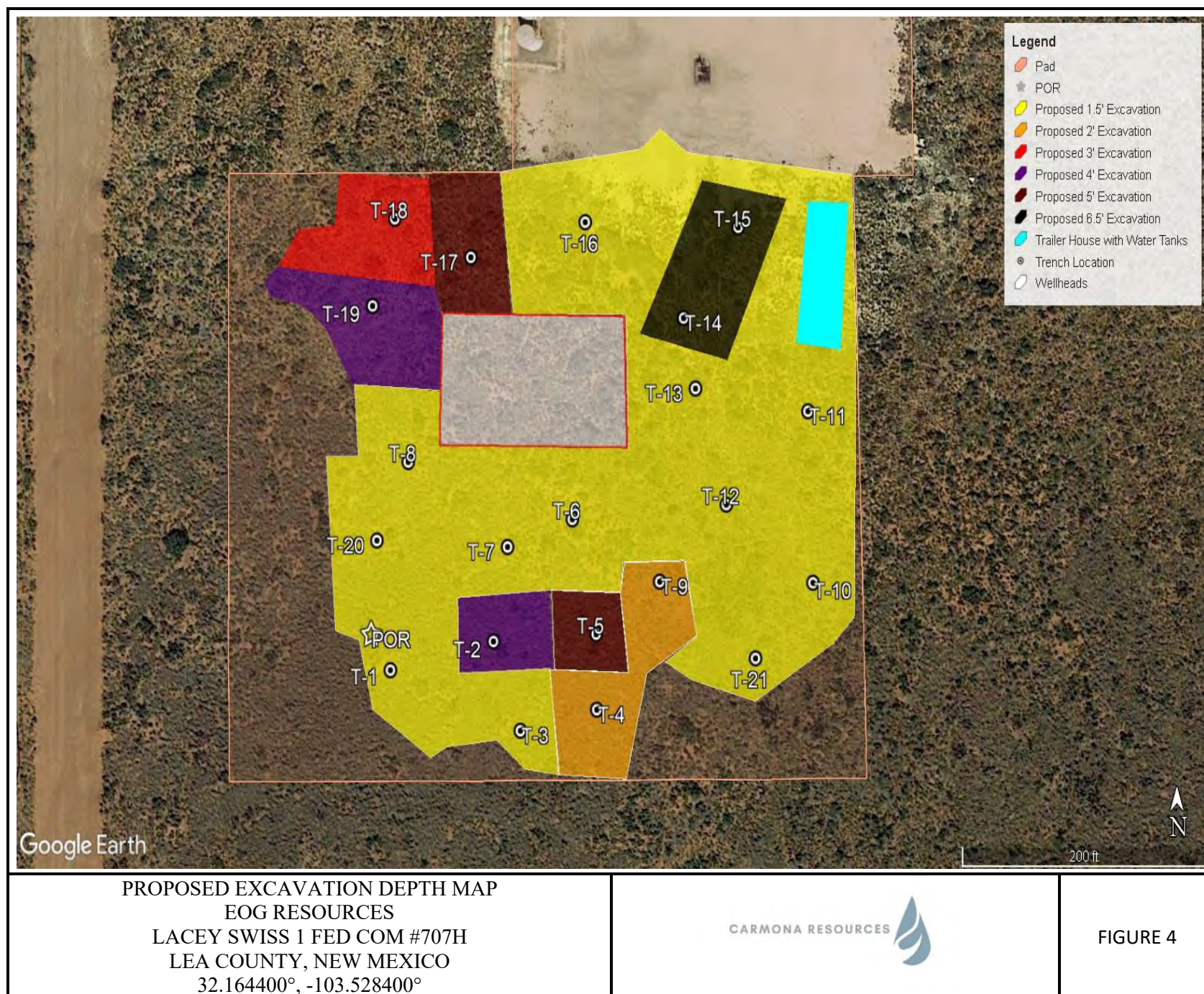
1. Base Image: ESRI Maps & Data 2023
2. Map Projection: WGS84

DRAWING NUMBER:

FIGURE 3

SHEET NUMBER:

1 of 1



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						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

Proposed Excavation

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(T) Trench Sample

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-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
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						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

Proposed Excavation

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(T) Trench Sample

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						
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	<49.9	<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
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							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

Proposed Excavation

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(H) Horizontal Sample

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

EOG Resources, Inc

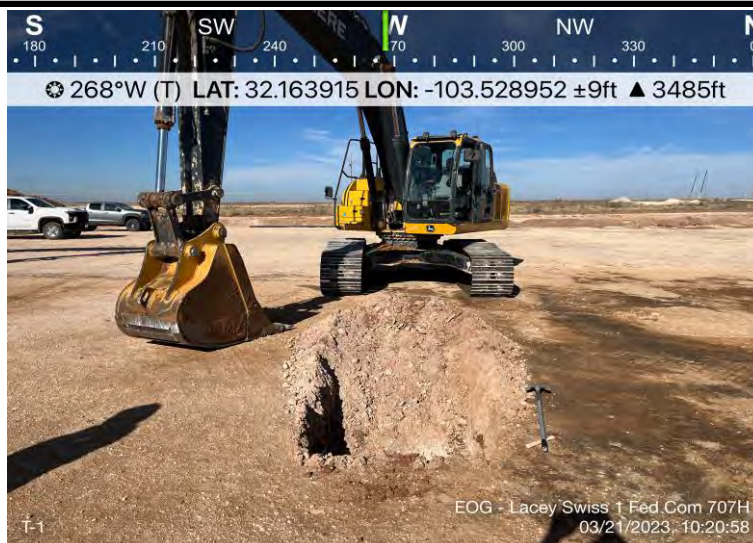
Photograph No. 1

Facility: Lacey Swiss 1 Fed Com #707H

County: Lea County, New Mexico

Description:

View West, area of Trench (1).



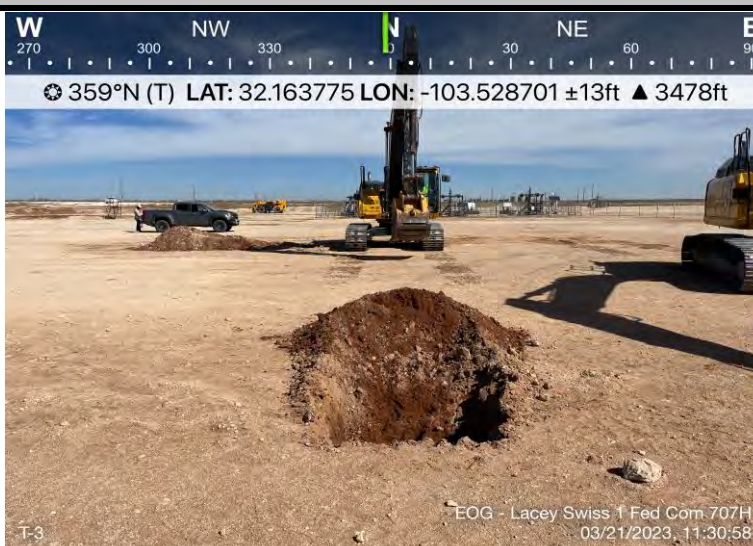
Photograph No. 2

Facility: Lacey Swiss 1 Fed Com #707H

County: Lea County, New Mexico

Description:

View North, area of Trenchs (2-3).



Photograph No. 3

Facility: Lacey Swiss 1 Fed Com #707H

County: Lea County, New Mexico

Description:

View Southeast, area of Trenchs (4-5).



PHOTOGRAPHIC LOG

EOG Resources, Inc

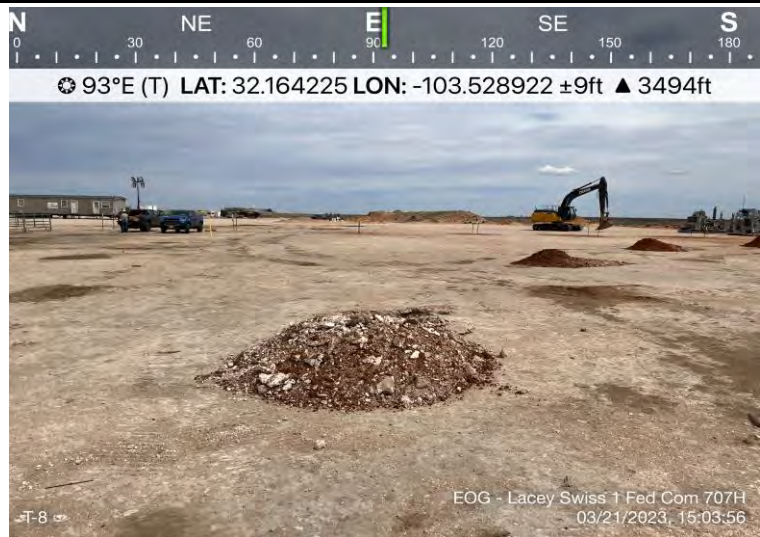
Photograph No. 4

Facility: Lacey Swiss 1 Fed Com #707H

County: Lea County, New Mexico

Description:

View East, area of Trenchs (6-8).



Photograph No. 5

Facility: Lacey Swiss 1 Fed Com #707H

County: Lea County, New Mexico

Description:

View South, area of Trenchs (9-11).



Photograph No. 6

Facility: Lacey Swiss 1 Fed Com #707H

County: Lea County, New Mexico

Description:

View South, area of Trenchs (12-13).



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 Trenches (14-15).



Photograph No. 8

Facility: Lacey Swiss 1 Fed Com #707H

County: Lea County, New Mexico

Description:

View South, area of Trench (16).



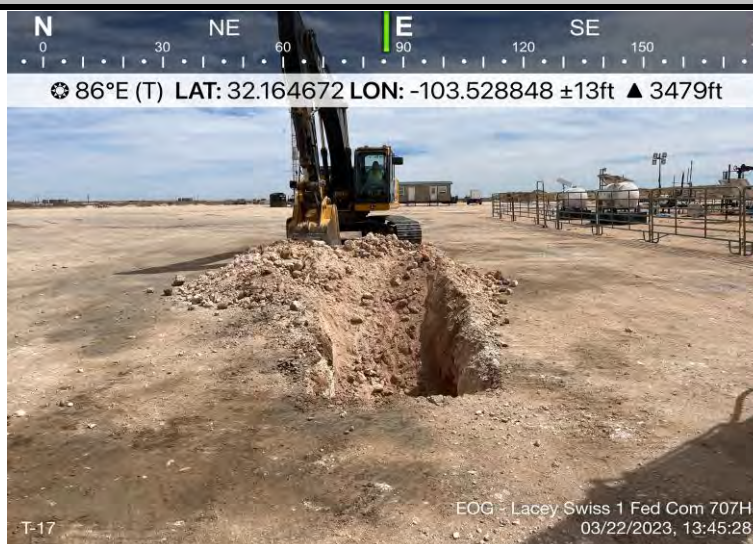
Photograph No. 9

Facility: Lacey Swiss 1 Fed Com #707H

County: Lea County, New Mexico

Description:

View East, area of Trench (17).



PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 10

Facility: Lacey Swiss 1 Fed Com #707H

County: Lea County, New Mexico

Description:

View North, area of Trench (18).



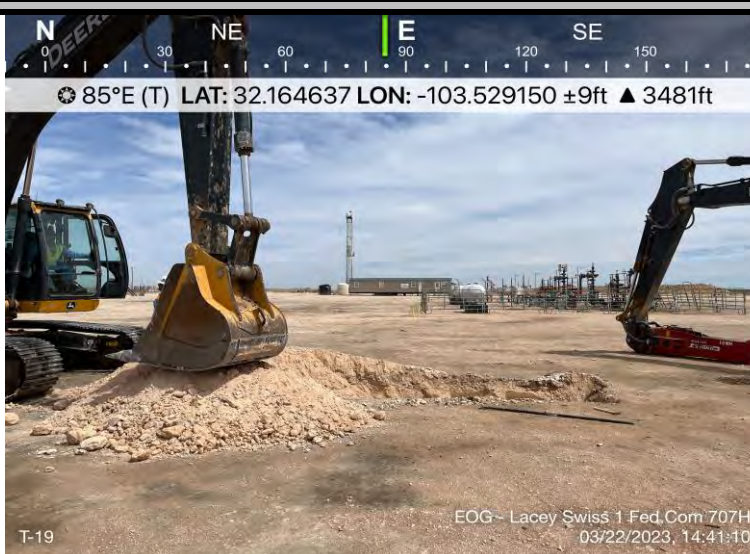
Photograph No. 11

Facility: Lacey Swiss 1 Fed Com #707H

County: Lea County, New Mexico

Description:

View East, area of Trench (19).



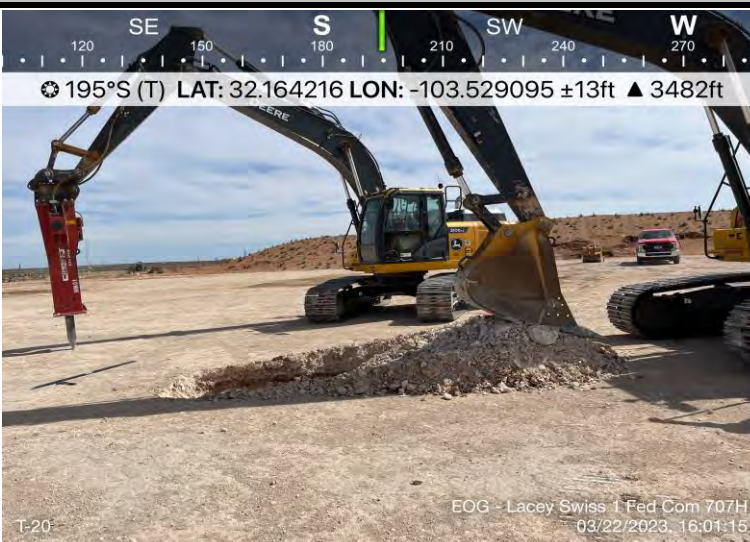
Photograph No. 12

Facility: Lacey Swiss 1 Fed Com #707H

County: Lea County, New Mexico

Description:

View South, area of Trench (20).



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 Trench (21).



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.

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 <u>not</u> been undertaken, explain why:
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. Printed Name: <u>Todd Wells</u> Title: <u>Environmental Specialist</u> Signature: <u>Todd Wells</u> Date: <u>12-19-22</u> email: <u>Todd_Wells@eogresources.com</u> Telephone: <u>(432) 686-3613</u>
<u>OCD Only</u> Received by: <u>Jocelyn Harimon</u> Date: <u>12/19/2022</u>

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 168399

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

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.

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: _____ Title: _____

Signature: Todd Wells Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: 06/20/2023

Incident ID	
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☐ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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 OnlyReceived by: Jocelyn Harimon Date: 06/20/2023☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral ApprovedSignature: Nelson Velez Date: 09/18/2023

Remediation plan is approved as written. EOG has 90-days (December 18, 2023) to submit its appropriate or final closure report.

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
- Lacey Swiss 1 Fed Com #707H
- NMSEO Water Well
- USGS Water Well



LOW KARST

EOG Resources

Legend

-  Low
-  Lacey Swiss 1 Fed Com 707H





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Code	Sub-basin	County	Q Q Q						X	Y	Depth Well	Depth Water	Water Column	
				64	16	4	Sec	Tws	Rng						
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.

2/3/23 1:11 PM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER



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	Tw	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.

2/3/23 1:22 PM

POINT OF DIVERSION SUMMARY



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 S	1	2	1	13	25S	33E	638721	3556549*

x

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 Rev 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

x

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:

x

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

x

****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

x

*UTM location was derived from PLSS - see Help

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POINT OF DIVERSION SUMMARY



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USGS Water Resources

Data Category:
Groundwater

Geographic Area:
New Mexico

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Groundwater levels for New Mexico

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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.

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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

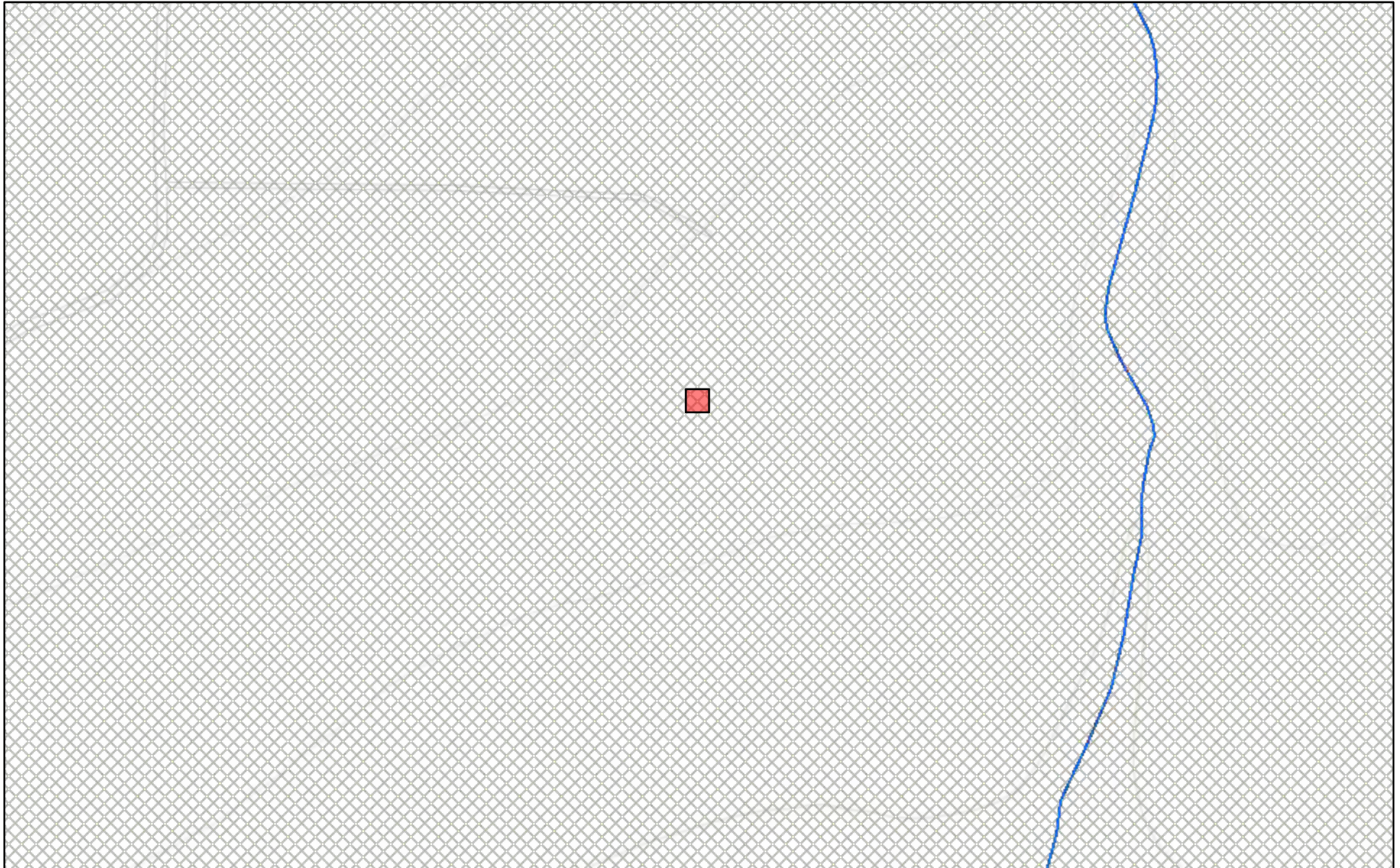
		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng	X	Y
	C 02309	2	2	2	25	24S	33E	639708	3562997 
Driller License:		Driller Company:							
Driller Name:		UNKNOWN							
Drill Start Date:		01/01/1912		Drill Finish Date:		06/30/1912		Plug Date:	
Log File Date:				PCW Rev Date:				Source:	
Pump Type:				Pipe Discharge Size:				Estimated Yield:	
Casing Size:		7.00		Depth Well:		60 feet		Depth Water:	
								40 GPM	
								30 feet	

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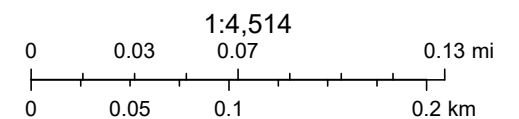
2/3/23 1:29 PM

POINT OF DIVERSION SUMMARY

New Mexico NFHL Data



January 31, 2023



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

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APPENDIX E

CARMONA RESOURCES





Environment Testing

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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

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



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

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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)

Eurofins Midland

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

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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)

Lab Sample ID: 880-26282-1

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 16:22	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
Oil 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)

Lab Sample ID: 880-26282-2

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		03/27/23 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

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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

Date Collected: 03/21/23 00:00

Matrix: Solid

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

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 16:22	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

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
Oil 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

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	03/29/23 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
Oil 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

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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

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 16:22	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
Oil 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

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	03/29/23 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

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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)

Lab Sample ID: 880-26282-6

Date Collected: 03/21/23 00:00

Matrix: Solid

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	<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
Oil 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)

Lab Sample ID: 880-26282-7

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		03/27/23 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

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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)

Lab Sample ID: 880-26282-7

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
Oil 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)

Lab Sample ID: 880-26282-8

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 16:22	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
Oil 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

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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

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 16:22	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
Oil 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

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	03/29/23 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

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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

Date Collected: 03/21/23 00:00

Matrix: Solid

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
Oil 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

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		03/27/23 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

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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

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
Oil 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

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 16:22	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
Oil 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

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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

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 16:22	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
Oil 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

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 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

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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)

Lab Sample ID: 880-26282-14

Date Collected: 03/21/23 00:00

Matrix: Solid

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			03/30/23 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
Oil 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)

Lab Sample ID: 880-26282-15

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 16:22	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

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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

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
Oil 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

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	<0.00202	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
Oil 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

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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)

Lab Sample ID: 880-26282-17

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		03/27/23 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
Oil 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)

Lab Sample ID: 880-26282-18

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 16:22	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

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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

Date Collected: 03/21/23 00:00

Matrix: Solid

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
Oil 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

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 16:22	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

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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
Oil 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
Oil 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

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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

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 16:35	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
Oil 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

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 16:35	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

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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)

Lab Sample ID: 880-26282-22

Date Collected: 03/21/23 00:00

Matrix: Solid

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 12:18	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
Oil 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)

Lab Sample ID: 880-26282-23

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	03/30/23 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

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
Oil 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

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 16:35	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
Oil 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

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 (2)

Lab Sample ID: 880-26282-25

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		03/27/23 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
Oil 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)

Lab Sample ID: 880-26282-26

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 16:35	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

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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)

Lab Sample ID: 880-26282-26

Date Collected: 03/21/23 00:00

Matrix: Solid

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 12:18	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
Oil 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)

Lab Sample ID: 880-26282-27

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 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

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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)

Lab Sample ID: 880-26282-27

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
Oil 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)

Lab Sample ID: 880-26282-28

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 16:35	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
Oil 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

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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

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 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
Oil 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

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 16:35	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

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 (1.5)

Lab Sample ID: 880-26282-30

Date Collected: 03/21/23 00:00

Matrix: Solid

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 12:18	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
Oil 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)

Lab Sample ID: 880-26282-31

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 16:35	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
Oil 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
Oil 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

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-10 (0-1)

Lab Sample ID: 880-26282-33

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 16:35	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
Oil 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

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 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

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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

Date Collected: 03/21/23 00:00

Matrix: Solid

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
Oil 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

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		03/27/23 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

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-10 (2)

Lab Sample ID: 880-26282-35

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
Oil 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)

Lab Sample ID: 880-26282-36

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 16:35	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
Oil 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

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-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

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

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 16:35	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

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-11 (1,5)

Lab Sample ID: 880-26282-38

Date Collected: 03/21/23 00:00

Matrix: Solid

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			03/31/23 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
Oil 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)

Lab Sample ID: 880-26282-39

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	<0.00202	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

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-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
Oil 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
Oil 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

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-12 (0-1)

Lab Sample ID: 880-26282-41

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	03/30/23 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)

Lab Sample ID: 880-26282-42

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	<0.00202	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

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-12 (1.5)

Lab Sample ID: 880-26282-42

Date Collected: 03/21/23 00:00

Matrix: Solid

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	<0.00404	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
Oil 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)

Lab Sample ID: 880-26282-43

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	03/30/23 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

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-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
Oil 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
Oil 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

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-13 (0-1)

Lab Sample ID: 880-26282-45

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		03/27/23 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)

Lab Sample ID: 880-26282-46

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 23:56	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

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-13 (1.5)

Lab Sample ID: 880-26282-46

Date Collected: 03/21/23 00:00

Matrix: Solid

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
Oil 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

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 00:17	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

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-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
Oil 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
Oil 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

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 (0-1)

Lab Sample ID: 880-26282-49

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	03/31/23 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

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	03/31/23 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

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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)

Lab Sample ID: 880-26282-50

Date Collected: 03/21/23 00:00

Matrix: Solid

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	<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
Oil 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)

Lab Sample ID: 880-26282-51

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 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

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 (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
Oil 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
Oil 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

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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)

Lab Sample ID: 880-26282-53

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	<0.00202	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
Oil 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)

Lab Sample ID: 880-26282-54

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		03/27/23 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

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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)

Lab Sample ID: 880-26282-54

Date Collected: 03/21/23 00:00

Matrix: Solid

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			03/31/23 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
Oil 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)

Lab Sample ID: 880-26282-55

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	03/31/23 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

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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
Oil 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
Oil 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

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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

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 04:50	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
Oil 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

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	03/31/23 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

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 (2)

Lab Sample ID: 880-26282-58

Date Collected: 03/21/23 00:00

Matrix: Solid

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	<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
Oil 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)

Lab Sample ID: 880-26282-59

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	03/31/23 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
Oil 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
Oil 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

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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

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		03/27/23 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
Oil 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

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 16:39	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

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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)

Lab Sample ID: 880-26282-62

Date Collected: 03/21/23 00:00

Matrix: Solid

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 12:09	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
Oil 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)

Lab Sample ID: 880-26282-63

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 16:39	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

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-16 (1,5)

Lab Sample ID: 880-26282-63

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
Oil 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

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 16:39	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
Oil 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

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-16 (3)

Lab Sample ID: 880-26282-65

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	<0.00202	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
Oil 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

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 16:39	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

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-17 (0-1)

Lab Sample ID: 880-26282-66

Date Collected: 03/21/23 00:00

Matrix: Solid

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	0.0187		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
Oil 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)

Lab Sample ID: 880-26282-67

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 16:39	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

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-17 (1.5)

Lab Sample ID: 880-26282-67

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
Oil 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

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 16:39	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
Oil 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

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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)

Lab Sample ID: 880-26282-69

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 16:39	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
Oil 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)

Lab Sample ID: 880-26282-70

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	<0.00202	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

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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)

Lab Sample ID: 880-26282-70

Date Collected: 03/21/23 00:00

Matrix: Solid

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	<0.00404	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
Oil 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)

Lab Sample ID: 880-26282-71

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 16:39	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

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-17 (5)

Lab Sample ID: 880-26282-71

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
Oil 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

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 16:39	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
Oil 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

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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

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 16:39	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
Oil 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

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 16:39	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

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-18 (2)

Lab Sample ID: 880-26282-74

Date Collected: 03/21/23 00:00

Matrix: Solid

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 12:09	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
Oil 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)

Lab Sample ID: 880-26282-75

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 16:39	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

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-18 (3)

Lab Sample ID: 880-26282-75

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
Oil 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)

Lab Sample ID: 880-26282-76

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 16:39	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
Oil 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

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-19 (0-1)

Lab Sample ID: 880-26282-77

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	<0.00202	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
Oil 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)

Lab Sample ID: 880-26282-78

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 16:39	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

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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)

Lab Sample ID: 880-26282-78

Date Collected: 03/21/23 00:00

Matrix: Solid

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 12:09	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
Oil 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)

Lab Sample ID: 880-26282-79

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 16:39	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

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-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
Oil 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
Oil 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

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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

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 16:41	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
Oil 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

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 16:41	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

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-19 (5)

Lab Sample ID: 880-26282-82

Date Collected: 03/21/23 00:00

Matrix: Solid

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 15:08	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
Oil 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)

Lab Sample ID: 880-26282-83

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 16:41	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

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
Oil 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

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 16:41	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
Oil 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

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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

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 16:41	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
Oil 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

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 16:41	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

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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)

Lab Sample ID: 880-26282-86

Date Collected: 03/21/23 00:00

Matrix: Solid

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			03/31/23 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
Oil 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)

Lab Sample ID: 880-26282-87

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 16:41	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

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-21 (0-1)

Lab Sample ID: 880-26282-87

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
Oil 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

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 16:41	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
Oil 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

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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

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 16:41	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
Oil 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

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 16:41	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

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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)

Lab Sample ID: 880-26282-90

Date Collected: 03/21/23 00:00

Matrix: Solid

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			03/31/23 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
Oil 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	DFBZ1		
		(70-130)	(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		

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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

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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

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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				

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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

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Surrogate Summary

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

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

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

1
2
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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

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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

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
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

Matrix: Solid

Analysis Batch: 49870

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

Prep Type: Total/NA

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

Matrix: Solid

Analysis Batch: 49870

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

Prep Type: Total/NA

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

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
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

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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

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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	MS 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	MSD 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	MB 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

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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

	LCS	LCS	
Surrogate	%Recovery	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

	LCSD	LCSD	
Surrogate	%Recovery	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

	MS	MS	
Surrogate	%Recovery	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

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

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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

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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

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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

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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

	MSD	MSD	
Surrogate	%Recovery	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	MB								
	Result	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	%Recovery	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	MB								
	Result	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	%Recovery	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	LCS	LCS							
	Added	Result	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		

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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

	LCS	LCS	
Surrogate	%Recovery	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

	LCSD	LCSD	
Surrogate	%Recovery	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

	MS	MS	
Surrogate	%Recovery	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

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

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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
Oil 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

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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

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
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

Matrix: Solid

Analysis Batch: 49279

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

Prep Type: Total/NA

Prep Batch: 49333

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
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

Matrix: Solid

Analysis Batch: 49279

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

Prep Type: Total/NA

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

Matrix: Solid

Analysis Batch: 49358

Client Sample ID: Method Blank

Prep Type: Total/NA

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
Oil 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

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: 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	LCS	LCS	Unit	D	%Rec	%Rec		
			Added	Result	Qualifier			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		
		LCS	LCS								
Surrogate	%Recovery	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	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	RPD
			Added	Result	Qualifier			Limits	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	LCSD	Limits								
	%Recovery	Qualifier									
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	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec		
	Result	Qualifier	Added	Result	Qualifier			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		
	MS	MS									
Surrogate	%Recovery	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

	Sample	Sample	Spike	MSD	MSD			%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	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

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: 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

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -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

	MB	MB								
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 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	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/24/23 08:51	03/24/23 20:44	1	
	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
1-Chlorooctane	107		70 - 130				03/24/23 08:51	03/24/23 20:44	1	
<i>o</i> -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

		Spike	LCS	LCS				%Rec		
Analyte		Added	Result	Qualifier	Unit	D	%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		
	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	104		70 - 130							
<i>o</i> -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

			Spike	LCSD	LCSD				%Rec	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	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

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

Lab Sample ID: 880-26282-42 MS

Matrix: Solid

Analysis Batch: 49360

Client Sample ID: T-12 (1.5)

Prep Type: Total/NA

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

Matrix: Solid

Analysis Batch: 49360

Client Sample ID: T-12 (1.5)

Prep Type: Total/NA

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

Matrix: Solid

Analysis Batch: 49473

Client Sample ID: Method Blank

Prep Type: Total/NA

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
Oil 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

Matrix: Solid

Analysis Batch: 49473

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

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

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: 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

	LCS	LCS	
Surrogate	%Recovery	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

	LCSD	LCSD	
Surrogate	%Recovery	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

	MS	MS	
Surrogate	%Recovery	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

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	125		70 - 130
o-Terphenyl	104		70 - 130

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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	%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	%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	%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

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: 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

	MS	MS	
Surrogate	%Recovery	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

	MSD	MSD	
Surrogate	%Recovery	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

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: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-26282-1 MSD

Matrix: Solid

Analysis Batch: 49681

Client Sample ID: T-1 (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	8470		2520	11120		mg/Kg		105	90 - 110	0	20

Lab Sample ID: 880-26282-11 MS

Matrix: Solid

Analysis Batch: 49681

Client Sample ID: T-3 (2)

Prep Type: Soluble

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

Matrix: Solid

Analysis Batch: 49681

Client Sample ID: T-3 (2)

Prep Type: Soluble

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

Matrix: Solid

Analysis Batch: 49682

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 00:50	1

Lab Sample ID: LCS 880-49608/2-A

Matrix: Solid

Analysis Batch: 49682

Client Sample ID: Lab Control Sample

Prep Type: Soluble

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

Matrix: Solid

Analysis Batch: 49682

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	267.9		mg/Kg		107	90 - 110	0	20

Lab Sample ID: 880-26282-21 MS

Matrix: Solid

Analysis Batch: 49682

Client Sample ID: T-6 (1.5)

Prep Type: Soluble

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

Matrix: Solid

Analysis Batch: 49682

Client Sample ID: T-6 (1.5)

Prep Type: Soluble

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

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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		

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: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-26282-51 MSD

Matrix: Solid

Analysis Batch: 49756

Client Sample ID: T-14 (2)

Prep Type: Soluble

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

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

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: 880-26282-81 MS

Matrix: Solid

Analysis Batch: 49760

Client Sample ID: T-19 (4)

Prep Type: Soluble

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

Matrix: Solid

Analysis Batch: 49760

Client Sample ID: T-19 (4)

Prep Type: Soluble

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

Matrix: Solid

Analysis Batch: 49763

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 06:29	1

Lab Sample ID: LCS 880-49611/2-A

Matrix: Solid

Analysis Batch: 49763

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	272.3		mg/Kg		109	90 - 110

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: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-49611/3-A

Matrix: Solid

Analysis Batch: 49763

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	272.9		mg/Kg		109	90 - 110	0	20

Lab Sample ID: 880-26282-61 MS

Matrix: Solid

Analysis Batch: 49763

Client Sample ID: T-15 (5)

Prep Type: Soluble

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

Matrix: Solid

Analysis Batch: 49763

Client Sample ID: T-15 (5)

Prep Type: Soluble

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

Matrix: Solid

Analysis Batch: 49763

Client Sample ID: T-17 (5)

Prep Type: Soluble

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

Matrix: Solid

Analysis Batch: 49763

Client Sample ID: T-17 (5)

Prep Type: Soluble

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

Eurofins Midland

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	

Eurofins Midland

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	

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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

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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

Eurofins Midland

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

Eurofins Midland

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	

Eurofins Midland

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	

Eurofins Midland

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	

Eurofins Midland

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	

Eurofins Midland

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

Eurofins Midland

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	

Eurofins Midland

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	

Eurofins Midland

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	

Eurofins Midland

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

Eurofins Midland

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	

Eurofins Midland

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	
LCS 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	

Eurofins Midland

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	

Eurofins Midland

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

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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

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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

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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

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	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

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	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

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	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

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	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

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-2 (0-1)

Lab Sample ID: 880-26282-4

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	03/24/23 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

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			4.97 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

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			4.99 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

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	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

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-2 (3)

Lab Sample ID: 880-26282-7

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
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)

Lab Sample ID: 880-26282-8

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	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)

Lab Sample ID: 880-26282-9

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			4.97 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)

Lab Sample ID: 880-26282-10

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			4.99 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

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-3 (2)

Date Collected: 03/21/23 00:00

Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-11

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 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)

Date Collected: 03/21/23 00:00

Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-12

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 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)

Date Collected: 03/21/23 00:00

Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-13

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 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)

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	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

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-4 (2)

Lab Sample ID: 880-26282-14

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	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)

Lab Sample ID: 880-26282-15

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			4.97 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)

Lab Sample ID: 880-26282-16

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			4.95 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)

Lab Sample ID: 880-26282-17

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	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

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-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

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-6 (1.5)

Date Collected: 03/21/23 00:00

Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-21

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	03/30/23 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)

Date Collected: 03/21/23 00:00

Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-22

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	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)

Date Collected: 03/21/23 00:00

Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-23

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	03/30/23 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)

Date Collected: 03/21/23 00:00

Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-24

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	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

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-7 (1.5)

Lab Sample ID: 880-26282-24

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			10.03 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

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 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

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 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

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	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

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-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

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)

Date Collected: 03/21/23 00:00

Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-28

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 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)

Date Collected: 03/21/23 00:00

Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-29

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 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)

Date Collected: 03/21/23 00:00

Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-30

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	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

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-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

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-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	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)

Date Collected: 03/21/23 00:00

Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-35

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	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)

Date Collected: 03/21/23 00:00

Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-36

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	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)

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
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

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-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
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)

Lab Sample ID: 880-26282-38

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			4.97 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)

Lab Sample ID: 880-26282-39

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			4.95 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)

Lab Sample ID: 880-26282-40

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	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

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-12 (0-1)

Lab Sample ID: 880-26282-41

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			4.97 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

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			4.95 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

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	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

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	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

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-12 (3)

Lab Sample ID: 880-26282-44

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 11:00	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)

Lab Sample ID: 880-26282-45

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	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)

Lab Sample ID: 880-26282-46

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	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)

Lab Sample ID: 880-26282-47

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	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

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-13 (2)

Lab Sample ID: 880-26282-47

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
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)

Lab Sample ID: 880-26282-48

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			4.99 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)

Lab Sample ID: 880-26282-49

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	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)

Lab Sample ID: 880-26282-50

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	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

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 (2)

Lab Sample ID: 880-26282-51

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	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

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			4.97 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

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			4.95 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

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	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

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 11:00	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

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	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

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	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

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			4.99 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

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-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

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-15 (5)

Lab Sample ID: 880-26282-61

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	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

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	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

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	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

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			4.97 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

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-16 (2)

Lab Sample ID: 880-26282-64

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 11:26	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

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			4.95 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

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	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

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	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

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-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

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)

Date Collected: 03/21/23 00:00

Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-68

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	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)

Date Collected: 03/21/23 00:00

Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-69

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 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)

Date Collected: 03/21/23 00:00

Date Received: 03/23/23 11:43

Lab Sample ID: 880-26282-70

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	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

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-17 (5)

Lab Sample ID: 880-26282-71

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	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

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	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

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	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

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			4.99 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

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-18 (2)

Lab Sample ID: 880-26282-74

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 11:26	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)

Lab Sample ID: 880-26282-75

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	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)

Lab Sample ID: 880-26282-76

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			4.97 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)

Lab Sample ID: 880-26282-77

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			4.96 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

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-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

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-19 (4)

Lab Sample ID: 880-26282-81

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			4.99 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)

Lab Sample ID: 880-26282-82

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	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)

Lab Sample ID: 880-26282-83

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	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)

Lab Sample ID: 880-26282-84

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	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

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-20 (1.5)

Lab Sample ID: 880-26282-84

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 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

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	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

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	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

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			4.97 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

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-21 (0-1)

Lab Sample ID: 880-26282-87

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
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)

Lab Sample ID: 880-26282-88

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			4.97 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)

Lab Sample ID: 880-26282-89

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	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)

Lab Sample ID: 880-26282-90

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	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

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

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: 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	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: 880-26282-1
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

Chain of Custody

Work Order No: 20282

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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 ☐ Pertund ☐
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		ANALYSIS REQUEST										Preservative Codes		
Project Number	1219	☐ Routine	☒ Rush												None NO	DI Water H ₂ O		
Project Location	Lea County, New Mexico	Due Date	24 Hours												Cool Cool	MeOH Me		
Sampler's Name	GPJ / MM														HCL HC	HNO ₃ HN		
PO #:															H ₂ SO ₄ H ₂	NaOH Na		
SAMPLE RECEIPT		Temp Blank	Yes ☒ No ☐	Wet Ice	Yes ☒ No ☐											H ₃ PO ₄ HP		
Received Intact:		Yes ☒ No ☐	Thermometer ID													NaHSO ₄ NABIS		
Cooler Custody Seals:		Yes ☒ No ☐	Correction Factor													Na ₂ S ₂ O ₃ NaSO ₃		
Sample Custody Seals:		Yes ☒ No ☐	Temperature Reading													Zn Acetate+NaOH Zn		
Total Containers:			Corrected Temperature													NaOH+Ascorbic Acid SAPC		
Sample Identification		Date	Time	Soil	Water	Grab/ Comp	# of Cont								Sample Comments			
T-1 (0-1)		3/21/2023		X		Grab/	1	X	X	X							yca	
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



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<i>Michael Jones</i>		3-23-23 11:43	<i>[Signature]</i>		

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Work Order No: 210283

4/3/2023

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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

Program: UST/PT ☐ PRP ☐ ROWfields ☐ RRC ☐ perfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐	Deliverables EDD ☐ ADAPT ☐ Other

Project Name	Lacey Swiss 1 Fed Corn 707H	Turn Around	☐ Routine ☒ Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number	1219	Due Date	24 Hours														None NO	DI Water H ₂ O
Project Location	Lea County, New Mexico																Cool Cool	MeOH Me
Sampler's Name	GPJ / MM																HCL HC	HNO ₃ HN
PO #																	H ₂ SO ₄ H ₂	NaOH Na
SAMPLE RECEIPT	Temp Blank	Yes ☒ No ☐	Wet Ice	Gas No													H ₃ PO ₄ HP	
Received Intact	Yes ☒ No ☐	Thermometer ID		126													NaHSO ₄ NABIS	
Cooler Custody Seals	Yes ☒ No ☐	Correction Factor		0.5													Na ₂ S ₂ O ₃ NASO ₃	
Sample Custody Seals	Yes ☒ No ☐	Temperature Reading		2.5													Zn Acetate+NaOH Zn	
Total Containers		Corrected Temperature		2.0													NaOH+Ascorbic Acid SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Parameters												Sample Comments
T-3 (2)	3/21/2023		X		Grab/	1	BTX 8021B												
T-4 (0-1)	3/21/2023		X		Grab/	1	TPH 8015M (GRO + DRO + MRO)												
T-4 (1 5)	3/21/2023		X		Grab/	1	Chloride 300 0												
T-4 (2)	3/21/2023		X		Grab/	1													
T-5 (0-1)	3/21/2023		X		Grab/	1													
T-5 (1 5)	3/21/2023		X		Grab/	1													
T-5 (2)	3/21/2023		X		Grab/	1													
T-5 (3)	3/21/2023		X		Grab/	1													
T-5 (4)	3/21/2023		X		Grab/	1													

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

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Work Order No: 216282

4/3/2023

Project Manager
Company Name
Address
City, State ZIP
Phone

Conner Moehring
Carmona Resources
310 W Wall St Ste 500
Midland, TX 79701
432-813-6823

Bill to (if different)
Company Name
Address
City, State ZIP

Todd Wells
EOG Resources
5509 Champions Dr
Midland, Tx 79706

Email

Todd Wells@eogresources.com

Project Name
Project Number
Project Location
Sampler's Name
PO #

Lacey Swiss 1 Fed Com 707H
1219
Lea County, New Mexico
GRJ / MM

☐ Routine
☒ Rush

Due Date
24 Hours

SAMPLE RECEIPT
Received Intact
Cooler Custody Seals
Sample Custody Seals
Total Containers

Temp Blank
Yes No
Yes No
Yes No
Yes No

Wet Ice
Yes No
Yes No
Yes No
Yes No

Thermometer ID
Correction Factor
Temperature Reading
Corrected Temperature

Parameters
BTX 8021B
TPH 8015M (GRO + DRO + MRO)
Chloride 300 0

ANALYSIS REQUEST

Preservative Codes
None NO
Cool Cool
HCL, HC
H₂SO₄, H₂
H₃PO₄, HP
NaHSO₄, NABIS
Na₂S₂O₃, NaSO₃
Zn Acetate+NaOH Zn
NaOH+Ascorbic Acid SAPC

Work Order Comments
Program: UST/PST
State of Project
Reporting Level II
Deliverables EDD

☐ PRP
☐ Brownfields
☐ JRC
☐ Iperfund
☐ Level III
☐ ST/UST
☐ PRP
☐ Level IV
☐ ADAPT
☐ Other

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	BTX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300 0	ANALYSIS REQUEST	Preservative Codes	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

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Date/Time
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Date/Time

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Work Order No: 202003

4/3/2023

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 10	
Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RC ☐ Refund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐	
Deliverables EDD ☐ ADAPT ☐ Other	

Project Name	Lacey Swiss 1 Fed Com 707H	Turn Around	☐ Routine ☒ Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number	1219	Due Date	24 Hours														None NO	DI Water H ₂ O		
Project Location	Lee County, New Mexico																Cool Cool	MeOH Me		
Sampler's Name	GPJ / MM																HCL HC	HNO ₃ HN		
PO #																	H ₂ SO ₄ H ₂	NaOH Na		
SAMPLE RECEIPT	Temp Blank	Yes ☒ No ☐	Well Ice	Yes ☒ No ☐													H ₃ PO ₄ HP			
Received Intact:	Yes ☒ No ☐	Thermometer ID															NaHSO ₄ NABIS			
Cooler Custody Seals	Yes ☒ No ☐	Correction Factor															Na ₂ S ₂ O ₃ NaSO ₃			
Sample Custody Seals	Yes ☒ No ☐	Temperature Reading															Zn Acetate+NaOH Zn			
Total Containers		Corrected Temperature															NaOH+Ascorbic Acid SAPC			
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													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

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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

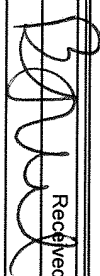
Work Order Comments	
Program. UST/PST	☐ PRP ☐ Brownfields ☐ IBC ☐ Refund
State of Project	
Reporting Level II	☐ Level III ☐ ST/UST ☐ PRP ☐ Level IV
Deliverables	EDD ☐ ADAPT ☐ Other

Work Order No: 20200

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Project Name	Lacey Swiss 1 Fed Com 707H	Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number	1219	☐ Routine	☒ Rush														None NO	DI Water H ₂ O	
Project Location	Lea County, New Mexico	Due Date	24 Hours														Cool Cool	MeOH Me	
Sampler's Name	GPJ / MM																HCL HC	HNO ₃ HN	
PO #																	H ₂ SO ₄ H ₂	NaOH Na	
SAMPLE RECEIPT	Temp Blank	Yes ☒ No ☐	Wet Ice	Yes ☒ No ☐													H ₃ PO ₄ HP		
	Received Intact:	Yes ☒ No ☐	Thermometer ID														NaHSO ₄ NABIS		
	Cooler Custody Seals	Yes ☐ No ☒	Correction Factor														Na ₂ S ₂ O ₃ NaSO ₃		
	Sample Custody Seals	Yes ☐ No ☒	Temperature Reading														Zn Acetate+NaOH Zn		
	Total Containers		Corrected Temperature															NaOH+Ascorbic Acid SAPC	
Sample Identification		Date	Time	Soil	Water	Grab/ Comp	# of Cont											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 / Mccarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

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Chain of Custody

Work Order No: 2102082

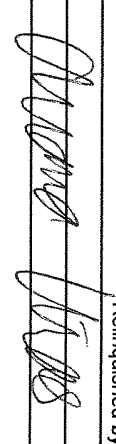
Page 6 of 10

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		Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number	1219	☐ Routine	☒ Rush													None NO	DI Water H ₂ O	
Project Location	Lea County, New Mexico	Due Date	72 Hours													Cool Cool	MeOH Me	
Sampler's Name	GPJ / MM															HCL HC	HNO ₃ HN	
PO #																H ₂ SO ₄ H ₂	NaOH Na	
SAMPLE RECEIPT	Temp Blank	Yes (No)	Wet Ice	Yes (No)												H ₃ PO ₄ HP		
Received Intact:	Yes No	Thermometer ID														NaHSO ₄ NABIS		
Cooler Custody Seals	Yes No	Correction Factor														Na ₂ S ₂ O ₃ NaSO ₃		
Sample Custody Seals	Yes No	Temperature Reading														Zn Acetate+NaOH Zn		
Total Containers		Corrected Temperature														NaOH+Ascorbic Acid SAPC		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											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

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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 ☐ Pertund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐	
Deliverables EDD ☐ ADAPT ☐ Other	

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Work Order No: 20202

Project Name	Lacey Swiss 1 Fed Com 707H	Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes	
		☐ Routine	☒ Rush														None NO	DI Water H ₂ O
Project Number	1219																Cool Cool	MeOH Me
Project Location	Lea County, New Mexico	Due Date		72 Hours													HCL HC	HNO ₃ HN
Sampler's Name	GPJ																H ₂ SO ₄ H ₂	NaOH Na
PO #																	H ₃ PO ₄ HP	
SAMPLE RECEIPT	Temp Blank	Yes ☒ No ☐	Thermometer ID	Yes ☒ No ☐													NaHSO ₄ NABIS	
	Received Intact	Yes ☒ No ☐	Correction Factor	Yes ☒ No ☐													Na ₂ S ₂ O ₃ NaSO ₃	
Cooler Custody Seals	Yes ☒ No ☐	Temperature Reading		23.3													Zn Acetate+NaOH Zn	
Sample Custody Seals	Yes ☒ No ☐	Corrected Temperature		23.0													NaOH+Ascorbic Acid SAPC	
Total Containers																		
Sample Identification		Date	Time	Soil	Water	Grab/ Comp	# of Cont											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

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<i>Carmona</i>		3-23-23	<i>DDW</i>		

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Work Order No: 26282

4/3/2023

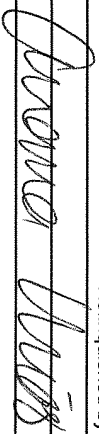
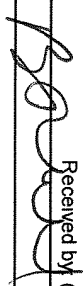
Project Manager	Conner Moehring	Bill to (if different)	Todd Wells
Company Name	Carmona Resources	Company Name	EOG Resources
Address	310 W Wall St Ste 500	Address	5509 Champions Dr
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland Tx 79706
Phone	432-813-6823	Email	Todd Wells@eogresources.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RC ☐ Perturb ☐	
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	ANALYSIS REQUEST										Preservative Codes	
Project Number	1219	☐ Routine ☒ Rush												None NO	DI Water H ₂ O
Project Location	Lea County, New Mexico	Due Date	72 Hours											Cool Cool	MeOH Me
Sampler's Name	GPJ													HCL. HC	HNO ₃ HN
PO #														H ₂ SO ₄ H ₂	NaOH Na
SAMPLE RECEIPT	Temp Blank	Yes	No	Well Ice	Yes	No								H ₃ PO ₄ HP	
Received Intact	Yes	No		Thermometer ID										NaHSO ₄ NABIS	
Cooler Custody Seals	Yes	No		Correction Factor										Na ₂ S ₂ O ₃ NaSO ₃	
Sample Custody Seals	Yes	No		Temperature Reading										Zn Acetate+NaOH Zn	
Total Containers				Corrected Temperature										NaOH+Ascorbic Acid SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Parameters										Sample Comments
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								

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

Relinquished by (Signature)		Date/Time	Received by (Signature)		Date/Time
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Work Order No: 26282

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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 ☐ Refund ☐	
State of Project	
Reporting Level II ☐ Level III ☐ ST/UST ☐ PRP ☐ Level IV ☐	
Deliverables EDD ☐ ADAPT ☐ Other	

Project Name	Lacey Swiss 1 Fed Com 707H	Turn Around		Pres. Code	ANALYSIS REQUEST										Preservative Codes		
Project Number	1219	☐ Routine	☒ Rush												None NO	DI Water H ₂ O	
Project Location	Lea County, New Mexico	Due Date	72 Hours												Cool Cool	MeOH Me	
Sampler's Name	GPJ											HCL HC	HNO ₃ HN				
PO #												H ₂ SO ₄ H ₂	NaOH Na				
SAMPLE RECEIPT		Temp Blank	Yes (No)	Wet Ice	Yes (No)											H ₃ PO ₄ HP	
Received Intact	Yes (No)	Thermometer ID														NaHSO ₄ NABIS	
Cooler Custody Seals	Yes No N/A	Correction Factor														Na ₂ S ₂ O ₃ NASO ₃	
Sample Custody Seals	Yes No N/A	Temperature Reading														Zn Acetate+NaOH Zn	
Total Containers		Corrected Temperature														NaOH+Ascorbic Acid SAPC	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments
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								

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

Relinquished by (Signature)		Date/Time	Received by (Signature)		Date/Time
<i>Conner Moehring</i>		3-23-23 1143	<i>POW</i>		

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Work Order No: 26282

4/3/2023

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	ANALYSIS REQUEST												Preservative Codes	
Project Number	1219	☐ Routine ☒ Rush														None NO	DI Water H ₂ O
Project Location	Lea County, New Mexico	Due Date	72 Hours													Cool Cool	MeOH Me
Sampler's Name	GPJ															HCL HC	HNO ₃ HN
PO #																H ₂ SO ₄ H ₂	NaOH Na
SAMPLE RECEIPT	Temp Blank	Yes ☒ No	Well Ice													H ₃ PO ₄ HP	
Received Intact:	Yes ☒ No	Thermometer ID														NaHSO ₄ NABIS	
Cooler Custody Seals:	Yes ☒ No	Correction Factor														Na ₂ S ₂ O ₃ NaSO ₃	
Sample Custody Seals	Yes ☒ No	Temperature Reading														Zn Acetate+NaOH Zn	
Total Containers:		Corrected Temperature														NaOH+Ascorbic Acid SAPC	
Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont											Sample Comments
T-20 (2)	3/22/2023		X		Grab/	1	X	X	X								Loc: 880
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								26282
T-21 (2)	3/22/2023		X		Grab/	1	X	X	X								
T-21 (3)	3/22/2023		X		Grab/	1	X	X	X								

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

Relinquished by (Signature)		Date/Time	Received by (Signature)		Date/Time
<i>Mike Carmona</i>		3-23-23 11M	<i>BOU</i>		

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-26282-1

SDG Number: Lea County, New Mexico

Login Number: 26282

List Number: 1

List Source: Eurofins Midland

Creator: Rodriguez, Leticia

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	



Environment Testing

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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

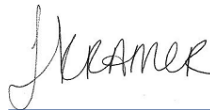
Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

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

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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

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 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
Oil 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

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	<0.00202	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

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-2 (0-0.5)

Lab Sample ID: 880-26283-2

Date Collected: 03/21/23 00:00

Matrix: Solid

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	<0.00404	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)

Lab Sample ID: 880-26283-3

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 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

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-3 (0-0.5)

Lab Sample ID: 880-26283-3

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
Oil 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

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 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
Oil 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

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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

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 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
Oil 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

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 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

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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

Date Collected: 03/21/23 00:00

Matrix: Solid

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
Oil 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

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 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

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-7 (0-0.5)

Lab Sample ID: 880-26283-7

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
Oil 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

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		03/27/23 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
Oil 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

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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

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 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
Oil 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

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 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

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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)

Lab Sample ID: 880-26283-10

Date Collected: 03/21/23 00:00

Matrix: Solid

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	<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)

Lab Sample ID: 880-26283-11

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 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

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-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

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)	<49.9	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

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 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
Oil 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

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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

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 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
Oil 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

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 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

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-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

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
Oil 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

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 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

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-15 (0-0.5)

Lab Sample ID: 880-26283-15

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
Oil 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

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 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
Oil 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

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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)

Lab Sample ID: 880-26283-17

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 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
Oil 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

Eurofins Midland

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

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Surrogate Summary

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)

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

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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

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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

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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)

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	114		70 - 130

Lab Sample ID: 880-26283-11 MS

Matrix: Solid

Analysis Batch: 49711

Client Sample ID: H-11 (0-0.5)

Prep Type: Total/NA

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

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: 880-26283-11 MSD

Matrix: Solid

Analysis Batch: 49711

Client Sample ID: H-11 (0-0.5)

Prep Type: Total/NA

Prep Batch: 49588

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	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

	MSD	MSD	
Surrogate	%Recovery	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

Matrix: Solid

Analysis Batch: 49557

Client Sample ID: Method Blank

Prep Type: Total/NA

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
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/27/23 12:41	03/27/23 20:02	1

	MB	MB							
Surrogate	%Recovery	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			

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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	LCS	LCS				%Rec		
			Added	Result	Qualifier	Unit	D	%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		
		LCS	LCS								
Surrogate	%Recovery	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	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	RPD
			Added	Result	Qualifier			Limits	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	LCSD	Limits								
	%Recovery	Qualifier									
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	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits		
	Result	Qualifier	Added	Result	Qualifier							
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	MS										
	%Recovery	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

	Sample	Sample	Spike	MSD	MSD			%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F2	999	845.1	F2	mg/Kg		82	70 - 130	32
Diesel Range Organics (Over C10-C28)	<49.9	U	999	951.7		mg/Kg		95	70 - 130	9

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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

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -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

	MB	MB								
Analyte	Result	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

			Spike	LCS	LCS				%Rec	
Analyte			Added	Result	Qualifier	Unit	D	%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

			Spike	LCSD	LCSD				%Rec		RPD
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	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

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%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

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	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

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Chloride	<5.00	U	5.00		mg/Kg			03/28/23 01:58		1

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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

Eurofins Midland

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

Eurofins Midland

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	

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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	

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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

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			4.97 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

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			4.95 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

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	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

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	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

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-4 (0-0.5)

Lab Sample ID: 880-26283-4

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			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

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	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

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			4.97 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

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			4.99 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

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
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

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	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

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	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

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			4.97 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

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-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)

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	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)

Lab Sample ID: 880-26283-15

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			4.97 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)

Lab Sample ID: 880-26283-16

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			4.99 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)

Lab Sample ID: 880-26283-17

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 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

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-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

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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	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: 880-26283-1
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

Chain of Custody

Work Order No: 210283

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 ☐ RC ☐ Deepfund ☐	
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	Pres. Code	ANALYSIS REQUEST										Preservative Codes			
Project Number	1219	Due Date	72 Hours													None NO	DI Water H ₂ O	
Project Location	Lea County, New Mexico															Cool Cool	MeOH Me	
Sampler's Name	GPJ / MM															HCL HC	HNO ₃ HN	
PO #:																H ₂ SO ₄ H ₂	NaOH Na	
SAMPLE RECEIPT	Temp Blank: Yes ☒ No ☐	Yes ☒ No ☐	Wet Ice: Yes ☒ No ☐													H ₃ PO ₄ HP		
Received Intact:	Yes ☒ No ☐	Thermometer ID														NaHSO ₄ NABIS		
Cooler Custody Seals	Yes ☒ No ☐	Correction Factor														Na ₂ S ₂ O ₃ NaSO ₃		
Sample Custody Seals	Yes ☒ No ☐	Temperature Reading														Zn Acetate+NaOH Zn		
Total Containers		Corrected Temperature														NaOH+Ascorbic Acid SAPC		
Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Parameters										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									

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



Relinquished by (Signature)		Date/Time	Received by (Signature)		Date/Time
<i>Michael Mues</i>		3-23-23 11:45	<i>[Signature]</i>		

Chain of Custody

Work Order No: 20203

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/PT	☐ RP	☐ Crownfields	☐ RC	☐ perfund
State of Project.				
Reporting Level II	☐ Level III	☐ ST/UST	☐ RRP	☐ Level IV
Deliverables EDD	☐	ADAPT	☐	Other

[illegible]

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		

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-26283-1

SDG Number: Lea County, New Mexico

Login Number: 26283

List Number: 1

List Source: Eurofins Midland

Creator: Rodriguez, Leticia

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	

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 230179

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