



SITE INFORMATION

Deferral Report
Salado Draw 19 CTB and CS
Incident #: NAPP2504520395
Lea County, New Mexico
Unit L Sec 19 T26S R33E
32.035185°, -103.616823°

Produced Water Release
Point of Release: Equipment failure from flow line
Release Date: 02.13.2025
Volume Released: 48 Barrels of Produced Water
Volume Recovered: 0 Barrels of Produced Water

CARMONA RESOURCES



Prepared for:
Chevron U.S.A., Inc.
6301 Deauville Blvd
Midland, Texas 79706

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



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April 23, 2025

Mike Bratcher
District Supervisor
Oil Conservation Division, District 2
811 S. First Street
Artesia, New Mexico 88210

Re: Deferral Report
Salado Draw 19 CTB and CS (02.13.2025)
Incident ID: nAPP2504520395
Chevron U.S.A., Inc.
Site Location: Unit L, S19, T26S, R33E
(Lat 32.035185°, Long -103.616823°)
Lea County, New Mexico

Mr. Bratcher:

On behalf of Chevron U.S.A., Inc. (Chevron), Carmona Resources, LLC has prepared this letter to document site assessment and remediation activities for the Salado Draw 19 CTB and CS. The site is located at 32.035185°, -103.616823° within Unit L, S19, T26S, 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 District (NMOCD), the release was discovered on February 13, 2025, due to equipment failure at a water corridor line. It resulted in approximately forty-eight (48) barrels of produced water to be released, with zero (0) barrels of produced water recovered. The Initial C-141 is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a medium karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there is one known water source within a 0.50-mile radius of the location. The nearest groundwater determination bore is located approximately 0.38 miles Southeast of the site in S19, T26S, R33E and was drilled in 2020. The well was drilled to a depth of 70.12' below ground surface (ft bgs) and did not have any evidence of groundwater being present. A copy of the associated Summary report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

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

4.0 Site Assessment Activities

Initial Assessment

Between March 6, 2025, and March 10, 2025, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of six (6) trench samples (T-1 through T-6), and eleven (11) horizontal sample points (H-1 through H-11) were installed to total depths ranging from surface to 5' bgs inside and surrounding the release area. 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.

Vertical Delineation

Vertical delineation was achieved in all areas for Benzene, total BTEX, TPH, and Chloride concentrations. Refer to Table 1.

Horizontal Delineation

Horizontal delineation was achieved in all areas for Benzene, total BTEX, TPH, and Chloride concentrations. Refer to Table 1.

5.0 Remediation Activities

Beginning on April 7, 2025, Carmona Resources personnel were onsite to supervise the remediation activities, collect confirmation samples, and document backfill activities. On April 11, 2025, Carmona Resources contacted NMOCD requesting a sampling variance to NMAC 19.15.29.12.D.1.A. This request was made due to an oversight regarding the sampling notification, which had not been submitted, despite several samples having already been submitted. The notification and approved variance are attached in Appendix C. The area of T-1 & T-2, represented by an area of approximately 3,046 square feet (sqft), was excavated to a depth of 1.5' bgs. The area of T-3, represented by an area of approximately 2,027 sq ft, was excavated to a depth of 4.5' bgs. The area of T-6, represented by an area of approximately 807 sq ft, was excavated to a depth of 4.5' bgs. A total of thirty-five (35) confirmation floor samples were collected (CS-1 through CS-35), and eighteen (18) sidewall samples (SW-1 through SW-18) were collected every 200 square feet to ensure the proper removal of the contaminated soils. 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 Cardinal Laboratories in Hobbs, New Mexico. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and Chloride by EPA method 4500. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figures 4A and 4D.

All final confirmation samples were below the regulatory requirements for Benzene, total BTEX, TPH, and Chloride concentrations. Refer to Table 2.

Deferment Area

Due to safety concerns surrounding pipeline riser structural supports, a 1'-2' buffer zone will be deferred per NMAC 19.15.29.12.C.2. Removing soil within that buffer zone could potentially cause structural instability and might result in additional releases in the future, as backfill material can shift and settle over time. Additionally, a major facility deconstruction of the buried pipelines and riser would have to take place to remove the small area of impact remaining in place. The deferred areas are defined by the following composite deferral sidewall samples: DF-1 through DF-14. Approximately 288 sqft, 48 cubic yards of contamination was left in place under the pipeline risers. Refer to Table 3, and Figure 5.

Before the excavation was backfilled, a composite sample of the backfill material was collected on April 11, 2025, to ensure the material was clean per NMOCD standards. The backfill material was sourced from the Rattlesnake Pit located at 32.026201°, -103.681488°. Refer to Table 2. Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 5,880 sqft of contamination was remediated, resulting in 750 cubic yards of material excavated and transported offsite for proper disposal.



6.0 Conclusions

Based on the area, safety, and active pipelines, Chevron requests to defer the chloride impact surrounding the pipeline riser structural supports. The site has been fully delineated by way of composite confirmation sidewall samples and composite deferral sidewall samples during remediation activities to satisfy the requirements of 19.15.29.12.C.2 NMAC. Remediation of the deferred area will be completed during abandonment activities or when pipelines are removed, whichever comes first, removing approximately 48 cubic yards of material. Reclamation of the entire 6,168 sqft (5,880 sqft + 288 sqft) of the previously impacted area will take place at that time. If you have any questions regarding this report or need additional information, please contact us at 432-813-8988.

Sincerely,
Carmona Resources, LLC

Ashton Thielke
Environmental Manager

Gilbert Priego
Project Manager

Riley Plogger
Project Manager

FIGURES

CARMONA RESOURCES

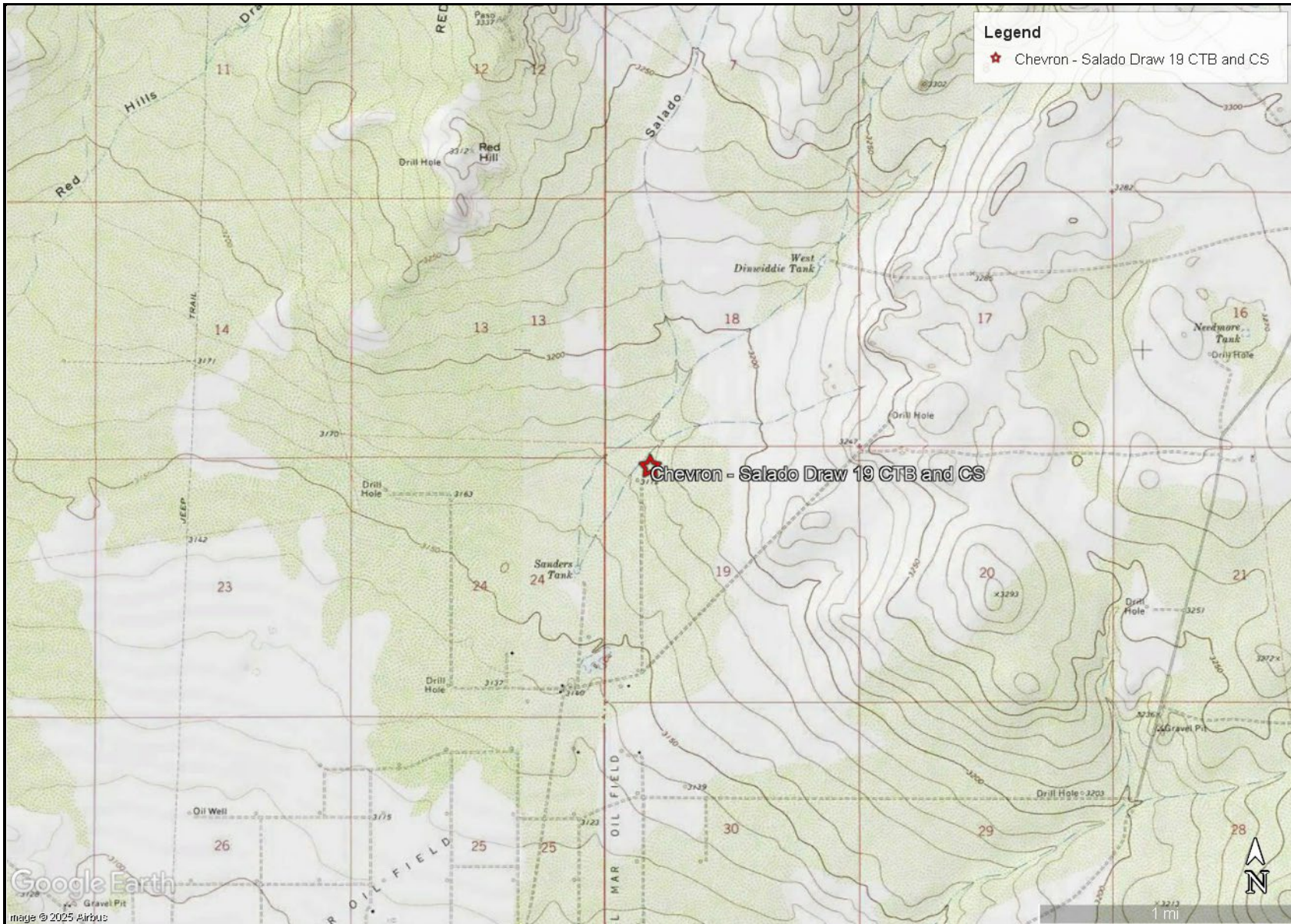




SITE OVERVIEW MAP
CHEVRON U.S.A., INC.
SALADO DRAW 19 CTB AND CS (02.13.2025)
LEA COUNTY, NEW MEXICO
32.035185°, -103.616823°



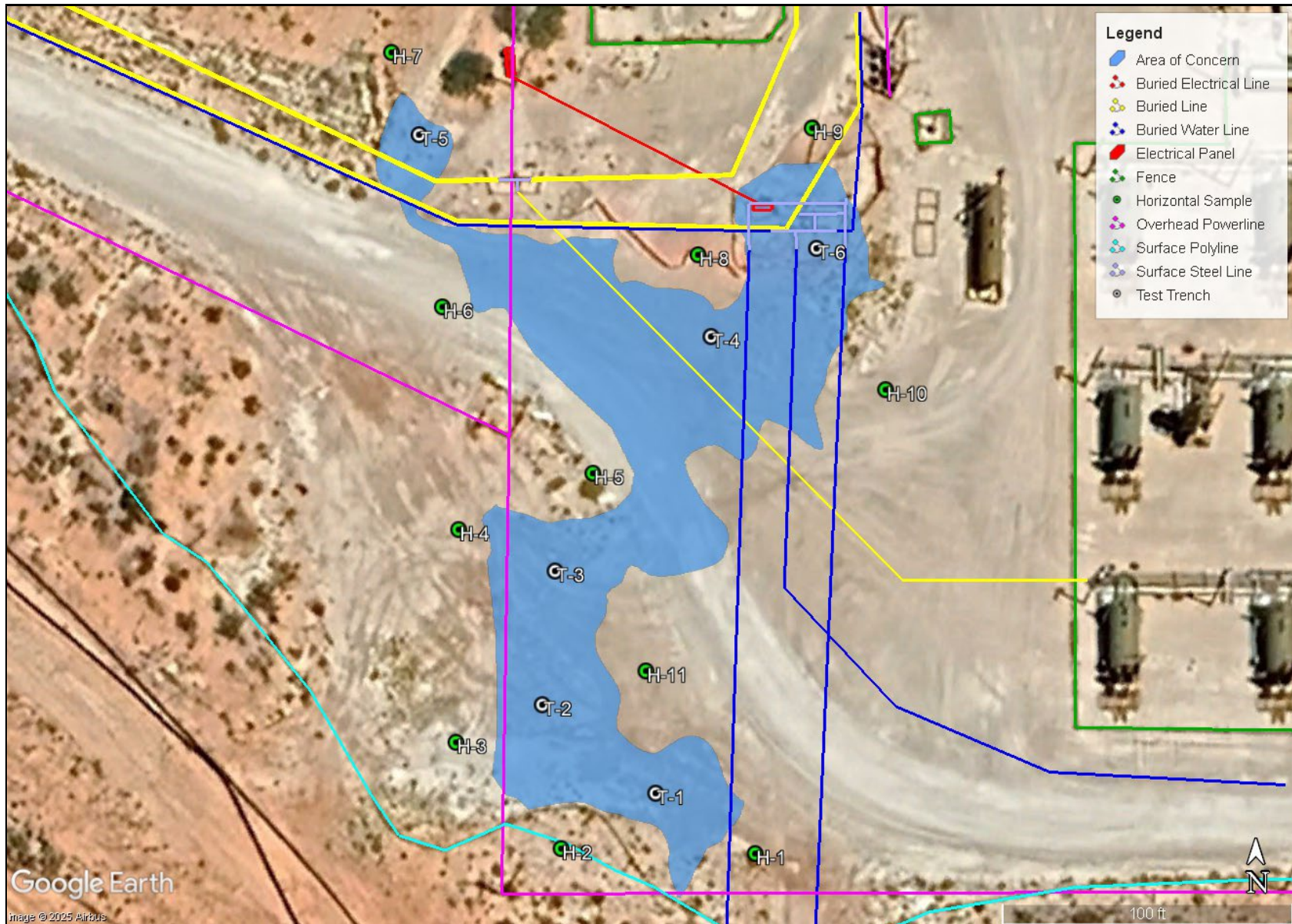
FIGURE 1




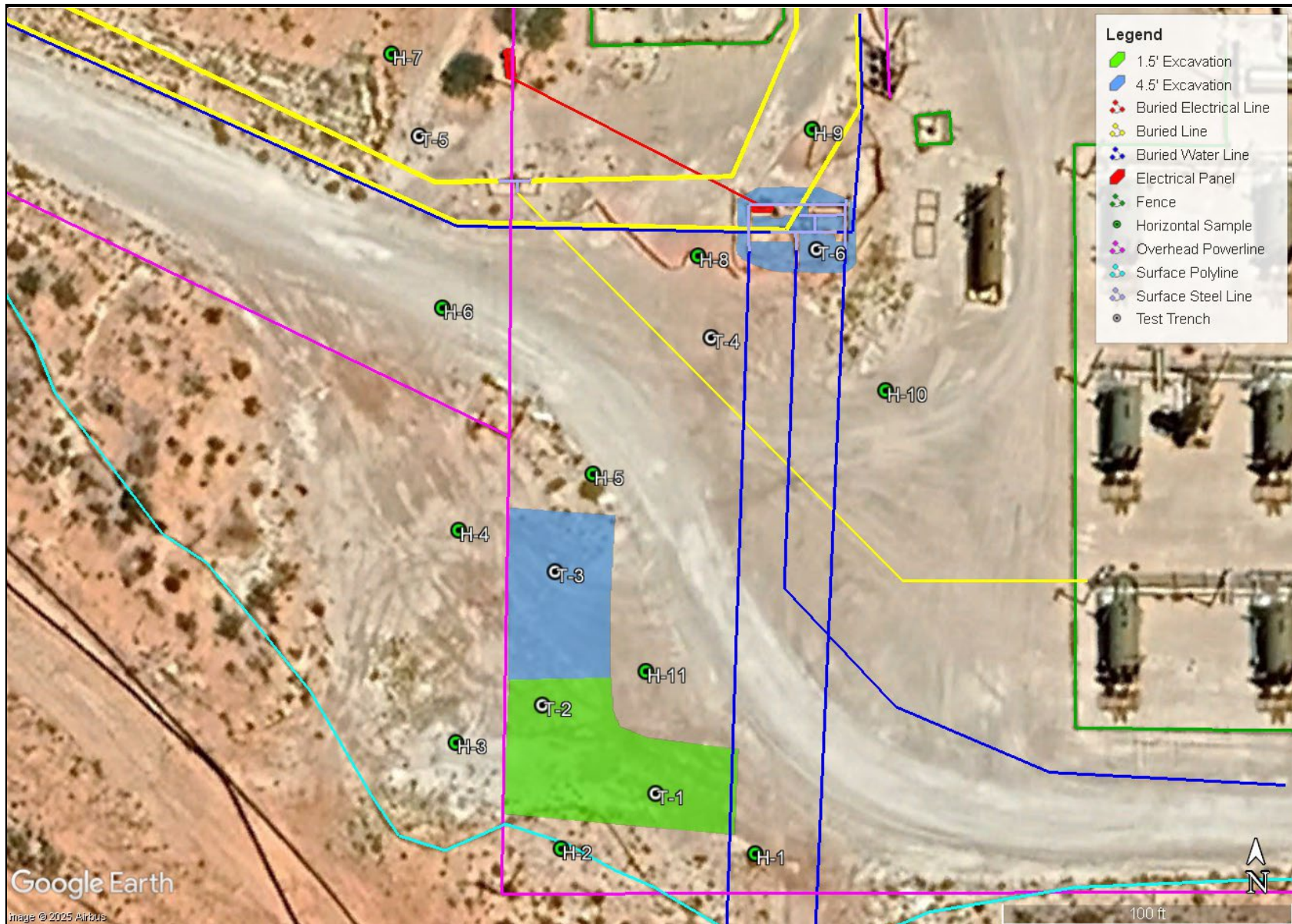
TOPOGRAPHIC MAP
CHEVRON U.S.A., INC.
SALADO DRAW 19 CTB AND CS (02.13.2025)
LEA COUNTY, NEW MEXICO
32.035185°, -103.616823°



FIGURE 2



<p>SAMPLE LOCATION MAP CHEVRON U.S.A., INC. SALADO DRAW 19 CTB AND CS (02.13.2025) LEA COUNTY, NEW MEXICO 32.035185°, -103.616823°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 3</p>
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EXCAVATION DEPTH OVERVIEW MAP
CHEVRON U.S.A., INC.
SALADO DRAW 19 CTB AND CS (02.13.2025)
LEA COUNTY, NEW MEXICO
32.035185°, -103.616823°

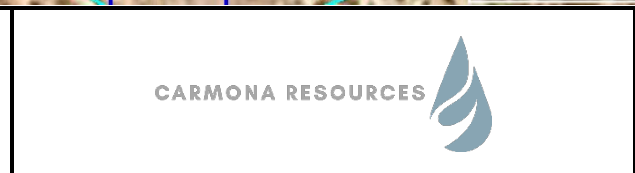
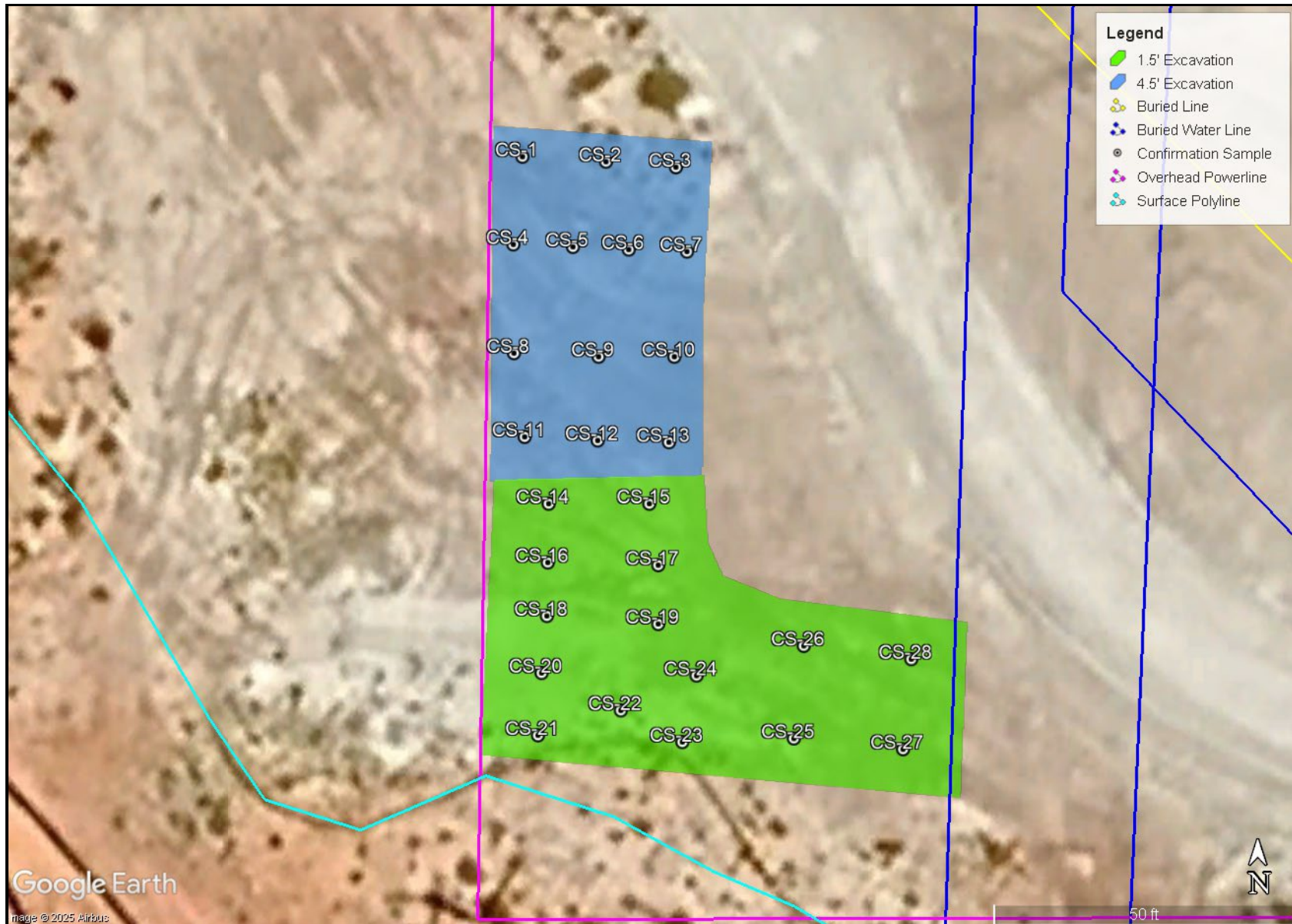

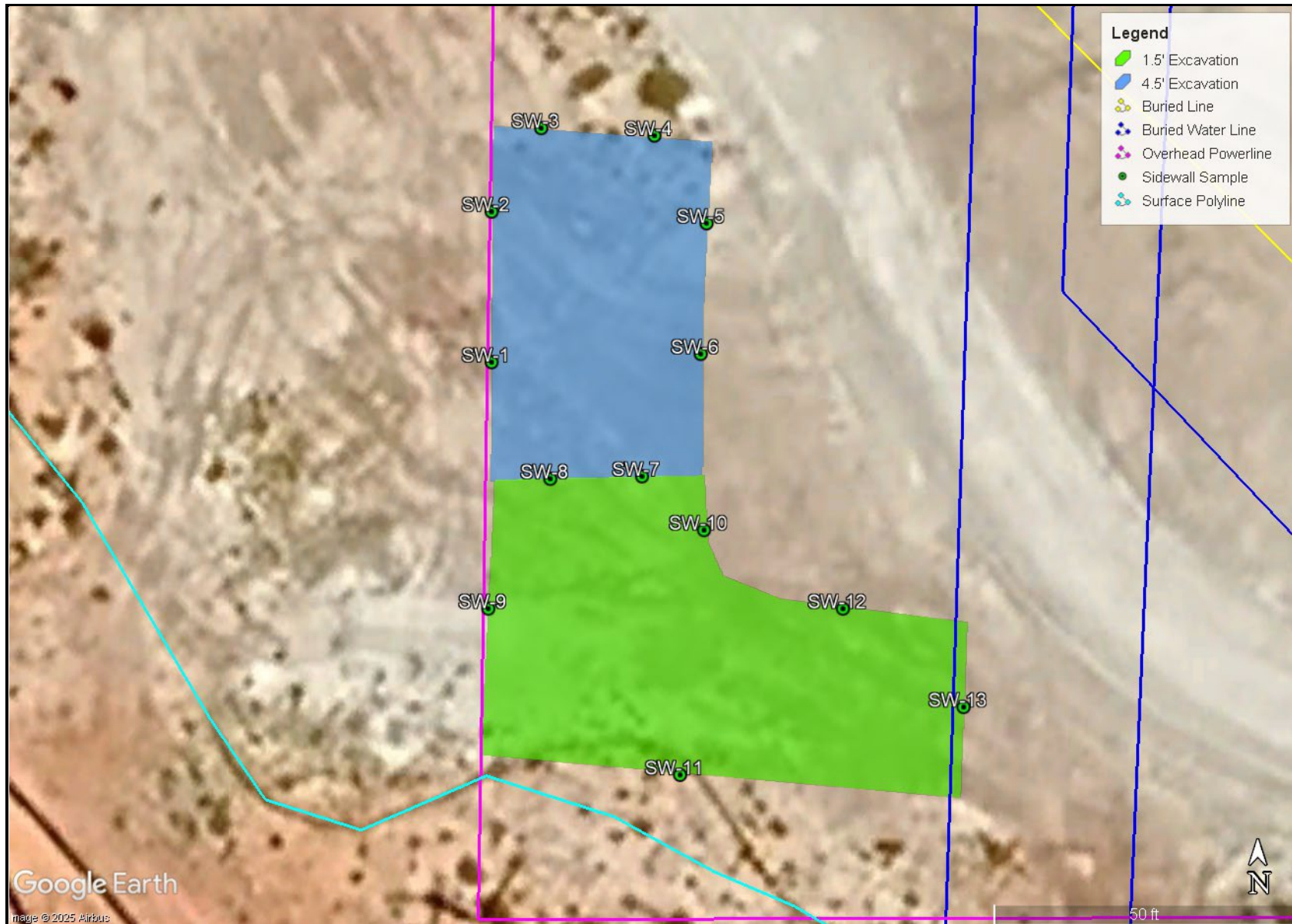



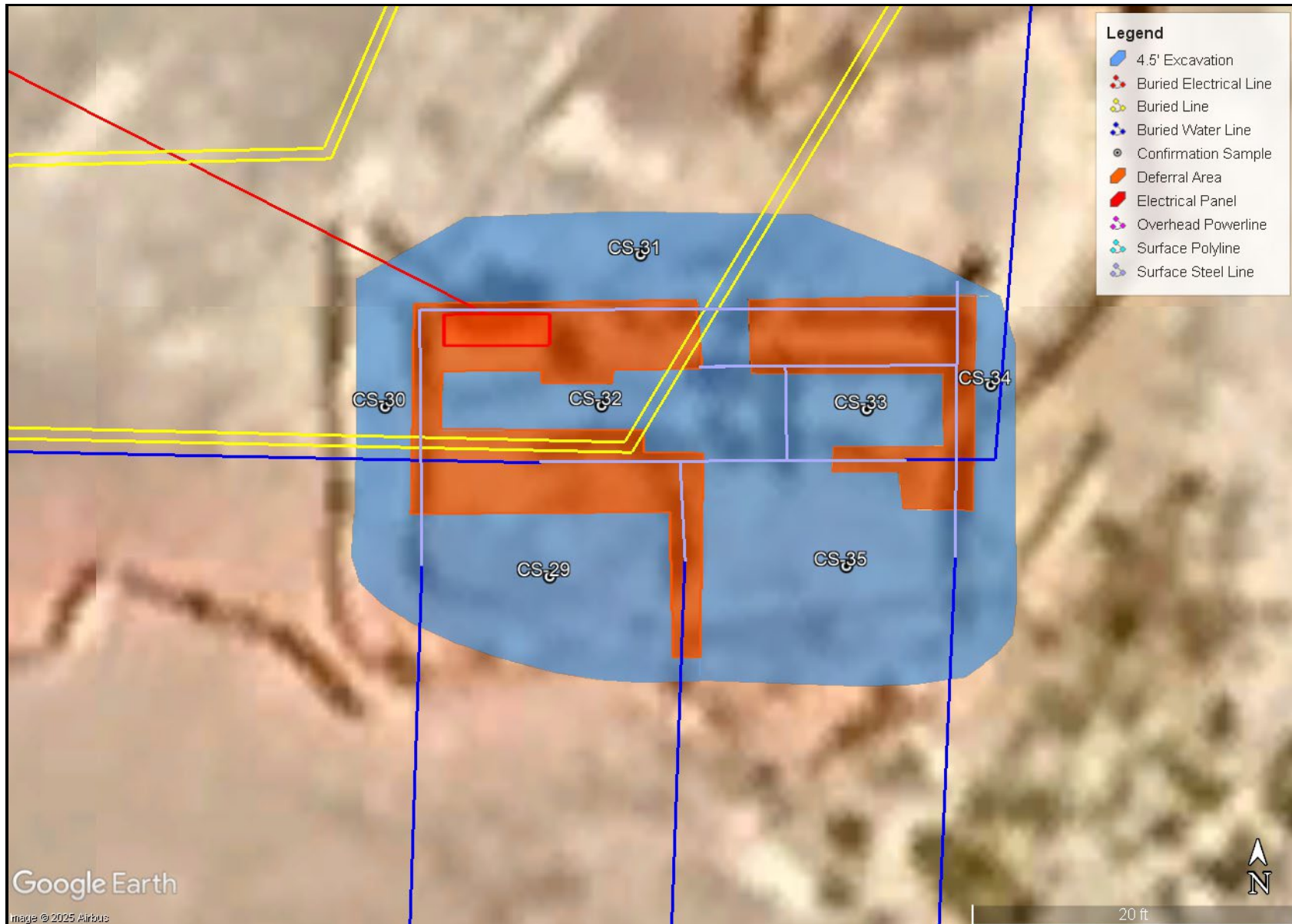
FIGURE 4




<p>EXCAVATION DEPTH MAP CHEVRON U.S.A., INC. SALADO DRAW 19 CTB AND CS (02.13.2025) LEA COUNTY, NEW MEXICO 32.035185°, -103.616823°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 4A</p>
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<p>EXCAVATION DEPTH MAP CHEVRON U.S.A., INC. SALADO DRAW 19 CTB AND CS (02.13.2025) LEA COUNTY, NEW MEXICO 32.035185°, -103.616823°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 4B</p>
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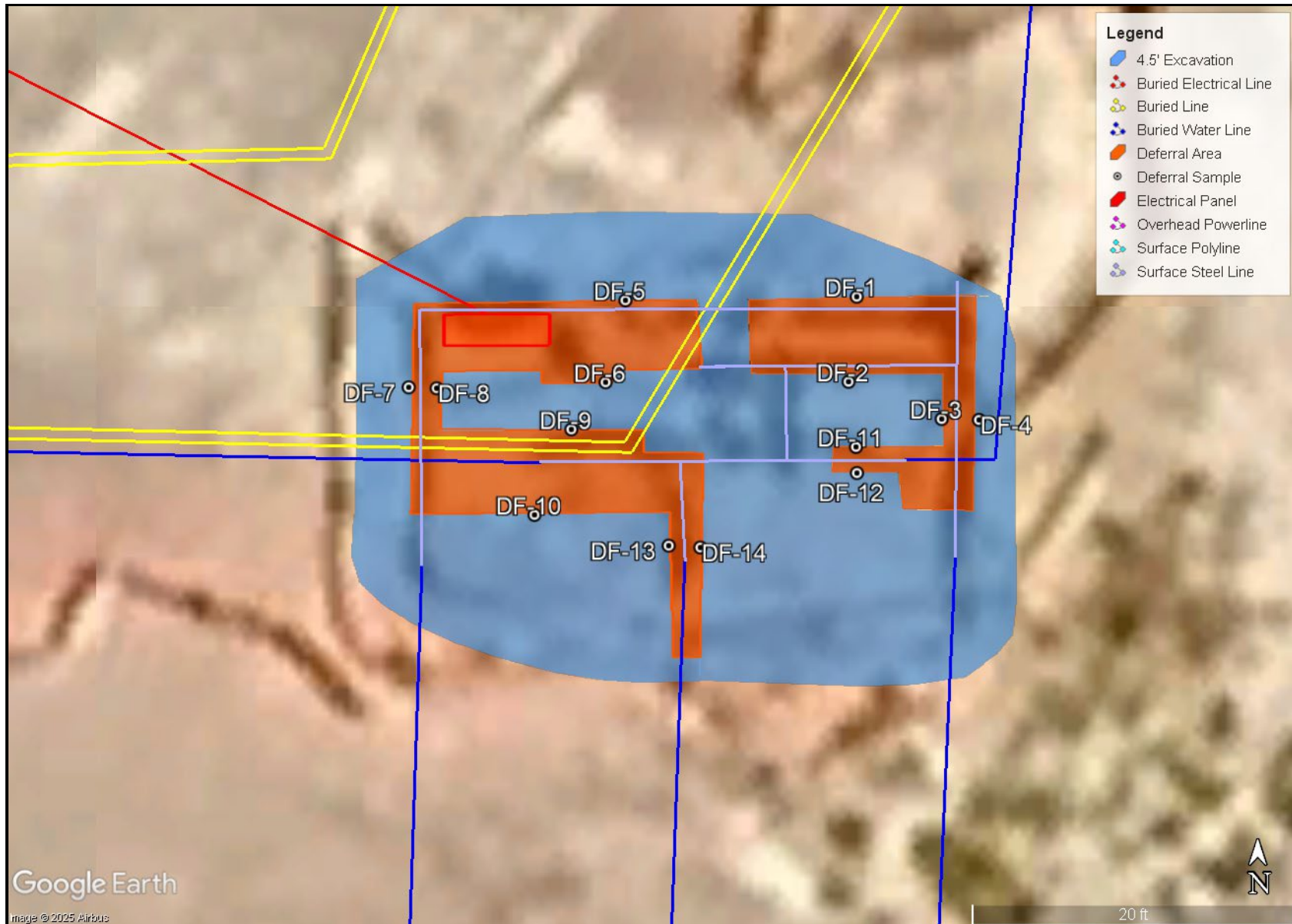
Google Earth
image © 2025 Airbus

<p>EXCAVATION DEPTH MAP CHEVRON U.S.A., INC. SALADO DRAW 19 CTB AND CS (02.13.2025) LEA COUNTY, NEW MEXICO 32.035185°, -103.616823°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 4C</p>
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Google Earth
image © 2025 Airbus

<p>EXCAVATION DEPTH MAP CHEVRON U.S.A., INC. SALADO DRAW 19 CTB AND CS (02.13.2025) LEA COUNTY, NEW MEXICO 32.035185°, -103.616823°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 4D</p>
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Google Earth
image © 2025 Airbus

<p>DEFERRAL AREA MAP CHEVRON U.S.A., INC. SALADO DRAW 19 CTB AND CS (02.13.2025) LEA COUNTY, NEW MEXICO 32.035185°, -103.616823°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 5</p>
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APPENDIX A

CARMONA RESOURCES



Table 1
Chevron U.S.A., Inc.
Salado Draw 19 CTB and CS (02.13.2025)
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	3/10/2025	0-1.0'	<49.9	3,650	<49.9	3,650	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	218
	"	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	168
	"	2.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	141
	"	3.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	149
	"	4.0'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	149
T-2	3/6/2025	0-1.0'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	2,730
	"	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	129
	"	2.0'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	160
	"	3.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	114
	"	4.0'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	67.1
T-3	3/6/2025	0-1.0'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	4,030
	"	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	118
	"	2.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	109
	"	3.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	79.5
	"	4.0'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	881
	"	5.0'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<9.94
T-4	3/10/2025	0-1.0'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	298
	"	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	189
	"	2.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	313
	"	3.0'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	124
	"	4.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	150
T-5	3/10/2025	0-1'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	126
	"	1.5'	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	122
	"	2.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	119
	"	3.0'	<49.8	<49.8	<49.8	<49.8	0.0196	0.0152	0.00286	0.00970	0.0474	23.6
	"	4.0'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	220
T-6	3/6/2025	0-1'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	3,120
	"	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	271
	"	2.0'	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	202
	"	3.0'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	629
	"	4.0'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	199
Regulatory Criteria^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

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

TPH - Total Petroleum Hydrocarbons
ft - feet

(T) Test Trench

Removed

Table 1
Chevron U.S.A., Inc.
Salado Draw 19 CTB and CS (02.13.2025)
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	3/7/2025	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	61.6
H-2	3/7/2025	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<9.94
H-3	3/7/2025	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	10.4
H-4	3/7/2025	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	32.6
H-5	3/7/2025	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	87.1
H-6	3/7/2025	0-0.5'	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<9.96
H-7	3/7/2025	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	46.6
H-8	3/7/2025	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	397
H-9	3/7/2025	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	163
H-10	3/7/2025	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	96.5
H-11	3/7/2025	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	96.1
<i>Regulatory Criteria^A</i>						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed
^A - Table 1 - 19.15.29 NMAC
 mg/kg - milligram per kilogram
 TPH - Total Petroleum Hydrocarbons
 ft - feet
 (H) Horizontal Point

Table 2
Chevron U.S.A., Inc.
Salado Draw 19 CTB and CS (02.13.2025)
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						
CS-1	4/10/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-2	4/10/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-3	4/10/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-4	4/10/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-5	4/10/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-6	4/10/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-7	4/10/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-8	4/10/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-9	4/10/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-10	4/10/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-11	4/10/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-12	4/10/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-13	4/10/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-14	4/10/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-15	4/10/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-16	4/10/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-17	4/10/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
Regulatory Criteria^A						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

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

Table 2
Chevron U.S.A., Inc.
Salado Draw 19 CTB and CS (02.13.2025)
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						
CS-18	4/10/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-19	4/10/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-20	4/10/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-21	4/10/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-22	4/10/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-23	4/10/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-24	4/10/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-25	4/10/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-26	4/10/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-27	4/10/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-28	4/10/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-29	4/11/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-30	4/11/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-31	4/11/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-32	4/15/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-33	4/15/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-34	4/15/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-35	4/16/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
Regulatory Criteria^A						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

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

Table 2
Chevron U.S.A., Inc.
Salado Draw 19 CTB and CS (02.13.2025)
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						
SW-1	4/10/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-2	4/10/2025	4.5'	<10.0	19.0	<10.0	19.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-3	4/10/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-4	4/10/2025	4.5'	<10.0	10.1	<10.0	10.1	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-5	4/10/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-6	4/10/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-7	4/10/2025	1.5' - 4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-8	4/10/2025	1.5' - 4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-9	4/10/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-10	4/10/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-11	4/10/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-12	4/10/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-13	4/10/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-14	4/11/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
SW-15	4/11/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
SW-16	4/11/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
SW-17	4/15/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
SW-18	4/16/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
Backfill Sample	4/11/2025	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
<i>Regulatory Criteria^A</i>						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

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

Table 3
Chevron U.S.A., Inc.
Salado Draw 19 CTB and CS (02.13.2025)
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						
DF-1	4/10/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	6,960
DF-2	4/10/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	7,200
DF-3	4/10/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	6,640
DF-4	4/10/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	6,000
DF-5	4/10/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	5,120
DF-6	4/10/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	6,240
DF-7	4/10/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,640
DF-8	4/10/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,920
DF-9	4/10/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,880
DF-10	4/10/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,840
DF-11	4/10/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	7,360
DF-12	4/10/2025	4.5'	<10.0	142	22.4	164	<0.050	<0.050	<0.050	<0.150	<0.300	4,560
DF-13	4/10/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,920
DF-14	4/11/2025	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,680
<i>Regulatory Criteria^A</i>						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(DF) Deferral Sample

Deferral Area

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Chevron U.S.A., Inc.

Photograph No. 1

Facility: Salado Draw 19 CTB and CS

County: Lea County, New Mexico

Description:
View Southeast, area of T-1 @ 1.5'



Photograph No. 2

Facility: Salado Draw 19 CTB and CS

County: Lea County, New Mexico

Description:
View East, area of T-1 @ 1.5'



Photograph No. 3

Facility: Salado Draw 19 CTB and CS

County: Lea County, New Mexico

Description:
View Southwest, area of T-1 @ 1.5'



PHOTOGRAPHIC LOG

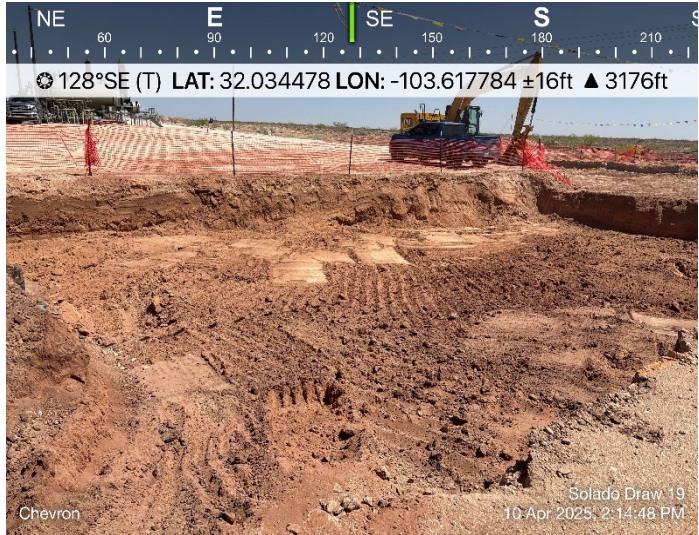
Chevron U.S.A., Inc.

Photograph No. 4

Facility: Salado Draw 19 CTB and CS

County: Lea County, New Mexico

Description:
View Southeast, area of T-3 @ 4.5'



Photograph No. 5

Facility: Salado Draw 19 CTB and CS

County: Lea County, New Mexico

Description:
View Southeast, area of T-3 @ 4.5'

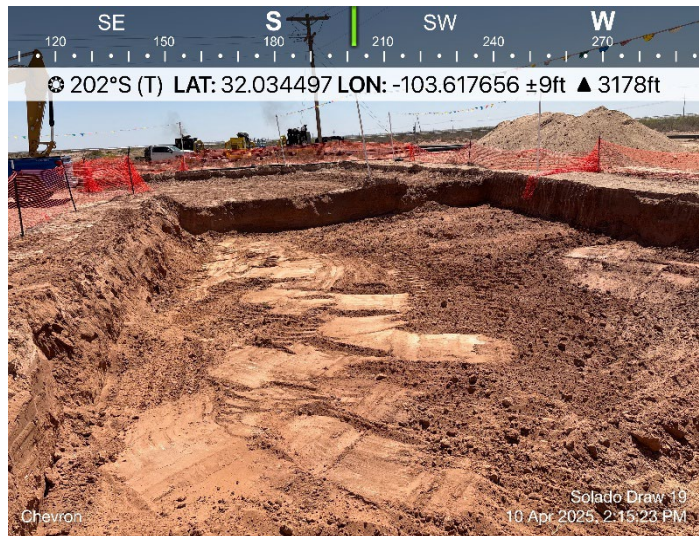


Photograph No. 6

Facility: Salado Draw 19 CTB and CS

County: Lea County, New Mexico

Description:
View South, area of T-3 @ 4.5'



PHOTOGRAPHIC LOG

Chevron U.S.A., Inc.

Photograph No. 7

Facility: Salado Draw 19 CTB and CS

County: Lea County, New Mexico

Description:
View Southwest, Backfill area of T-1 and 3



Photograph No. 8

Facility: Salado Draw 19 CTB and CS

County: Lea County, New Mexico

Description:
View Southwest, Backfill area of T-1 and 3



Photograph No. 9

Facility: Salado Draw 19 CTB and CS

County: Lea County, New Mexico

Description:
View Southwest, Backfill area of T-1 and 3



PHOTOGRAPHIC LOG

Chevron U.S.A., Inc.

Photograph No. 10

Facility: Salado Draw 19 CTB and CS

County: Lea County, New Mexico

Description:
View Northwest, Backfill area of T-1 and 3



Photograph No. 11

Facility: Salado Draw 19 CTB and CS

County: Lea County, New Mexico

Description:
View Southeast, Backfill area of T-1



Photograph No. 12

Facility: Salado Draw 19 CTB and CS

County: Lea County, New Mexico

Description:
View West, Hydrovac area around riser



PHOTOGRAPHIC LOG

Chevron U.S.A., Inc.

Photograph No. 13

Facility: Salado Draw 19 CTB and CS

County: Lea County, New Mexico

Description:
View West, Hydrovac area around riser



Photograph No. 14

Facility: Salado Draw 19 CTB and CS

County: Lea County, New Mexico

Description:
View North, Hydrovac area around riser



Photograph No. 15

Facility: Salado Draw 19 CTB and CS

County: Lea County, New Mexico

Description:
View Northwest, Hydrovac area around riser



PHOTOGRAPHIC LOG

Chevron U.S.A., Inc.

Photograph No. 16

Facility: Salado Draw 19 CTB and CS

County: Lea County, New Mexico

Description:
View South, Hydrovac area around riser

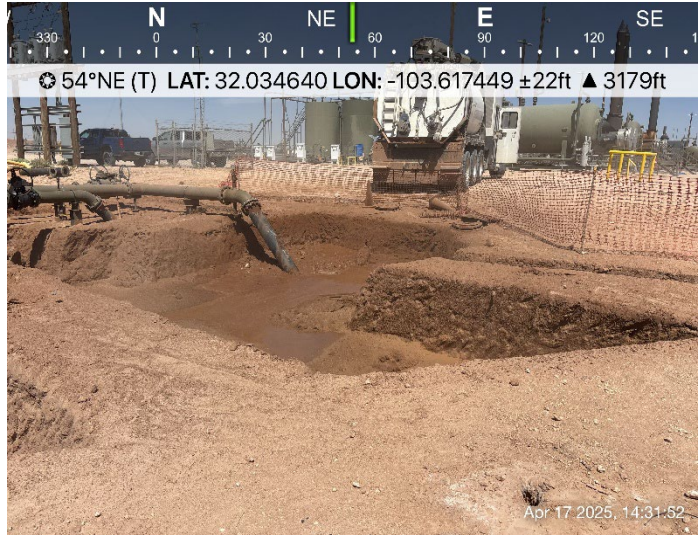


Photograph No. 17

Facility: Salado Draw 19 CTB and CS

County: Lea County, New Mexico

Description:
View Northeast, Hydrovac area around riser



Photograph No. 18

Facility: Salado Draw 19 CTB and CS

County: Lea County, New Mexico

Description:
View West, Hydrovac area around riser



PHOTOGRAPHIC LOG

Chevron U.S.A., Inc.

Photograph No. 19

Facility: Salado Draw 19 CTB and CS

County: Lea County, New Mexico

Description:
View East, Hydrovac area around riser



Photograph No. 20

Facility: Salado Draw 19 CTB and CS

County: Lea County, New Mexico

Description:
View Southeast, Hydrovac area around riser

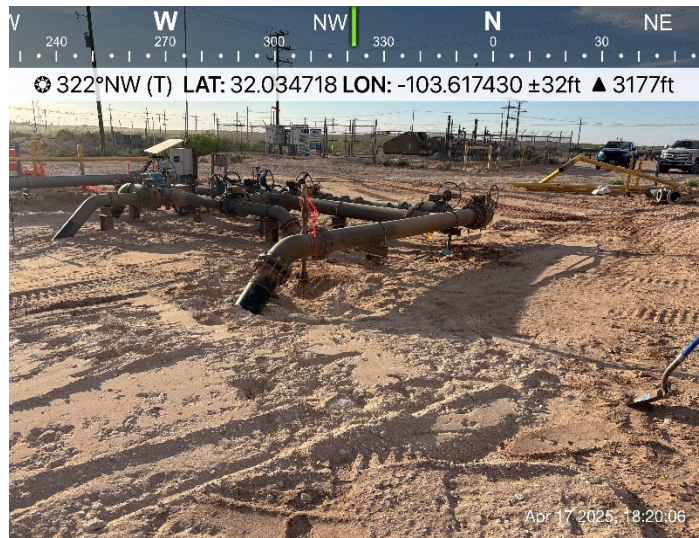


Photograph No. 21

Facility: Salado Draw 19 CTB and CS

County: Lea County, New Mexico

Description:
View Northwest, Backfilled area around riser



PHOTOGRAPHIC LOG

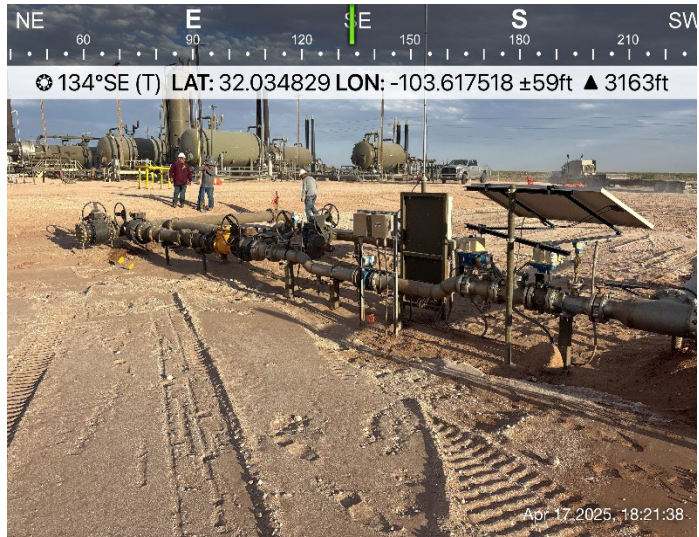
Chevron U.S.A., Inc.

Photograph No. 22

Facility: Salado Draw 19 CTB and CS

County: Lea County, New Mexico

Description:
View Southeast, Backfilled area around riser

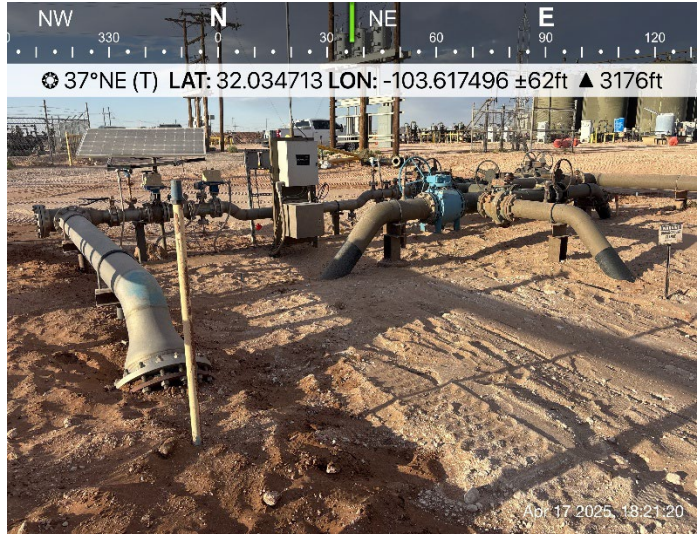


Photograph No. 23

Facility: Salado Draw 19 CTB and CS

County: Lea County, New Mexico

Description:
View Northeast, Backfilled area around riser

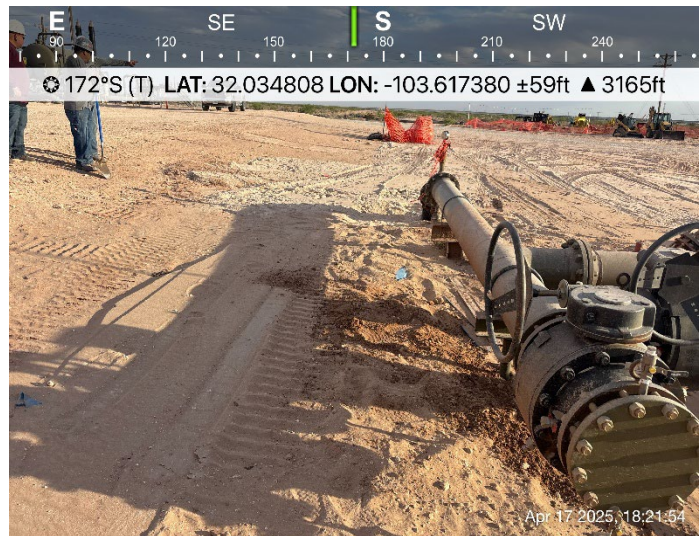


Photograph No. 24

Facility: Salado Draw 19 CTB and CS

County: Lea County, New Mexico

Description:
View South, Backfilled area around riser



APPENDIX C

CARMONA RESOURCES



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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 432075

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 432075
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	Salado Draw 19 CTB and CS
Date Release Discovered	02/13/2025
Surface Owner	Federal

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

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Flow Line - Production Produced Water Released: 48 BBL Recovered: 0 BBL Lost: 48 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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

QUESTIONS, Page 2

Action 432075

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 432075
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

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

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

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

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

ACKNOWLEDGMENTS

Action 432075

ACKNOWLEDGMENTS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 432075
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
<input checked="" type="checkbox"/>	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
<input checked="" type="checkbox"/>	I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	I acknowledge the fact that the acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment.
<input checked="" type="checkbox"/>	I acknowledge the fact that, in addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

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

CONDITIONS

Action 432075

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 432075
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
branes	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	2/14/2025

	Length (feet)	Width (feet)	Above grade Depth (in)	Below grade Depth (in)	Water Cut (%)	Barrels Water	Barrels Oil
Area 1	70	44	0	0.125	100	0.857	
Area 2	79	39	0	0.125	100	0.857	
Area 3	109	27	0	0.125	100	0.819	
Area 4	90	28	0	0.125	100	0.710	
Area 5	44	25	0	6	100	14.694	
Area 6							
Area 7							
					Rec Vol	30	
					Total	47.928	

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 432076

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 432076
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2504520395
Incident Name	NAPP2504520395 SALADO DRAW 19 CTB AND CS @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Received
Incident Facility	[fAPP2131334794] Salado Draw 19 CTB and CS

Location of Release Source

Please answer all the questions in this group.

Site Name	Salado Draw 19 CTB and CS
Date Release Discovered	02/13/2025
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

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

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Other (Specify) Produced Water Released: 48 BBL Recovered: 0 BBL Lost: 48 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Water Corridor Line

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

QUESTIONS, Page 2

Action 432076

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 432076
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Bayley Ranes Title: Environmental Specialist Email: Bayleyranes@chevron.com Date: 02/14/2025
--	---

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

QUESTIONS, Page 3

Action 432076

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 432076
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Site Characterization

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Not answered.
What method was used to determine the depth to ground water	Not answered.
Did this release impact groundwater or surface water	Not answered.
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Not answered.
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Not answered.
An occupied permanent residence, school, hospital, institution, or church	Not answered.
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Not answered.
Any other fresh water well or spring	Not answered.
Incorporated municipal boundaries or a defined municipal fresh water well field	Not answered.
A wetland	Not answered.
A subsurface mine	Not answered.
An (non-karst) unstable area	Not answered.
Categorize the risk of this well / site being in a karst geology	Not answered.
A 100-year floodplain	Not answered.
Did the release impact areas not on an exploration, development, production, or storage site	Not answered.

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	No
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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

CONDITIONS

Action 432076

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 432076
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	None	2/14/2025

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

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

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

QUESTIONS

Action 451234

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 451234
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2504520395
Incident Name	NAPP2504520395 SALADO DRAW 19 CTB AND CS @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2131334794] Salado Draw 19 CTB and CS

Location of Release Source	
Site Name	Salado Draw 19 CTB and CS
Date Release Discovered	02/13/2025
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	9,830
What is the estimated number of samples that will be gathered	60
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/09/2025
Time sampling will commence	10:00 AM
 <i>Warning: Notification can not be less than two business days prior to conducting final sampling.</i>	
Please provide any information necessary for observers to contact samplers	Carmona Resources – 432-813-8988
Please provide any information necessary for navigation to sampling site	Coordinates: "(32.03444, -103.617222) Carmona Resources will be onsite to conduct confirmation sampling of this recent release starting on 04.09.2025 and continuing until 04.18.2025."

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 451234

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 451234
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
branes	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/11/2025

Ashton Thielke

From: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>
Sent: Monday, April 14, 2025 2:53 PM
To: Ashton Thielke
Cc: Barnhill, Amy
Subject: RE: [EXTERNAL] Chevron - Salado Draw 19 CTB and CS (02.13.2025) - NAPP2504520395 - Sampling Variance

Good Afternoon,

Your variance request addressing 19.15.29.12D (1a) NMAC is approved. Please keep a copy of this communication for inclusion within the appropriate report submittal.

Thank you,
Scott

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



From: Ashton Thielke <ThielkeA@carmonaresources.com>
Sent: Saturday, April 12, 2025 5:43 AM
To: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>
Cc: Barnhill, Amy <ABarnhill@chevron.com>
Subject: [EXTERNAL] Chevron - Salado Draw 19 CTB and CS (02.13.2025) - NAPP2504520395 - Sampling Variance

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

Good morning Mr. Rogers,

Thank you for taking my call on Friday (04.12.2025) to discuss the situation we are currently in with the lack of sampling notification being turned in.
A request to submit a sampling notification was turned in to my client for the above mentioned spill incident in early April 2025.
During this time, multiple other sampling notifications were turned in but it has been determined that this site was missed.
The sampling notification was supposed to cover samples collected during a window from April 9, 2025 to April 18, 2025. (see email attached below)
A variance request to NMAC 19.15.29.12.D.1.A to allow us to utilize samples collected during this window mentioned above.
A sampling notification has since been submitted to back date and cover this window.

In the future, I will do a better job double and triple checking that notifications are placed prior to confirmation sampling taking place.

Please feel free to contact me if you have any questions!

Thanks!

Ashton Thielke
Environmental Manager
310 West Wall Street, Suite 500
Midland TX, 79701
M: 432-813-8988 C: 281-753-5659
ThielkeA@carmonaresources.com
[Environmental Consulting Firm - Carmona Resources](#)

CARMONA RESOURCES



From: Ashton Thielke
Sent: Wednesday, April 2, 2025 10:35 AM
To: Matthies, Nathan <Nathan.Matthies@chevron.com>; Barnhill, Amy <ABarnhill@chevron.com>
Cc: RMO Dispatch <admin@RMonsite.com>; Rocky Pack <rpac@rmonsites.com>; Gilbert Priego <GilbertP@carmonaresources.com>; Mike Carmona <Mcarmona@carmonaresources.com>
Subject: FW: Salado Draw 19 CTB and CS (02.13.2025) - Cost Proposal - NAPP2504520395 - Remediation

Good morning Nathan & Rocky,

32.034444, -103.617222

Lets plan to begin this project on Monday (04.07.2025) at 8:30(mst).

This project will last at least 2 weeks and are request RMonstie everyday Monday through Friday for both weeks, or until we are finished with all excavation processes around the Chevron assets exclusion zone.

We will be hydro-vaccing near a buried solaris line (1.5' deep), and we will coordinate that effort with them.

All hydrovac material will be stored at a dump cell that has already been created at SD Pad 9 (0.5 miles to the west)

There are overhead powerlines on the west side of the excavation area, we have previously coordinated with the electrical group for the height of goal posts and will reconstruct the entire area of our excavation area with the appropriate goal posts prior to excavating the areas of T-1 & T-3.

Since this remediation is somewhat close to the lease road, we are going to bring in barricades as well to eliminate any potential for vehicles entering the excavation area in addition to fencing off our remediation area at the end of every day.

Attached is the NM811, which is currently active. A new NM811 will be submitted in the event we do not finish excavating and backfilling the entire area before it expires.

Amy,

Can you please turn in a sampling notification for the site as well

NAPP2504520395

Square footage: 9,830

of Samples: 60

Sampling Date: 04/09/2025

Sampling Time: 10:00 (mst)

Sampler Contact: Carmona Resources – 432-813-8988

Coordinates: “(32.03444, -103.617222) Carmona Resources will be onsite to conduct confirmation sampling of this recent release starting on 04.09.2025 and continuing until 04.18.2025.”

Please let me know if you have any questions!

Thanks!

Ashton Thielke

Environmental Manager

310 West Wall Street, Suite 500

Midland TX, 79701

M: 432-813-8988 C: 281-753-5659

ThielkeA@carmonaresources.com

[Environmental Consulting Firm - Carmona Resources](#)

CARMONA RESOURCES



APPENDIX D









CARMONA RESOURCES

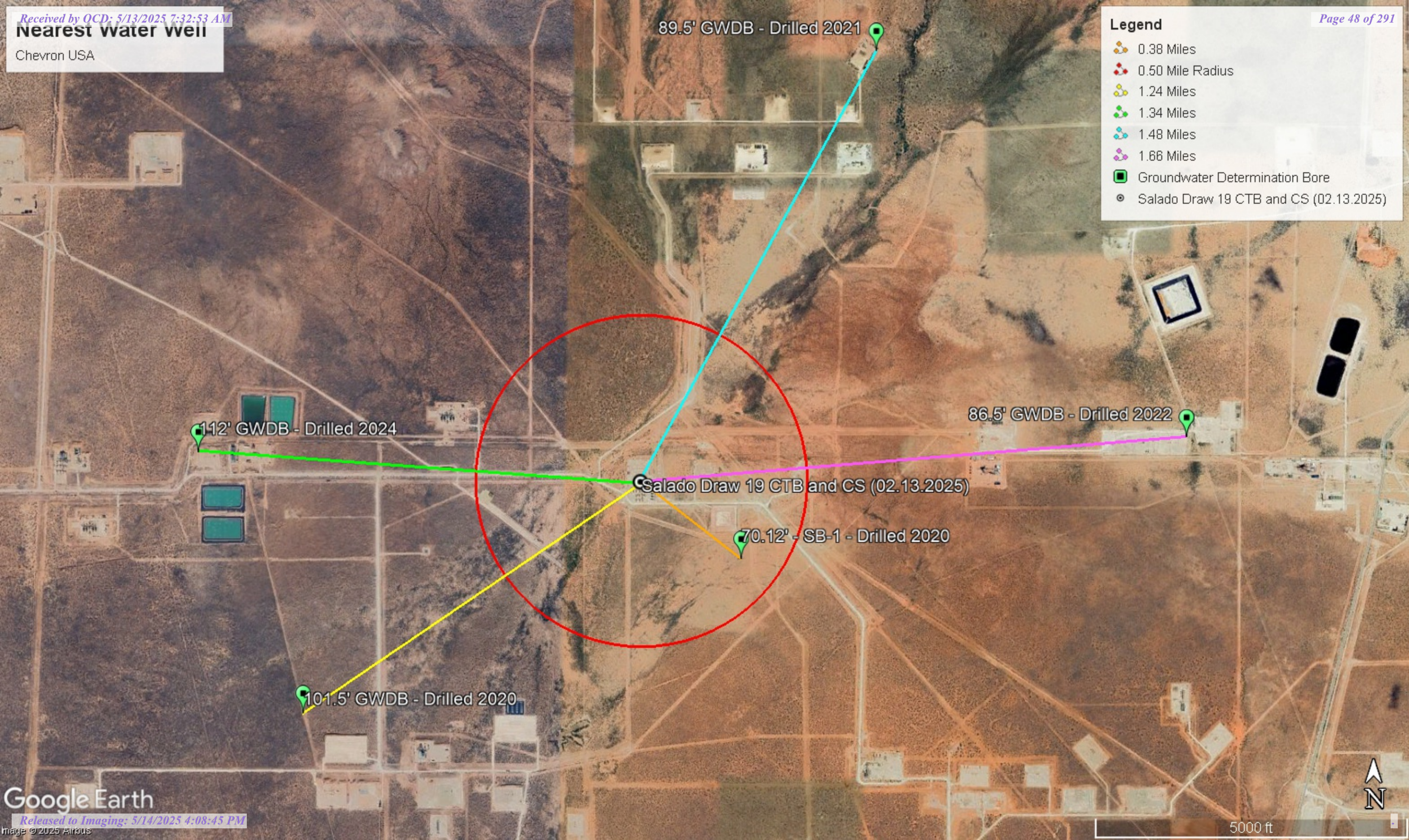


Nearest water well

Chevron USA

Legend


-  0.38 Miles
-  0.50 Mile Radius
-  1.24 Miles
-  1.34 Miles
-  1.48 Miles
-  1.66 Miles
-  Groundwater Determination Bore
-  Salado Draw 19 CTB and CS (02.13.2025)



Medium Karst

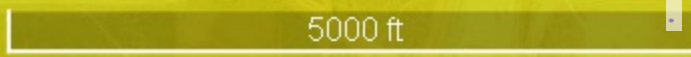
Chevron USA

Legend

-  Medium
-  Salado Draw 19 CTB and CS (02.13.2025)



Salado Draw 19 CTB and CS (02.13.2025)





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are smallest to largest)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
C 04880 POD1		CUB	LE	SW	SE	SE	14	26S	32E	628447.5	3545287.3		2159	112		
C 04547 POD1		CUB	LE	NE	SE	SE	07	26S	33E	631685.9	3547262.2		2353	112		
C 04485 POD1		CUB	LE	SE	NW	NW	12	26S	32E	629038.9	3548125.2		3342	55		
C 02273		CUB	LE		NW	NE	21	26S	33E	634549.0	3545134.0 *		3945	160	120	40

Average Depth to Water: **120 feet**

Minimum Depth: **120 feet**

Maximum Depth: **120 feet**

Record Count: 4

UTM Filters (in meters):

Easting: 630604.13

Northing: 3545172.01

Radius: 4000

* UTM location was derived from PLSS - see Help

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

BORING RECORD

GEOLOGIC UNIT	DEPTH	DESCRIPTION LITHOLOGIC	DESCRIPTION USCS	GRAPHIC LOG	PID READING										SAMPLE			REMARKS			
					PPM X <u>1</u>										NUMBER	PID READING	RECOVERY	DEPTH	BACKGROUND PID READING		
					2	4	6	8	10	12	14	16	18	SOIL : _____ PPM					SOIL : _____ PPM		
	0	Start: 12:20 MDT Finish: 15:40																			
	6	Silty Sand, 5YR 5/4, Reddish Brown, Very Fine Grained Quartz Sand, Poorly Sorted, Dry	ML													1			6		
	10				2.5YR 5/4, Light Reddish Brown, Below 4 ft Caliche, 7.5YR 8/2, Pinkish White, Coarse Grained, Poorly Sorted, Dry	Caliche															
	20																				
	25	Silty Sand, 2.5YR 6/4, Light Reddish Brown, Fine Grained, Well Sorted, Dry	ML													2			25		
	30																				
	40																				
	50	Began Injecting Water																			
	55	Caliche, 7.5YR 8/2, Pinkish White, Fine Grained, Dry	Caliche												3			55			
	60																				
	66	Silty Sand, 7.5YR 4/2, Fine Grained Quartz Sand, Well Sorted, Dry	ML												4			66			
	70																				
	80																				
	90																				
	100																				
	110																				
		TD: 110.75'													5			110.75			

▼
70.12'
Depth of Water

- ONE CONTINUOUS AUGER SAMPLER
- STANDARD PENETRATION TEST
- UNDISTURBED SAMPLE
- WATER TABLE (24 HRS)
- WATER TABLE (TIME OF BORING)
- LABORATORY TEST LOCATION
- PENETROMETER (TONS/ SQ. FT)
- NO RECOVERY

JOB NUMBER : Chevron/19-0180-05
 HOLE DIAMETER : 2"
 LOCATION : Salado Draw Frac Pond 19
32.0329056°, -103.6140528°
 LAI GEOLOGIST : E. Chavez
 DRILLING CONTRACTOR : Scarborough
 DRILLING METHOD : Air Rotary



DRILL DATE : 04-09-2020

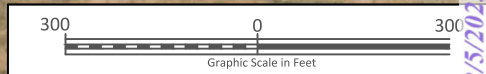
BORING NUMBER : SB-01

SD 19 CTB Manifold
 SD 19 CTB Waterline
 SD 19 PW Release

SB-1

Legend

● - Soil Boring Location



Chevron
 SD 19 CTB Manifold
 Unit D (Lot 1)
 Sec.19, T. 26 S., R. 33 E.,
 Lea County, New Mexico
 32° 02' 04.33"N
 103° 37' 02.69"W



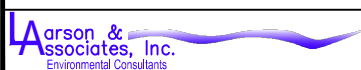
Figure 3 - Aerial Map Showing Boring Location

BORING RECORD

GEOLOGIC UNIT	DEPTH	Start: 10:35 MDT Finish: 15:15 DESCRIPTION LITHOLOGIC	DESCRIPTION USCS	GRAPHIC LOG	PID READING										SAMPLE		REMARKS					
					PPM X _____										NUMBER	PID READING	RECOVERY	DEPTH	BACKGROUND PID READING SOIL: _____ PPM SOIL: _____ PPM			
					2	4	6	8	10	12	14	16	18									
	0	Silty Sand, 5YR 5/4, Reddish Brown, Very Fine Grained Quartz Sand, Poorly Sorted, Dry	ML																			
	5																			1		7
	10	Caliche, 2.5YR 8/3, Pink, Very Fine Grained, Poorly Sorted, Dry	Caliche																			
	15																					
	20																					
	25																		2			25
	30	Silty Sand, 5YR 5/4, Reddish Brown, Fine Grained Quartz Sand with Caliche Clasts (~10mm), Poorly Sorted	ML																			
	35																		3			30
	40	Caliche, 2.5YR 8/3, Pink, Very Fine Grained, Poorly Sorted with Subangular Clasts (~10mm)	Caliche																			
	45																					
	50																					
	55																	4			39	
	60	Silty Sand, 5YR 6/4, Light Reddish Brown, Very Fine Grained Quartz Sand, Poorly Sorted with Subangular Caliche Clasts (~10mm)	ML																			
	65																					

- ONE CONTINUOUS AUGER SAMPLER
- STANDARD PENETRATION TEST
- UNDISTURBED SAMPLE
- WATER TABLE (24 HRS)
- WATER TABLE (TIME OF BORING)
- LABORATORY TEST LOCATION
- PENETROMETER (TONS/ SQ. FT)
- NR NO RECOVERY

JOB NUMBER : Chevron/ 19-0180-01
 HOLE DIAMETER : 2"
 LOCATION : Salado Draw 24 CTB
32.0250583° , -103.6342389°
 LAI GEOLOGIST : E. Chavez
 DRILLING CONTRACTOR : Scarborough
 DRILLING METHOD : Air Rotary

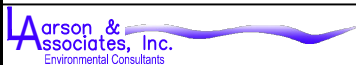


DRILL DATE : 04-14-2020

BORING NUMBER : SB-01

BORING RECORD

GEOLOGIC UNIT	DEPTH	Start: 10:35 MDT Finish: 15:15 DESCRIPTION LITHOLOGIC	DESCRIPTION USCS	GRAPHIC LOG	PID READING								SAMPLE		REMARKS		
					PPM X _____								NUMBER	PID READING	RECOVERY	DEPTH	BACKGROUND PID READING SOIL: _____ PPM SOIL: _____ PPM
					2	4	6	8	10	12	14	16					
	65													5		66	
	70	Silty Sand, 5YR 5/6, Yellowish Red, Very Fine Grained, Poorly Sorted with Subangular Caliche and Black Chert Clasts (~0.5mm)	ML													70	
	75															75	
	80															80	
	85															85	
	90	Silty Sand, 5YR 4/6, Yellowish Red, Fine Grained, Poorly Sorted with Subangular Caliche (~2mm)	ML													90	
	95															95	
	100															100	
	101.5	TD:101.5' Dry After 72 Hours												6		101.5	
	105															105	

<input type="checkbox"/> ONE CONTINUOUS AUGER SAMPLER <input type="checkbox"/> STANDARD PENETRATION TEST <input type="checkbox"/> UNDISTURBED SAMPLE <input type="checkbox"/> WATER TABLE (24 HRS)	<input type="checkbox"/> WATER TABLE (TIME OF BORING) <input type="checkbox"/> LABORATORY TEST LOCATION <input type="checkbox"/> PENETROMETER (TONS/ SQ. FT) NR NO RECOVERY	JOB NUMBER : <u>Chevron/ 19-0180-01</u> HOLE DIAMETER : <u>2"</u> LOCATION : <u>Salado Draw 24 CTB</u> <u>32.0250583°, -103.6342389°</u> LAI GEOLOGIST : <u>E. Chavez</u>
	DRILL DATE : <u>04-14-2020</u>	BORING NUMBER : <u>SB-01</u>
		DRILLING CONTRACTOR : <u>Scarborough</u> DRILLING METHOD : <u>Air Rotary</u>



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) Pod 1		WELL TAG ID NO.		OSE FILE NO(S). C-4880	
	WELL OWNER NAME(S) Chevron USA Inc. (Agent-H&R Enterprises, LLC/James Hawley)				PHONE (OPTIONAL)	
	WELL OWNER MAILING ADDRESS PO 3641				CITY Hobbs	STATE NM
					ZIP 88241	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 02	SECONDS 11.3	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND
	LONGITUDE 103	38	22.7	W	* DATUM REQUIRED: WGS 84	
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE						

2. DRILLING & CASING INFORMATION	LICENSE NO. WD-1862		NAME OF LICENSED DRILLER James Hawley			NAME OF WELL DRILLING COMPANY H&R Enterprises, LLC		
	DRILLING STARTED 9-24-24	DRILLING ENDED 9-24-24	DEPTH OF COMPLETED WELL (FT) 112'	BORE HOLE DEPTH (FT) 112'	DEPTH WATER FIRST ENCOUNTERED (FT) N/A			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A	DATE STATIC MEASURED 9-27-24		
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD				ADDITIVES - SPECIFY:			
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0'	112'	6"	No Casing left in hole				

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE- RANGE BY INTERVAL <i>*(if using Centralizers for Artesian wells- indicate the spacing below)</i>	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				
				N/A		

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)			
FILE NO.	POD NO.	TRN NO.			
LOCATION	WELL TAG ID NO.	PAGE 1 OF 2			



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

OSE DIT AUG 2 2021 PM4:44

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD1 (MW-1)		WELL TAG ID NO. n/a		OSE FILE NO(S). C-4547			
	WELL OWNER NAME(S) BTA Oil Producers				PHONE (OPTIONAL)			
	WELL OWNER MAILING ADDRESS 104 S. Pecos St.				CITY Midland	STATE TX	ZIP 79701	
	WELL LOCATION (FROM GPS)	DEGREES 32	MINUTES 3	SECONDS 14.34	* ACCURACY REQUIRED: ONE TENTH OF A SECOND			
		LATITUDE 103	36	16.96	* DATUM REQUIRED: WGS 84			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NE SE SE Sec. 07 T26S R33E								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1249	NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.			
	DRILLING STARTED 07/15/2021	DRILLING ENDED 07/15/2021	DEPTH OF COMPLETED WELL (FT) temporary well material	BORE HOLE DEPTH (FT) 112	DEPTH WATER FIRST ENCOUNTERED (FT) unknown			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input type="checkbox"/> DRY HOLE <input checked="" type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) 89.5			
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: Hollow Stem Auger							
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	21	±8.5	Boring- HSA	--	--	--	--
	21	112	±3.5	Boring- Air Rotary	--	--	--	--
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/30/17)

FILE NO. C-4547	POD NO. 1	TRN NO. 2698291
LOCATION 26S-33E-07 4-4-2	WELL TAG ID NO. NA	PAGE 1 OF 2






2021-07-28_C-4547_POD1_OSE_Well Record and Log_mesa1-for sign

Final Audit Report


2021-07-29

Created:	2021-07-29	OSE DTI AUG 2 2021 PM4:44
By:	Lucas Middleton (lucas@atkinseng.com)	
Status:	Signed	
Transaction ID:	CBJCHBCAABAA3aQOFUKeCXoHbozKpK1XeoMdl53iwclm	

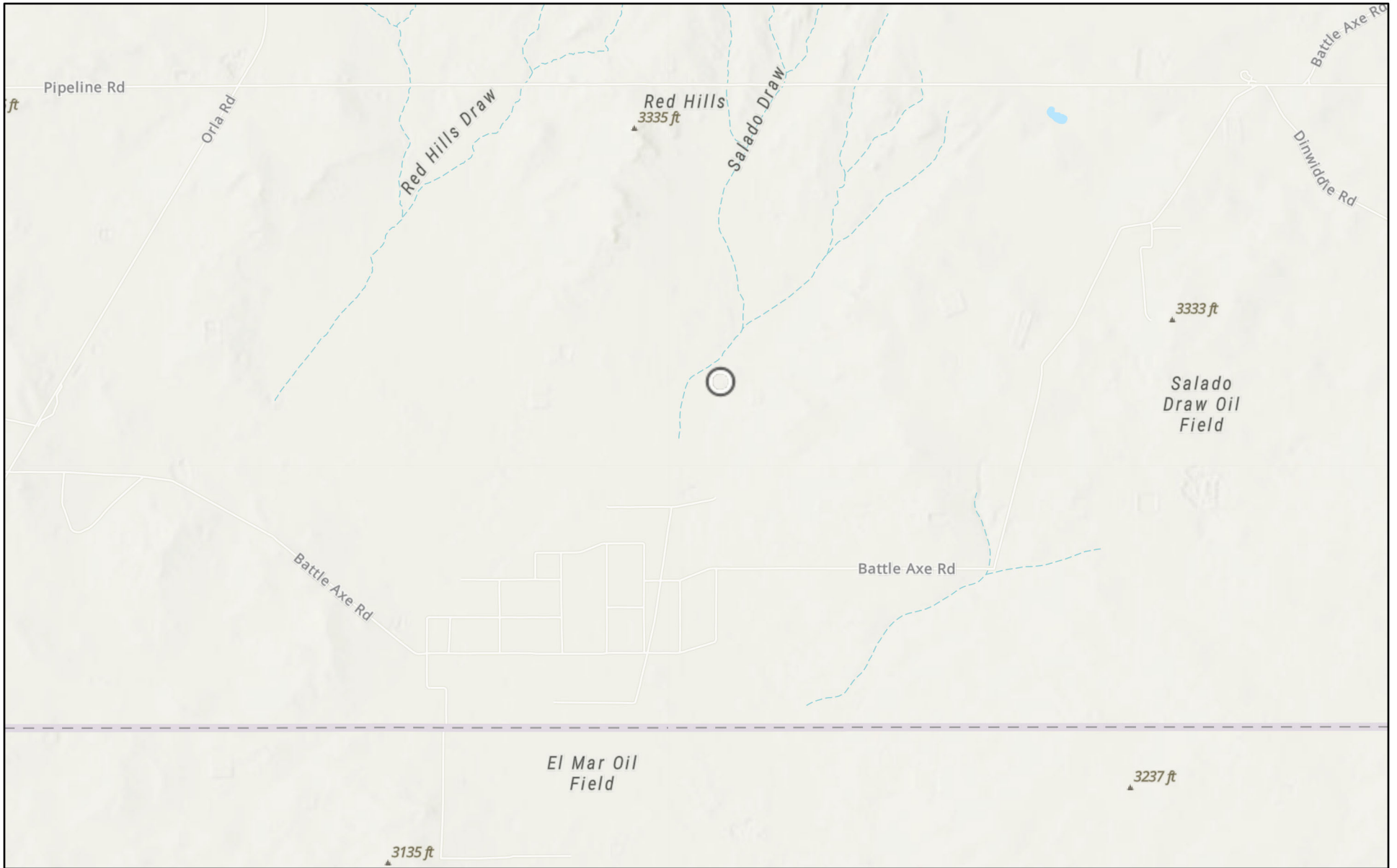
"2021-07-28_C-4547_POD1_OSE_Well Record and Log_mesa1 -for sign" History

-  Document created by Lucas Middleton (lucas@atkinseng.com)
2021-07-29 - 8:40:54 PM GMT- IP address: 69.21.248.123
-  Document emailed to Jack Atkins (jack@atkinseng.com) for signature
2021-07-29 - 8:41:43 PM GMT
-  Email viewed by Jack Atkins (jack@atkinseng.com)
2021-07-29 - 8:43:29 PM GMT- IP address: 64.90.153.232
-  Document e-signed by Jack Atkins (jack@atkinseng.com)
Signature Date: 2021-07-29 - 8:44:00 PM GMT - Time Source: server- IP address: 64.90.153.232
-  Agreement completed.
2021-07-29 - 8:44:00 PM GMT



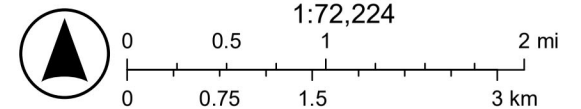
								Sample Name: BH01		Date: 03/12/2024	
								Site Name: Vast State 21H			
								Incident Number: NAPP2313140440			
								Job Number: 03D2024189			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: KS		Method: Air Rotary	
Coordinates: 32.037106, -103.588733								Hole Diameter: 6.5"		Total Depth: 106'	
Comments: Soil boring was advanced to a total depth of 106' bgs. Static water was observed within the soil boring at 86.5' after at least 72 hours. On 11/14/2022 the soil boring was plugged and abandoned using hydrated bentonite chips.											
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions			
Dry	-	-	N	-	-	0	SM	(0-30'), SAND, dry, tan, medium to fine grain, poorly graded with silt, no stain, no odor. @25' color change to brown. (30-60'), SAND, dry, brown, medium to fine grain, poorly graded with clay, non-plastic, noncohesive, some subround small gravel, no stain, no odor. (60-106'), SAND, dry, reddish brown, medium to fine grain, poorly graded with silt, no stain, no odor. @70' color change to reddish brown, few caliche nodules,			
Dry	-	-	N	-	-	10					
Dry	-	-	N	-	-	20					
Dry	-	-	N	-	-	30	SW-SM				
Dry	-	-	N	-	-	40					
Dry	-	-	N	-	-	50	SW-SC				
Dry	-	-	N	-	-	60					
Dry	-	-	N	-	-	70					
Dry	-	-	N	-	-	80					
Dry	-	-	N	-	-	90					
Dry	-	-	N	-	-	100					
Dry	-	-	N	-	-	106					
Total Depth @ 106 feet bgs											

Salado Draw 19 CTB and CS (02.13.2025)



2/14/2025

World Hillshade



Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, USFWS, Esri,

Salado Draw 19 CTB and CS (02.13.2025)

Released to Imaging: 5/14/2025 4:08:45 PM

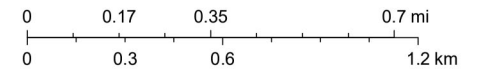
Received by OCD: 5/13/2025 7:32:53 AM



2/14/2025, 7:59:28 AM

— OSE Streams

1:18,056



Esri, NASA, NGA, USGS, FEMA, Esri Community Maps Contributors, Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS, NM OSE

NM OCD Oil and Gas Map. <http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f2306164de29fd2fb9f8f35ca75>; New Mexico Oil Conservation Division

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APPENDIX E

CARMONA RESOURCES





Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Ashton Thielke
 Carmona Resources
 310 W Wall St
 Ste 500
 Midland, Texas 79701

Generated 3/14/2025 12:49:16 PM

JOB DESCRIPTION

Salado Draw 19 CTB and CS
 Lea Co, NM

JOB NUMBER

880-55391-1

Eurofins Midland
 1211 W. Florida Ave
 Midland TX 79701



Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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

Authorization



Generated
3/14/2025 12:49:16 PM

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

Client: Carmona Resources
Project/Site: Salado Draw 19 CTB and CS

Laboratory Job ID: 880-55391-1
SDG: Lea Co, NM

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Salado Draw 19 CTB and CS

Job ID: 880-55391-1
SDG: Lea Co, NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
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.
F1	MS and/or MSD recovery exceeds control limits.
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)
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: Salado Draw 19 CTB and CS

Job ID: 880-55391-1

Job ID: 880-55391-1

Eurofins Midland

Job Narrative 880-55391-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 3/7/2025 4:43 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -1.2°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: T-2 (0-1.0') (880-55391-1), T-2 (1.5') (880-55391-2), T-2 (2.0') (880-55391-3), T-2 (3.0') (880-55391-4), T-2 (4.0') (880-55391-5), T-3 (0-1.0') (880-55391-6), T-3 (1.5') (880-55391-7), T-3 (2.0') (880-55391-8), T-3 (3.0') (880-55391-9), T-3 (4.0') (880-55391-10), T-6 (0-1.0') (880-55391-11), T-6 (1.5') (880-55391-12), T-6 (2.0') (880-55391-13), T-6 (3.0') (880-55391-14), T-6 (4.0') (880-55391-15) and S-3 5' (880-55391-16).

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: T-2 (0-1.0') (880-55391-1), T-3 (0-1.0') (880-55391-6), T-3 (1.5') (880-55391-7), T-3 (2.0') (880-55391-8), T-3 (4.0') (880-55391-10), T-6 (0-1.0') (880-55391-11), T-6 (2.0') (880-55391-13), T-6 (3.0') (880-55391-14), (CCV 880-104839/20), (CCV 880-104839/33) and (880-55391-A-1-C MSD). 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 880-104941 and analytical batch 880-104944 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.

Diesel Range Organics

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-105110 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 880-105110/30).

Passing CCV within 12 hours and 20 samples; Samples to be reported

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-104820 and analytical batch 880-105110 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 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-104892 and analytical batch 880-105119 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-104892 and analytical batch 880-105119 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: T-2 (4.0') (880-55391-5), (LCS 880-104892/2-A) and (LCSD 880-104892/3-A). Evidence of matrix interferences is not obvious.

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project: Salado Draw 19 CTB and CS

Job ID: 880-55391-1

Job ID: 880-55391-1 (Continued)

Eurofins Midland

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-3 5' (880-55391-16), (880-55406-A-42-D MS) and (880-55406-A-42-E MSD). Evidence of matrix interferences is not obvious.

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 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-104855 and analytical batch 880-104924 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 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-104854 and analytical batch 880-104906 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 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-104982 and analytical batch 880-104996 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

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Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB and CS

Job ID: 880-55391-1
 SDG: Lea Co, NM

Client Sample ID: T-2 (0-1.0')

Lab Sample ID: 880-55391-1

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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		03/10/25 09:16	03/10/25 13:17	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/10/25 09:16	03/10/25 13:17	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/10/25 09:16	03/10/25 13:17	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		03/10/25 09:16	03/10/25 13:17	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/10/25 09:16	03/10/25 13:17	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		03/10/25 09:16	03/10/25 13:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130	03/10/25 09:16	03/10/25 13:17	1
1,4-Difluorobenzene (Surr)	88		70 - 130	03/10/25 09:16	03/10/25 13:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			03/10/25 13:17	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			03/13/25 05:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/09/25 21:05	03/13/25 05:57	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/09/25 21:05	03/13/25 05:57	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/09/25 21:05	03/13/25 05:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130	03/09/25 21:05	03/13/25 05:57	1
o-Terphenyl	79		70 - 130	03/09/25 21:05	03/13/25 05:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2730		50.1		mg/Kg			03/11/25 09:23	5

Client Sample ID: T-2 (1.5')

Lab Sample ID: 880-55391-2

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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		03/10/25 09:16	03/10/25 13:38	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/10/25 09:16	03/10/25 13:38	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/10/25 09:16	03/10/25 13:38	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		03/10/25 09:16	03/10/25 13:38	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/10/25 09:16	03/10/25 13:38	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		03/10/25 09:16	03/10/25 13:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130	03/10/25 09:16	03/10/25 13:38	1
1,4-Difluorobenzene (Surr)	85		70 - 130	03/10/25 09:16	03/10/25 13:38	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB and CS

Job ID: 880-55391-1
 SDG: Lea Co, NM

Client Sample ID: T-2 (1.5')

Lab Sample ID: 880-55391-2

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			03/10/25 13:38	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			03/13/25 06:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/09/25 21:05	03/13/25 06:12	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/09/25 21:05	03/13/25 06:12	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/09/25 21:05	03/13/25 06:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130	03/09/25 21:05	03/13/25 06:12	1
o-Terphenyl	82		70 - 130	03/09/25 21:05	03/13/25 06:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	129		9.94		mg/Kg			03/11/25 09:46	1

Client Sample ID: T-2 (2.0')

Lab Sample ID: 880-55391-3

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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		03/10/25 09:16	03/10/25 13:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/10/25 09:16	03/10/25 13:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/10/25 09:16	03/10/25 13:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/10/25 09:16	03/10/25 13:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/10/25 09:16	03/10/25 13:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/10/25 09:16	03/10/25 13:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130	03/10/25 09:16	03/10/25 13:58	1
1,4-Difluorobenzene (Surr)	86		70 - 130	03/10/25 09:16	03/10/25 13:58	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			03/10/25 13:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			03/13/25 06:41	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	<49.7	U	49.7		mg/Kg		03/09/25 21:05	03/13/25 06:41	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		03/09/25 21:05	03/13/25 06:41	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB and CS

Job ID: 880-55391-1
 SDG: Lea Co, NM

Client Sample ID: T-2 (2.0')

Lab Sample ID: 880-55391-3

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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)	<49.7	U	49.7		mg/Kg		03/09/25 21:05	03/13/25 06:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				03/09/25 21:05	03/13/25 06:41	1
o-Terphenyl	78		70 - 130				03/09/25 21:05	03/13/25 06:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	160		9.98		mg/Kg			03/11/25 09:53	1

Client Sample ID: T-2 (3.0')

Lab Sample ID: 880-55391-4

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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		03/10/25 09:16	03/10/25 14:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/10/25 09:16	03/10/25 14:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/10/25 09:16	03/10/25 14:18	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/10/25 09:16	03/10/25 14:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/10/25 09:16	03/10/25 14:18	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/10/25 09:16	03/10/25 14:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130				03/10/25 09:16	03/10/25 14:18	1
1,4-Difluorobenzene (Surr)	82		70 - 130				03/10/25 09:16	03/10/25 14:18	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			03/10/25 14:18	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			03/13/25 06:56	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		03/09/25 21:05	03/13/25 06:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/09/25 21:05	03/13/25 06:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/09/25 21:05	03/13/25 06:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				03/09/25 21:05	03/13/25 06:56	1
o-Terphenyl	76		70 - 130				03/09/25 21:05	03/13/25 06:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	114		10.0		mg/Kg			03/11/25 10:00	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB and CS

Job ID: 880-55391-1
 SDG: Lea Co, NM

Client Sample ID: T-2 (4.0')

Lab Sample ID: 880-55391-5

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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		03/10/25 09:16	03/10/25 14:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/10/25 09:16	03/10/25 14:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/10/25 09:16	03/10/25 14:39	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/10/25 09:16	03/10/25 14:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/10/25 09:16	03/10/25 14:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/10/25 09:16	03/10/25 14:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	03/10/25 09:16	03/10/25 14:39	1
1,4-Difluorobenzene (Surr)	86		70 - 130	03/10/25 09:16	03/10/25 14:39	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			03/10/25 14:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			03/13/25 17:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		03/10/25 11:30	03/13/25 17:55	1
Diesel Range Organics (Over C10-C28)	<49.7	U **	49.7		mg/Kg		03/10/25 11:30	03/13/25 17:55	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		03/10/25 11:30	03/13/25 17:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	133	S1+	70 - 130	03/10/25 11:30	03/13/25 17:55	1
o-Terphenyl	133	S1+	70 - 130	03/10/25 11:30	03/13/25 17:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	67.1		10.1		mg/Kg			03/11/25 10:08	1

Client Sample ID: T-3 (0-1.0')

Lab Sample ID: 880-55391-6

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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		03/10/25 09:16	03/10/25 14:59	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/10/25 09:16	03/10/25 14:59	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/10/25 09:16	03/10/25 14:59	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/10/25 09:16	03/10/25 14:59	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/10/25 09:16	03/10/25 14:59	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/10/25 09:16	03/10/25 14:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130	03/10/25 09:16	03/10/25 14:59	1
1,4-Difluorobenzene (Surr)	85		70 - 130	03/10/25 09:16	03/10/25 14:59	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB and CS

Job ID: 880-55391-1
 SDG: Lea Co, NM

Client Sample ID: T-3 (0-1.0')

Lab Sample ID: 880-55391-6

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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			03/10/25 14:59	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			03/13/25 07:25	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		03/09/25 21:05	03/13/25 07:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/09/25 21:05	03/13/25 07:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/09/25 21:05	03/13/25 07:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				03/09/25 21:05	03/13/25 07:25	1
o-Terphenyl	76		70 - 130				03/09/25 21:05	03/13/25 07:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4030		101		mg/Kg			03/11/25 10:15	10

Client Sample ID: T-3 (1.5')

Lab Sample ID: 880-55391-7

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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		03/10/25 09:16	03/10/25 15:20	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/10/25 09:16	03/10/25 15:20	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/10/25 09:16	03/10/25 15:20	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/10/25 09:16	03/10/25 15:20	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/10/25 09:16	03/10/25 15:20	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/10/25 09:16	03/10/25 15:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130				03/10/25 09:16	03/10/25 15:20	1
1,4-Difluorobenzene (Surr)	80		70 - 130				03/10/25 09:16	03/10/25 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			03/10/25 15:20	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			03/13/25 07:40	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		03/09/25 21:05	03/13/25 07:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/09/25 21:05	03/13/25 07:40	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 19 CTB and CSJob ID: 880-55391-1
SDG: Lea Co, NM

Client Sample ID: T-3 (1.5')

Lab Sample ID: 880-55391-7

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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		03/09/25 21:05	03/13/25 07:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				03/09/25 21:05	03/13/25 07:40	1
o-Terphenyl	73		70 - 130				03/09/25 21:05	03/13/25 07:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	118		10.0		mg/Kg			03/11/25 10:22	1

Client Sample ID: T-3 (2.0')

Lab Sample ID: 880-55391-8

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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		03/10/25 09:16	03/10/25 15:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/10/25 09:16	03/10/25 15:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/10/25 09:16	03/10/25 15:40	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/10/25 09:16	03/10/25 15:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/10/25 09:16	03/10/25 15:40	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/10/25 09:16	03/10/25 15:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				03/10/25 09:16	03/10/25 15:40	1
1,4-Difluorobenzene (Surr)	82		70 - 130				03/10/25 09:16	03/10/25 15:40	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			03/10/25 15:40	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			03/13/25 07:54	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		03/09/25 21:05	03/13/25 07:54	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/09/25 21:05	03/13/25 07:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/09/25 21:05	03/13/25 07:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				03/09/25 21:05	03/13/25 07:54	1
o-Terphenyl	77		70 - 130				03/09/25 21:05	03/13/25 07:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	109		9.90		mg/Kg			03/11/25 10:30	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB and CS

Job ID: 880-55391-1
 SDG: Lea Co, NM

Client Sample ID: T-3 (3.0')

Lab Sample ID: 880-55391-9

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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		03/10/25 09:16	03/10/25 16:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/10/25 09:16	03/10/25 16:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/10/25 09:16	03/10/25 16:00	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/10/25 09:16	03/10/25 16:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/10/25 09:16	03/10/25 16:00	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/10/25 09:16	03/10/25 16:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	03/10/25 09:16	03/10/25 16:00	1
1,4-Difluorobenzene (Surr)	85		70 - 130	03/10/25 09:16	03/10/25 16:00	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			03/10/25 16:00	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			03/13/25 08:08	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		03/09/25 21:05	03/13/25 08:08	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/09/25 21:05	03/13/25 08:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/09/25 21:05	03/13/25 08:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	03/09/25 21:05	03/13/25 08:08	1
o-Terphenyl	82		70 - 130	03/09/25 21:05	03/13/25 08:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	79.5	F1	10.0		mg/Kg			03/11/25 06:24	1

Client Sample ID: T-3 (4.0')

Lab Sample ID: 880-55391-10

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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		03/10/25 09:16	03/10/25 16:21	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/10/25 09:16	03/10/25 16:21	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/10/25 09:16	03/10/25 16:21	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/10/25 09:16	03/10/25 16:21	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/10/25 09:16	03/10/25 16:21	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/10/25 09:16	03/10/25 16:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130	03/10/25 09:16	03/10/25 16:21	1
1,4-Difluorobenzene (Surr)	82		70 - 130	03/10/25 09:16	03/10/25 16:21	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB and CS

Job ID: 880-55391-1
 SDG: Lea Co, NM

Client Sample ID: T-3 (4.0')

Lab Sample ID: 880-55391-10

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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			03/10/25 16:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			03/13/25 08:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		03/09/25 21:05	03/13/25 08:24	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		03/09/25 21:05	03/13/25 08:24	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		03/09/25 21:05	03/13/25 08:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				03/09/25 21:05	03/13/25 08:24	1
o-Terphenyl	79		70 - 130				03/09/25 21:05	03/13/25 08:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	881		10.1		mg/Kg			03/11/25 06:42	1

Client Sample ID: T-6 (0-1.0')

Lab Sample ID: 880-55391-11

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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		03/10/25 09:16	03/10/25 17:55	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/10/25 09:16	03/10/25 17:55	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/10/25 09:16	03/10/25 17:55	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/10/25 09:16	03/10/25 17:55	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/10/25 09:16	03/10/25 17:55	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/10/25 09:16	03/10/25 17:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				03/10/25 09:16	03/10/25 17:55	1
1,4-Difluorobenzene (Surr)	86		70 - 130				03/10/25 09:16	03/10/25 17:55	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			03/10/25 17:55	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			03/13/25 08:38	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		03/09/25 21:05	03/13/25 08:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/09/25 21:05	03/13/25 08:38	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB and CS

Job ID: 880-55391-1
 SDG: Lea Co, NM

Client Sample ID: T-6 (0-1.0')

Lab Sample ID: 880-55391-11

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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		03/09/25 21:05	03/13/25 08:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				03/09/25 21:05	03/13/25 08:38	1
o-Terphenyl	77		70 - 130				03/09/25 21:05	03/13/25 08:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3120		49.8		mg/Kg			03/11/25 06:48	5

Client Sample ID: T-6 (1.5')

Lab Sample ID: 880-55391-12

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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		03/10/25 09:16	03/10/25 18:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/10/25 09:16	03/10/25 18:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/10/25 09:16	03/10/25 18:15	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/10/25 09:16	03/10/25 18:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/10/25 09:16	03/10/25 18:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/10/25 09:16	03/10/25 18:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130				03/10/25 09:16	03/10/25 18:15	1
1,4-Difluorobenzene (Surr)	75		70 - 130				03/10/25 09:16	03/10/25 18:15	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			03/10/25 18:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/13/25 08:53	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		03/09/25 21:05	03/13/25 08:53	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/09/25 21:05	03/13/25 08:53	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/09/25 21:05	03/13/25 08:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				03/09/25 21:05	03/13/25 08:53	1
o-Terphenyl	74		70 - 130				03/09/25 21:05	03/13/25 08:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	271		9.98		mg/Kg			03/11/25 06:54	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB and CS

Job ID: 880-55391-1
 SDG: Lea Co, NM

Client Sample ID: T-6 (2.0')

Lab Sample ID: 880-55391-13

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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		03/10/25 09:16	03/10/25 18:35	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/10/25 09:16	03/10/25 18:35	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/10/25 09:16	03/10/25 18:35	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		03/10/25 09:16	03/10/25 18:35	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/10/25 09:16	03/10/25 18:35	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		03/10/25 09:16	03/10/25 18:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130	03/10/25 09:16	03/10/25 18:35	1
1,4-Difluorobenzene (Surr)	80		70 - 130	03/10/25 09:16	03/10/25 18:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			03/10/25 18:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			03/12/25 20:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U F1	49.7		mg/Kg		03/09/25 21:07	03/12/25 20:10	1
Diesel Range Organics (Over C10-C28)	<49.7	U F1	49.7		mg/Kg		03/09/25 21:07	03/12/25 20:10	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		03/09/25 21:07	03/12/25 20:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	03/09/25 21:07	03/12/25 20:10	1
o-Terphenyl	87		70 - 130	03/09/25 21:07	03/12/25 20:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	202		9.92		mg/Kg			03/11/25 07:00	1

Client Sample ID: T-6 (3.0')

Lab Sample ID: 880-55391-14

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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		03/10/25 09:16	03/10/25 18:56	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/10/25 09:16	03/10/25 18:56	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/10/25 09:16	03/10/25 18:56	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		03/10/25 09:16	03/10/25 18:56	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/10/25 09:16	03/10/25 18:56	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		03/10/25 09:16	03/10/25 18:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	03/10/25 09:16	03/10/25 18:56	1
1,4-Difluorobenzene (Surr)	89		70 - 130	03/10/25 09:16	03/10/25 18:56	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB and CS

Job ID: 880-55391-1
 SDG: Lea Co, NM

Client Sample ID: T-6 (3.0')

Lab Sample ID: 880-55391-14

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			03/10/25 18:56	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			03/12/25 20:53	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		03/09/25 21:07	03/12/25 20:53	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/09/25 21:07	03/12/25 20:53	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/09/25 21:07	03/12/25 20:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				03/09/25 21:07	03/12/25 20:53	1
o-Terphenyl	79		70 - 130				03/09/25 21:07	03/12/25 20:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	629		10.1		mg/Kg			03/11/25 07:19	1

Client Sample ID: T-6 (4.0')

Lab Sample ID: 880-55391-15

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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		03/10/25 09:16	03/10/25 19:16	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/10/25 09:16	03/10/25 19:16	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/10/25 09:16	03/10/25 19:16	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		03/10/25 09:16	03/10/25 19:16	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/10/25 09:16	03/10/25 19:16	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/10/25 09:16	03/10/25 19:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130				03/10/25 09:16	03/10/25 19:16	1
1,4-Difluorobenzene (Surr)	88		70 - 130				03/10/25 09:16	03/10/25 19:16	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			03/10/25 19:16	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			03/12/25 21:08	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		03/09/25 21:07	03/12/25 21:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/09/25 21:07	03/12/25 21:08	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB and CS

Job ID: 880-55391-1
 SDG: Lea Co, NM

Client Sample ID: T-6 (4.0')

Lab Sample ID: 880-55391-15

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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		03/09/25 21:07	03/12/25 21:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				03/09/25 21:07	03/12/25 21:08	1
o-Terphenyl	77		70 - 130				03/09/25 21:07	03/12/25 21:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	199		10.0		mg/Kg			03/11/25 07:25	1

Client Sample ID: S-3 5'

Lab Sample ID: 880-55391-16

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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		03/11/25 11:00	03/11/25 13:04	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/11/25 11:00	03/11/25 13:04	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/11/25 11:00	03/11/25 13:04	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		03/11/25 11:00	03/11/25 13:04	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/11/25 11:00	03/11/25 13:04	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		03/11/25 11:00	03/11/25 13:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				03/11/25 11:00	03/11/25 13:04	1
1,4-Difluorobenzene (Surr)	93		70 - 130				03/11/25 11:00	03/11/25 13:04	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			03/11/25 13:04	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			03/13/25 16:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/10/25 11:30	03/13/25 16:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		03/10/25 11:30	03/13/25 16:51	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/10/25 11:30	03/13/25 16:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	137	S1+	70 - 130				03/10/25 11:30	03/13/25 16:51	1
o-Terphenyl	126		70 - 130				03/10/25 11:30	03/13/25 16:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.94	U	9.94		mg/Kg			03/11/25 13:15	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: Salado Draw 19 CTB and CS

Job ID: 880-55391-1
SDG: Lea Co, NM

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)
880-55391-1	T-2 (0-1.0')	133 S1+	88
880-55391-1 MS	T-2 (0-1.0')	130	90
880-55391-1 MSD	T-2 (0-1.0')	135 S1+	89
880-55391-2	T-2 (1.5')	125	85
880-55391-3	T-2 (2.0')	125	86
880-55391-4	T-2 (3.0')	123	82
880-55391-5	T-2 (4.0')	123	86
880-55391-6	T-3 (0-1.0')	130	85
880-55391-7	T-3 (1.5')	138 S1+	80
880-55391-8	T-3 (2.0')	131 S1+	82
880-55391-9	T-3 (3.0')	128	85
880-55391-10	T-3 (4.0')	134 S1+	82
880-55391-11	T-6 (0-1.0')	131 S1+	86
880-55391-12	T-6 (1.5')	130	75
880-55391-13	T-6 (2.0')	136 S1+	80
880-55391-14	T-6 (3.0')	131 S1+	89
880-55391-15	T-6 (4.0')	129	88
880-55391-16	S-3 5'	114	93
890-7793-A-13-A MS	Matrix Spike	144 S1+	123
890-7793-A-13-B MSD	Matrix Spike Duplicate	93	132 S1+
LCS 880-104846/1-A	Lab Control Sample	128	93
LCS 880-104941/1-A	Lab Control Sample	99	108
LCSD 880-104846/2-A	Lab Control Sample Dup	126	91
LCSD 880-104941/2-A	Lab Control Sample Dup	110	101
MB 880-104846/5-A	Method Blank	115	79
MB 880-104941/5-A	Method Blank	92	89

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)
880-55332-A-11-C MS	Matrix Spike	90	78
880-55332-A-11-D MSD	Matrix Spike Duplicate	92	78
880-55391-1	T-2 (0-1.0')	86	79
880-55391-2	T-2 (1.5')	89	82
880-55391-3	T-2 (2.0')	88	78
880-55391-4	T-2 (3.0')	84	76
880-55391-5	T-2 (4.0')	133 S1+	133 S1+
880-55391-6	T-3 (0-1.0')	84	76
880-55391-7	T-3 (1.5')	80	73
880-55391-8	T-3 (2.0')	85	77
880-55391-9	T-3 (3.0')	91	82
880-55391-10	T-3 (4.0')	88	79
880-55391-11	T-6 (0-1.0')	85	77

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Surrogate Summary

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB and CS

Job ID: 880-55391-1
 SDG: Lea Co, NM

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-55391-12	T-6 (1.5')	81	74
880-55391-13	T-6 (2.0')	83	87
880-55391-13 MS	T-6 (2.0')	78	77
880-55391-13 MSD	T-6 (2.0')	78	77
880-55391-14	T-6 (3.0')	75	79
880-55391-15	T-6 (4.0')	73	77
880-55391-16	S-3 5'	137 S1+	126
880-55406-A-42-D MS	Matrix Spike	132 S1+	115
880-55406-A-42-E MSD	Matrix Spike Duplicate	131 S1+	114
LCS 880-104819/2-A	Lab Control Sample	119	109
LCS 880-104820/2-A	Lab Control Sample	111	110
LCS 880-104892/2-A	Lab Control Sample	169 S1+	154 S1+
LCSD 880-104819/3-A	Lab Control Sample Dup	121	108
LCSD 880-104820/3-A	Lab Control Sample Dup	110	109
LCSD 880-104892/3-A	Lab Control Sample Dup	145 S1+	162 S1+
MB 880-104819/1-A	Method Blank	95	85
MB 880-104820/1-A	Method Blank	75	79
MB 880-104892/1-A	Method Blank	155 S1+	159 S1+

Surrogate Legend

1CO = 1-Chlorooctane
 OTPH = o-Terphenyl

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

QC Sample Results

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB and CS

Job ID: 880-55391-1
 SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-104846/5-A
 Matrix: Solid
 Analysis Batch: 104839

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 104846

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/10/25 09:16	03/10/25 12:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/10/25 09:16	03/10/25 12:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/10/25 09:16	03/10/25 12:56	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/10/25 09:16	03/10/25 12:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/10/25 09:16	03/10/25 12:56	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/10/25 09:16	03/10/25 12:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	03/10/25 09:16	03/10/25 12:56	1
1,4-Difluorobenzene (Surr)	79		70 - 130	03/10/25 09:16	03/10/25 12:56	1

Lab Sample ID: LCS 880-104846/1-A
 Matrix: Solid
 Analysis Batch: 104839

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 104846

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1058		mg/Kg		106	70 - 130
Toluene	0.100	0.1035		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.1052		mg/Kg		105	70 - 130
m-Xylene & p-Xylene	0.200	0.2254		mg/Kg		113	70 - 130
o-Xylene	0.100	0.1096		mg/Kg		110	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	128		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: LCSD 880-104846/2-A
 Matrix: Solid
 Analysis Batch: 104839

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 104846

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1107		mg/Kg		111	70 - 130	4	35
Toluene	0.100	0.1039		mg/Kg		104	70 - 130	0	35
Ethylbenzene	0.100	0.1032		mg/Kg		103	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2167		mg/Kg		108	70 - 130	4	35
o-Xylene	0.100	0.1051		mg/Kg		105	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	126		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: 880-55391-1 MS
 Matrix: Solid
 Analysis Batch: 104839

Client Sample ID: T-2 (0-1.0')
 Prep Type: Total/NA
 Prep Batch: 104846

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U	0.0996	0.09686		mg/Kg		97	70 - 130
Toluene	<0.00198	U	0.0996	0.1013		mg/Kg		102	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB and CS

Job ID: 880-55391-1
 SDG: Lea Co, NM

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

Lab Sample ID: 880-55391-1 MS
Matrix: Solid
Analysis Batch: 104839

Client Sample ID: T-2 (0-1.0')
Prep Type: Total/NA
Prep Batch: 104846

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Ethylbenzene	<0.00198	U	0.0996	0.09822		mg/Kg		99	70 - 130
m-Xylene & p-Xylene	<0.00397	U	0.199	0.2152		mg/Kg		108	70 - 130
o-Xylene	<0.00198	U	0.0996	0.1050		mg/Kg		105	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	130		70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

Lab Sample ID: 880-55391-1 MSD
Matrix: Solid
Analysis Batch: 104839

Client Sample ID: T-2 (0-1.0')
Prep Type: Total/NA
Prep Batch: 104846

Analyte	Sample	Sample	Spike Added	MSD	MSD	Unit	D	%Rec	%Rec Limits	RPD	Limit
	Result	Qualifier		Result	Qualifier						
Benzene	<0.00198	U	0.101	0.09043		mg/Kg		90	70 - 130	7	35
Toluene	<0.00198	U	0.101	0.09466		mg/Kg		94	70 - 130	7	35
Ethylbenzene	<0.00198	U	0.101	0.09226		mg/Kg		92	70 - 130	6	35
m-Xylene & p-Xylene	<0.00397	U	0.202	0.2005		mg/Kg		99	70 - 130	7	35
o-Xylene	<0.00198	U	0.101	0.09865		mg/Kg		98	70 - 130	6	35

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	135	S1+	70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

Lab Sample ID: MB 880-104941/5-A
Matrix: Solid
Analysis Batch: 104944

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 104941

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		03/10/25 16:03	03/11/25 10:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/10/25 16:03	03/11/25 10:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/10/25 16:03	03/11/25 10:39	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/10/25 16:03	03/11/25 10:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/10/25 16:03	03/11/25 10:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/10/25 16:03	03/11/25 10:39	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	92		70 - 130	03/10/25 16:03	03/11/25 10:39	1
1,4-Difluorobenzene (Surr)	89		70 - 130	03/10/25 16:03	03/11/25 10:39	1

Lab Sample ID: LCS 880-104941/1-A
Matrix: Solid
Analysis Batch: 104944

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 104941

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	0.100	0.1172		mg/Kg		117	70 - 130
Toluene	0.100	0.1219		mg/Kg		122	70 - 130
Ethylbenzene	0.100	0.1193		mg/Kg		119	70 - 130
m-Xylene & p-Xylene	0.200	0.2144		mg/Kg		107	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB and CS

Job ID: 880-55391-1
 SDG: Lea Co, NM

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

Lab Sample ID: LCS 880-104941/1-A
 Matrix: Solid
 Analysis Batch: 104944

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 104941

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1132		mg/Kg		113	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: LCSD 880-104941/2-A
 Matrix: Solid
 Analysis Batch: 104944

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 104941

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1119		mg/Kg		112	70 - 130	5	35
Toluene	0.100	0.1254		mg/Kg		125	70 - 130	3	35
Ethylbenzene	0.100	0.1245		mg/Kg		125	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.2246		mg/Kg		112	70 - 130	5	35
o-Xylene	0.100	0.1193		mg/Kg		119	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 890-7793-A-13-A MS
 Matrix: Solid
 Analysis Batch: 104944

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 104941

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1 F2	0.100	0.08987		mg/Kg		90	70 - 130
Toluene	<0.00200	U	0.100	0.08341		mg/Kg		83	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.1014		mg/Kg		101	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1 F2	0.200	0.2457		mg/Kg		123	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.07628		mg/Kg		76	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130
1,4-Difluorobenzene (Surr)	123		70 - 130

Lab Sample ID: 890-7793-A-13-B MSD
 Matrix: Solid
 Analysis Batch: 104944

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA
 Prep Batch: 104941

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00200	U F1 F2	0.100	0.004189	F1 F2	mg/Kg		4	70 - 130	182	35
Toluene	<0.00200	U	0.100	0.07259		mg/Kg		73	70 - 130	14	35
Ethylbenzene	<0.00200	U	0.100	0.07725		mg/Kg		77	70 - 130	27	35
m-Xylene & p-Xylene	<0.00399	U F1 F2	0.200	0.1359	F1 F2	mg/Kg		68	70 - 130	58	35
o-Xylene	<0.00200	U F1	0.100	0.06111	F1	mg/Kg		61	70 - 130	22	35

QC Sample Results

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB and CS

Job ID: 880-55391-1
 SDG: Lea Co, NM

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

Lab Sample ID: 890-7793-A-13-B MSD
 Matrix: Solid
 Analysis Batch: 104944

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA
 Prep Batch: 104941

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	93		70 - 130
1,4-Difluorobenzene (Surr)	132	S1+	70 - 130

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

Lab Sample ID: MB 880-104819/1-A
 Matrix: Solid
 Analysis Batch: 105107

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 104819

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/09/25 21:05	03/13/25 02:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/09/25 21:05	03/13/25 02:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/09/25 21:05	03/13/25 02:46	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	95		70 - 130	03/09/25 21:05	03/13/25 02:46	1
o-Terphenyl	85		70 - 130	03/09/25 21:05	03/13/25 02:46	1

Lab Sample ID: LCS 880-104819/2-A
 Matrix: Solid
 Analysis Batch: 105107

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 104819

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	1000	883.7		mg/Kg		88	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	119		70 - 130
o-Terphenyl	109		70 - 130

Lab Sample ID: LCSD 880-104819/3-A
 Matrix: Solid
 Analysis Batch: 105107

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 104819

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Diesel Range Organics (Over C10-C28)	1000	906.6		mg/Kg		91	70 - 130	3	20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	121		70 - 130
o-Terphenyl	108		70 - 130

QC Sample Results

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB and CS

Job ID: 880-55391-1
 SDG: Lea Co, NM

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

Lab Sample ID: 880-55332-A-11-C MS
Matrix: Solid
Analysis Batch: 105107

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 104819

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier					
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	994	841.7		mg/Kg		85		70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	994	756.0		mg/Kg		76		70 - 130
Surrogate	%Recovery	Qualifier	Limits	MS	MS					
1-Chlorooctane	90		70 - 130							
o-Terphenyl	78		70 - 130							

Lab Sample ID: 880-55332-A-11-D MSD
Matrix: Solid
Analysis Batch: 105107

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 104819

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	994	872.7		mg/Kg		88		70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<50.0	U	994	795.7		mg/Kg		80		70 - 130	5	20
Surrogate	%Recovery	Qualifier	Limits	MSD	MSD							
1-Chlorooctane	92		70 - 130									
o-Terphenyl	78		70 - 130									

Lab Sample ID: MB 880-104820/1-A
Matrix: Solid
Analysis Batch: 105110

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 104820

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/09/25 21:07	03/12/25 19:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/09/25 21:07	03/12/25 19:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/09/25 21:07	03/12/25 19:25	1
Surrogate	%Recovery	Qualifier	Limits	MB	MB		Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				03/09/25 21:07	03/12/25 19:25	1
o-Terphenyl	79		70 - 130				03/09/25 21:07	03/12/25 19:25	1

Lab Sample ID: LCS 880-104820/2-A
Matrix: Solid
Analysis Batch: 105110

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 104820

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec	Limits
		Result	Qualifier					
Gasoline Range Organics (GRO)-C6-C10	1000	989.2		mg/Kg		99		70 - 130
Diesel Range Organics (Over C10-C28)	1000	1104		mg/Kg		110		70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB and CS

Job ID: 880-55391-1
 SDG: Lea Co, NM

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

Lab Sample ID: LCS 880-104820/2-A
Matrix: Solid
Analysis Batch: 105110

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 104820

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	111		70 - 130
o-Terphenyl	110		70 - 130

Lab Sample ID: LCSD 880-104820/3-A
Matrix: Solid
Analysis Batch: 105110

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 104820

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec		RPD	Limit
		Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	958.0		mg/Kg		96	70 - 130	3	20	
Diesel Range Organics (Over C10-C28)	1000	1069		mg/Kg		107	70 - 130	3	20	

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	110		70 - 130
o-Terphenyl	109		70 - 130

Lab Sample ID: 880-55391-13 MS
Matrix: Solid
Analysis Batch: 105110

Client Sample ID: T-6 (2.0')
Prep Type: Total/NA
Prep Batch: 104820

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<49.7	U F1	1000	665.3	F1	mg/Kg		67	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.7	U F1	1000	694.2	F1	mg/Kg		69	70 - 130	

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	78		70 - 130
o-Terphenyl	77		70 - 130

Lab Sample ID: 880-55391-13 MSD
Matrix: Solid
Analysis Batch: 105110

Client Sample ID: T-6 (2.0')
Prep Type: Total/NA
Prep Batch: 104820

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD MSD		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<49.7	U F1	1000	667.4	F1	mg/Kg		67	70 - 130	0	20	
Diesel Range Organics (Over C10-C28)	<49.7	U F1	1000	693.3	F1	mg/Kg		69	70 - 130	0	20	

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	78		70 - 130
o-Terphenyl	77		70 - 130

QC Sample Results

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB and CS

Job ID: 880-55391-1
 SDG: Lea Co, NM

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

Lab Sample ID: MB 880-104892/1-A
 Matrix: Solid
 Analysis Batch: 105119

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 104892

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/10/25 11:30	03/13/25 09:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/10/25 11:30	03/13/25 09:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/10/25 11:30	03/13/25 09:57	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	155	S1+	70 - 130	03/10/25 11:30	03/13/25 09:57	1
o-Terphenyl	159	S1+	70 - 130	03/10/25 11:30	03/13/25 09:57	1

Lab Sample ID: LCS 880-104892/2-A
 Matrix: Solid
 Analysis Batch: 105119

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 104892

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	1000	1279		mg/Kg		128	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1-Chlorooctane	169	S1+	70 - 130
o-Terphenyl	154	S1+	70 - 130

Lab Sample ID: LCSD 880-104892/3-A
 Matrix: Solid
 Analysis Batch: 105119

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 104892

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	
								RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1113		mg/Kg		111	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	1427	*+	mg/Kg		143	70 - 130	11	20

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
1-Chlorooctane	145	S1+	70 - 130
o-Terphenyl	162	S1+	70 - 130

Lab Sample ID: 880-55406-A-42-D MS
 Matrix: Solid
 Analysis Batch: 105119

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 104892

Analyte	Sample	Sample	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	939.9		mg/Kg		94	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U *+	999	1002		mg/Kg		100	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB and CS

Job ID: 880-55391-1
 SDG: Lea Co, NM

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

Lab Sample ID: 880-55406-A-42-D MS
 Matrix: Solid
 Analysis Batch: 105119

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 104892

Surrogate	%Recovery	MS MS Qualifier	Limits
1-Chlorooctane	132	S1+	70 - 130
o-Terphenyl	115		70 - 130

Lab Sample ID: 880-55406-A-42-E MSD
 Matrix: Solid
 Analysis Batch: 105119

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA
 Prep Batch: 104892

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec		RPD	
				Result	Qualifier				Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	973.7		mg/Kg		97	70 - 130	4	20	
Diesel Range Organics (Over C10-C28)	<50.0	U **	999	1018		mg/Kg		102	70 - 130	2	20	

Surrogate	%Recovery	MSD MSD Qualifier	Limits
1-Chlorooctane	131	S1+	70 - 130
o-Terphenyl	114		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-104854/1-A
 Matrix: Solid
 Analysis Batch: 104906

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			03/11/25 06:24	1

Lab Sample ID: LCS 880-104854/2-A
 Matrix: Solid
 Analysis Batch: 104906

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	247.7		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-104854/3-A
 Matrix: Solid
 Analysis Batch: 104906

Client Sample ID: Lab Control Sample Dup
 Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Chloride	250	249.2		mg/Kg		100	90 - 110	1	20

Lab Sample ID: 880-55383-A-7-B MS
 Matrix: Solid
 Analysis Batch: 104906

Client Sample ID: Matrix Spike
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5030	F1	2520	8510	F1	mg/Kg		139	90 - 110

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB and CS

Job ID: 880-55391-1
 SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-55383-A-7-C MSD
Matrix: Solid
Analysis Batch: 104906

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	5030	F1	2520	8443	F1	mg/Kg		136	90 - 110	1	20

Lab Sample ID: 880-55384-A-5-B MS
Matrix: Solid
Analysis Batch: 104906

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	587		250	823.8		mg/Kg		95	90 - 110

Lab Sample ID: 880-55384-A-5-C MSD
Matrix: Solid
Analysis Batch: 104906

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	587		250	821.4		mg/Kg		94	90 - 110	0	20

Lab Sample ID: MB 880-104855/1-A
Matrix: Solid
Analysis Batch: 104924

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			03/11/25 06:05	1

Lab Sample ID: LCS 880-104855/2-A
Matrix: Solid
Analysis Batch: 104924

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	272.4		mg/Kg		109	90 - 110

Lab Sample ID: LCSD 880-104855/3-A
Matrix: Solid
Analysis Batch: 104924

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	273.1		mg/Kg		109	90 - 110	0	20

Lab Sample ID: 880-55391-9 MS
Matrix: Solid
Analysis Batch: 104924

Client Sample ID: T-3 (3.0')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	79.5	F1	251	396.7	F1	mg/Kg		127	90 - 110

Lab Sample ID: 880-55391-9 MSD
Matrix: Solid
Analysis Batch: 104924

Client Sample ID: T-3 (3.0')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	79.5	F1	251	397.4	F1	mg/Kg		127	90 - 110	0	20

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QC Sample Results

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB and CS

Job ID: 880-55391-1
 SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-104982/1-A
 Matrix: Solid
 Analysis Batch: 104996

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			03/11/25 09:47	1

Lab Sample ID: LCS 880-104982/2-A
 Matrix: Solid
 Analysis Batch: 104996

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	252.4		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-104982/3-A
 Matrix: Solid
 Analysis Batch: 104996

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	251.9		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 890-7793-A-27-D MS
 Matrix: Solid
 Analysis Batch: 104996

Client Sample ID: Matrix Spike
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	50.9	F1	248	329.5	F1	mg/Kg		113	90 - 110

Lab Sample ID: 890-7793-A-27-E MSD
 Matrix: Solid
 Analysis Batch: 104996

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	50.9	F1	248	325.8	F1	mg/Kg		111	90 - 110	1	20

QC Association Summary

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB and CS

Job ID: 880-55391-1
 SDG: Lea Co, NM

GC VOA

Analysis Batch: 104839

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55391-1	T-2 (0-1.0')	Total/NA	Solid	8021B	104846
880-55391-2	T-2 (1.5')	Total/NA	Solid	8021B	104846
880-55391-3	T-2 (2.0')	Total/NA	Solid	8021B	104846
880-55391-4	T-2 (3.0')	Total/NA	Solid	8021B	104846
880-55391-5	T-2 (4.0')	Total/NA	Solid	8021B	104846
880-55391-6	T-3 (0-1.0')	Total/NA	Solid	8021B	104846
880-55391-7	T-3 (1.5')	Total/NA	Solid	8021B	104846
880-55391-8	T-3 (2.0')	Total/NA	Solid	8021B	104846
880-55391-9	T-3 (3.0')	Total/NA	Solid	8021B	104846
880-55391-10	T-3 (4.0')	Total/NA	Solid	8021B	104846
880-55391-11	T-6 (0-1.0')	Total/NA	Solid	8021B	104846
880-55391-12	T-6 (1.5')	Total/NA	Solid	8021B	104846
880-55391-13	T-6 (2.0')	Total/NA	Solid	8021B	104846
880-55391-14	T-6 (3.0')	Total/NA	Solid	8021B	104846
880-55391-15	T-6 (4.0')	Total/NA	Solid	8021B	104846
MB 880-104846/5-A	Method Blank	Total/NA	Solid	8021B	104846
LCS 880-104846/1-A	Lab Control Sample	Total/NA	Solid	8021B	104846
LCSD 880-104846/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	104846
880-55391-1 MS	T-2 (0-1.0')	Total/NA	Solid	8021B	104846
880-55391-1 MSD	T-2 (0-1.0')	Total/NA	Solid	8021B	104846

Prep Batch: 104846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55391-1	T-2 (0-1.0')	Total/NA	Solid	5035	
880-55391-2	T-2 (1.5')	Total/NA	Solid	5035	
880-55391-3	T-2 (2.0')	Total/NA	Solid	5035	
880-55391-4	T-2 (3.0')	Total/NA	Solid	5035	
880-55391-5	T-2 (4.0')	Total/NA	Solid	5035	
880-55391-6	T-3 (0-1.0')	Total/NA	Solid	5035	
880-55391-7	T-3 (1.5')	Total/NA	Solid	5035	
880-55391-8	T-3 (2.0')	Total/NA	Solid	5035	
880-55391-9	T-3 (3.0')	Total/NA	Solid	5035	
880-55391-10	T-3 (4.0')	Total/NA	Solid	5035	
880-55391-11	T-6 (0-1.0')	Total/NA	Solid	5035	
880-55391-12	T-6 (1.5')	Total/NA	Solid	5035	
880-55391-13	T-6 (2.0')	Total/NA	Solid	5035	
880-55391-14	T-6 (3.0')	Total/NA	Solid	5035	
880-55391-15	T-6 (4.0')	Total/NA	Solid	5035	
MB 880-104846/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-104846/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-104846/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-55391-1 MS	T-2 (0-1.0')	Total/NA	Solid	5035	
880-55391-1 MSD	T-2 (0-1.0')	Total/NA	Solid	5035	

Prep Batch: 104941

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55391-16	S-3 5'	Total/NA	Solid	5035	
MB 880-104941/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-104941/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-104941/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7793-A-13-A MS	Matrix Spike	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB and CS

Job ID: 880-55391-1
 SDG: Lea Co, NM

GC VOA (Continued)

Prep Batch: 104941 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7793-A-13-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 104944

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55391-16	S-3 5'	Total/NA	Solid	8021B	104941
MB 880-104941/5-A	Method Blank	Total/NA	Solid	8021B	104941
LCS 880-104941/1-A	Lab Control Sample	Total/NA	Solid	8021B	104941
LCSD 880-104941/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	104941
890-7793-A-13-A MS	Matrix Spike	Total/NA	Solid	8021B	104941
890-7793-A-13-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	104941

Analysis Batch: 105035

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55391-1	T-2 (0-1.0')	Total/NA	Solid	Total BTEX	
880-55391-2	T-2 (1.5')	Total/NA	Solid	Total BTEX	
880-55391-3	T-2 (2.0')	Total/NA	Solid	Total BTEX	
880-55391-4	T-2 (3.0')	Total/NA	Solid	Total BTEX	
880-55391-5	T-2 (4.0')	Total/NA	Solid	Total BTEX	
880-55391-6	T-3 (0-1.0')	Total/NA	Solid	Total BTEX	
880-55391-7	T-3 (1.5')	Total/NA	Solid	Total BTEX	
880-55391-8	T-3 (2.0')	Total/NA	Solid	Total BTEX	
880-55391-9	T-3 (3.0')	Total/NA	Solid	Total BTEX	
880-55391-10	T-3 (4.0')	Total/NA	Solid	Total BTEX	
880-55391-11	T-6 (0-1.0')	Total/NA	Solid	Total BTEX	
880-55391-12	T-6 (1.5')	Total/NA	Solid	Total BTEX	
880-55391-13	T-6 (2.0')	Total/NA	Solid	Total BTEX	
880-55391-14	T-6 (3.0')	Total/NA	Solid	Total BTEX	
880-55391-15	T-6 (4.0')	Total/NA	Solid	Total BTEX	
880-55391-16	S-3 5'	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 104819

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55391-1	T-2 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-55391-2	T-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-55391-3	T-2 (2.0')	Total/NA	Solid	8015NM Prep	
880-55391-4	T-2 (3.0')	Total/NA	Solid	8015NM Prep	
880-55391-6	T-3 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-55391-7	T-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-55391-8	T-3 (2.0')	Total/NA	Solid	8015NM Prep	
880-55391-9	T-3 (3.0')	Total/NA	Solid	8015NM Prep	
880-55391-10	T-3 (4.0')	Total/NA	Solid	8015NM Prep	
880-55391-11	T-6 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-55391-12	T-6 (1.5')	Total/NA	Solid	8015NM Prep	
MB 880-104819/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-104819/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-104819/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-55332-A-11-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-55332-A-11-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB and CS

Job ID: 880-55391-1
 SDG: Lea Co, NM

GC Semi VOA

Prep Batch: 104820

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55391-13	T-6 (2.0')	Total/NA	Solid	8015NM Prep	
880-55391-14	T-6 (3.0')	Total/NA	Solid	8015NM Prep	
880-55391-15	T-6 (4.0')	Total/NA	Solid	8015NM Prep	
MB 880-104820/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-104820/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-104820/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-55391-13 MS	T-6 (2.0')	Total/NA	Solid	8015NM Prep	
880-55391-13 MSD	T-6 (2.0')	Total/NA	Solid	8015NM Prep	

Prep Batch: 104892

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55391-5	T-2 (4.0')	Total/NA	Solid	8015NM Prep	
880-55391-16	S-3 5'	Total/NA	Solid	8015NM Prep	
MB 880-104892/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-104892/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-104892/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-55406-A-42-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-55406-A-42-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 105107

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55391-1	T-2 (0-1.0')	Total/NA	Solid	8015B NM	104819
880-55391-2	T-2 (1.5')	Total/NA	Solid	8015B NM	104819
880-55391-3	T-2 (2.0')	Total/NA	Solid	8015B NM	104819
880-55391-4	T-2 (3.0')	Total/NA	Solid	8015B NM	104819
880-55391-6	T-3 (0-1.0')	Total/NA	Solid	8015B NM	104819
880-55391-7	T-3 (1.5')	Total/NA	Solid	8015B NM	104819
880-55391-8	T-3 (2.0')	Total/NA	Solid	8015B NM	104819
880-55391-9	T-3 (3.0')	Total/NA	Solid	8015B NM	104819
880-55391-10	T-3 (4.0')	Total/NA	Solid	8015B NM	104819
880-55391-11	T-6 (0-1.0')	Total/NA	Solid	8015B NM	104819
880-55391-12	T-6 (1.5')	Total/NA	Solid	8015B NM	104819
MB 880-104819/1-A	Method Blank	Total/NA	Solid	8015B NM	104819
LCS 880-104819/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	104819
LCSD 880-104819/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	104819
880-55332-A-11-C MS	Matrix Spike	Total/NA	Solid	8015B NM	104819
880-55332-A-11-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	104819

Analysis Batch: 105110

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55391-13	T-6 (2.0')	Total/NA	Solid	8015B NM	104820
880-55391-14	T-6 (3.0')	Total/NA	Solid	8015B NM	104820
880-55391-15	T-6 (4.0')	Total/NA	Solid	8015B NM	104820
MB 880-104820/1-A	Method Blank	Total/NA	Solid	8015B NM	104820
LCS 880-104820/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	104820
LCSD 880-104820/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	104820
880-55391-13 MS	T-6 (2.0')	Total/NA	Solid	8015B NM	104820
880-55391-13 MSD	T-6 (2.0')	Total/NA	Solid	8015B NM	104820

QC Association Summary

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB and CS

Job ID: 880-55391-1
 SDG: Lea Co, NM

GC Semi VOA

Analysis Batch: 105119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55391-5	T-2 (4.0')	Total/NA	Solid	8015B NM	104892
880-55391-16	S-3 5'	Total/NA	Solid	8015B NM	104892
MB 880-104892/1-A	Method Blank	Total/NA	Solid	8015B NM	104892
LCS 880-104892/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	104892
LCSD 880-104892/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	104892
880-55406-A-42-D MS	Matrix Spike	Total/NA	Solid	8015B NM	104892
880-55406-A-42-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	104892

Analysis Batch: 105225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55391-1	T-2 (0-1.0')	Total/NA	Solid	8015 NM	
880-55391-2	T-2 (1.5')	Total/NA	Solid	8015 NM	
880-55391-3	T-2 (2.0')	Total/NA	Solid	8015 NM	
880-55391-4	T-2 (3.0')	Total/NA	Solid	8015 NM	
880-55391-5	T-2 (4.0')	Total/NA	Solid	8015 NM	
880-55391-6	T-3 (0-1.0')	Total/NA	Solid	8015 NM	
880-55391-7	T-3 (1.5')	Total/NA	Solid	8015 NM	
880-55391-8	T-3 (2.0')	Total/NA	Solid	8015 NM	
880-55391-9	T-3 (3.0')	Total/NA	Solid	8015 NM	
880-55391-10	T-3 (4.0')	Total/NA	Solid	8015 NM	
880-55391-11	T-6 (0-1.0')	Total/NA	Solid	8015 NM	
880-55391-12	T-6 (1.5')	Total/NA	Solid	8015 NM	
880-55391-13	T-6 (2.0')	Total/NA	Solid	8015 NM	
880-55391-14	T-6 (3.0')	Total/NA	Solid	8015 NM	
880-55391-15	T-6 (4.0')	Total/NA	Solid	8015 NM	
880-55391-16	S-3 5'	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 104854

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55391-1	T-2 (0-1.0')	Soluble	Solid	DI Leach	
880-55391-2	T-2 (1.5')	Soluble	Solid	DI Leach	
880-55391-3	T-2 (2.0')	Soluble	Solid	DI Leach	
880-55391-4	T-2 (3.0')	Soluble	Solid	DI Leach	
880-55391-5	T-2 (4.0')	Soluble	Solid	DI Leach	
880-55391-6	T-3 (0-1.0')	Soluble	Solid	DI Leach	
880-55391-7	T-3 (1.5')	Soluble	Solid	DI Leach	
880-55391-8	T-3 (2.0')	Soluble	Solid	DI Leach	
MB 880-104854/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-104854/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-104854/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-55383-A-7-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-55383-A-7-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	
880-55384-A-5-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-55384-A-5-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 104855

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55391-9	T-3 (3.0')	Soluble	Solid	DI Leach	
880-55391-10	T-3 (4.0')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB and CS

Job ID: 880-55391-1
 SDG: Lea Co, NM

HPLC/IC (Continued)

Leach Batch: 104855 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55391-11	T-6 (0-1.0')	Soluble	Solid	DI Leach	
880-55391-12	T-6 (1.5')	Soluble	Solid	DI Leach	
880-55391-13	T-6 (2.0')	Soluble	Solid	DI Leach	
880-55391-14	T-6 (3.0')	Soluble	Solid	DI Leach	
880-55391-15	T-6 (4.0')	Soluble	Solid	DI Leach	
MB 880-104855/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-104855/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-104855/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-55391-9 MS	T-3 (3.0')	Soluble	Solid	DI Leach	
880-55391-9 MSD	T-3 (3.0')	Soluble	Solid	DI Leach	

Analysis Batch: 104906

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55391-1	T-2 (0-1.0')	Soluble	Solid	300.0	104854
880-55391-2	T-2 (1.5')	Soluble	Solid	300.0	104854
880-55391-3	T-2 (2.0')	Soluble	Solid	300.0	104854
880-55391-4	T-2 (3.0')	Soluble	Solid	300.0	104854
880-55391-5	T-2 (4.0')	Soluble	Solid	300.0	104854
880-55391-6	T-3 (0-1.0')	Soluble	Solid	300.0	104854
880-55391-7	T-3 (1.5')	Soluble	Solid	300.0	104854
880-55391-8	T-3 (2.0')	Soluble	Solid	300.0	104854
MB 880-104854/1-A	Method Blank	Soluble	Solid	300.0	104854
LCS 880-104854/2-A	Lab Control Sample	Soluble	Solid	300.0	104854
LCSD 880-104854/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	104854
880-55383-A-7-B MS	Matrix Spike	Soluble	Solid	300.0	104854
880-55383-A-7-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	104854
880-55384-A-5-B MS	Matrix Spike	Soluble	Solid	300.0	104854
880-55384-A-5-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	104854

Analysis Batch: 104924

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55391-9	T-3 (3.0')	Soluble	Solid	300.0	104855
880-55391-10	T-3 (4.0')	Soluble	Solid	300.0	104855
880-55391-11	T-6 (0-1.0')	Soluble	Solid	300.0	104855
880-55391-12	T-6 (1.5')	Soluble	Solid	300.0	104855
880-55391-13	T-6 (2.0')	Soluble	Solid	300.0	104855
880-55391-14	T-6 (3.0')	Soluble	Solid	300.0	104855
880-55391-15	T-6 (4.0')	Soluble	Solid	300.0	104855
MB 880-104855/1-A	Method Blank	Soluble	Solid	300.0	104855
LCS 880-104855/2-A	Lab Control Sample	Soluble	Solid	300.0	104855
LCSD 880-104855/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	104855
880-55391-9 MS	T-3 (3.0')	Soluble	Solid	300.0	104855
880-55391-9 MSD	T-3 (3.0')	Soluble	Solid	300.0	104855

Leach Batch: 104982

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55391-16	S-3 5'	Soluble	Solid	DI Leach	
MB 880-104982/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-104982/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-104982/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7793-A-27-D MS	Matrix Spike	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Carmona Resources
Project/Site: Salado Draw 19 CTB and CS

Job ID: 880-55391-1
SDG: Lea Co, NM

HPLC/IC (Continued)

Leach Batch: 104982 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7793-A-27-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 104996

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55391-16	S-3 5'	Soluble	Solid	300.0	104982
MB 880-104982/1-A	Method Blank	Soluble	Solid	300.0	104982
LCS 880-104982/2-A	Lab Control Sample	Soluble	Solid	300.0	104982
LCSD 880-104982/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	104982
890-7793-A-27-D MS	Matrix Spike	Soluble	Solid	300.0	104982
890-7793-A-27-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	104982

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Lab Chronicle

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB and CS

Job ID: 880-55391-1
 SDG: Lea Co, NM

Client Sample ID: T-2 (0-1.0')

Lab Sample ID: 880-55391-1

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	104846	03/10/25 09:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104839	03/10/25 13:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			105035	03/10/25 13:17	AJ	EET MID
Total/NA	Analysis	8015 NM		1			105225	03/13/25 05:57	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	104819	03/09/25 21:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	105107	03/13/25 05:57	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	104854	03/10/25 09:36	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	104906	03/11/25 09:23	CH	EET MID

Client Sample ID: T-2 (1.5')

Lab Sample ID: 880-55391-2

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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	104846	03/10/25 09:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104839	03/10/25 13:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			105035	03/10/25 13:38	AJ	EET MID
Total/NA	Analysis	8015 NM		1			105225	03/13/25 06:12	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	104819	03/09/25 21:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	105107	03/13/25 06:12	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	104854	03/10/25 09:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	104906	03/11/25 09:46	CH	EET MID

Client Sample ID: T-2 (2.0')

Lab Sample ID: 880-55391-3

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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	104846	03/10/25 09:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104839	03/10/25 13:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			105035	03/10/25 13:58	AJ	EET MID
Total/NA	Analysis	8015 NM		1			105225	03/13/25 06:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	104819	03/09/25 21:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	105107	03/13/25 06:41	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	104854	03/10/25 09:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	104906	03/11/25 09:53	CH	EET MID

Client Sample ID: T-2 (3.0')

Lab Sample ID: 880-55391-4

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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	104846	03/10/25 09:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104839	03/10/25 14:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			105035	03/10/25 14:18	AJ	EET MID

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Lab Chronicle

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB and CS

Job ID: 880-55391-1
 SDG: Lea Co, NM

Client Sample ID: T-2 (3.0')

Lab Sample ID: 880-55391-4

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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			105225	03/13/25 06:56	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	104819	03/09/25 21:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	105107	03/13/25 06:56	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	104854	03/10/25 09:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	104906	03/11/25 10:00	CH	EET MID

Client Sample ID: T-2 (4.0')

Lab Sample ID: 880-55391-5

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	104846	03/10/25 09:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104839	03/10/25 14:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			105035	03/10/25 14:39	AJ	EET MID
Total/NA	Analysis	8015 NM		1			105225	03/13/25 17:55	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	104892	03/10/25 11:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	105119	03/13/25 17:55	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	104854	03/10/25 09:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	104906	03/11/25 10:08	CH	EET MID

Client Sample ID: T-3 (0-1.0')

Lab Sample ID: 880-55391-6

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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	104846	03/10/25 09:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104839	03/10/25 14:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			105035	03/10/25 14:59	AJ	EET MID
Total/NA	Analysis	8015 NM		1			105225	03/13/25 07:25	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	104819	03/09/25 21:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	105107	03/13/25 07:25	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	104854	03/10/25 09:36	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	104906	03/11/25 10:15	CH	EET MID

Client Sample ID: T-3 (1.5')

Lab Sample ID: 880-55391-7

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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	104846	03/10/25 09:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104839	03/10/25 15:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			105035	03/10/25 15:20	AJ	EET MID
Total/NA	Analysis	8015 NM		1			105225	03/13/25 07:40	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	104819	03/09/25 21:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	105107	03/13/25 07:40	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB and CS

Job ID: 880-55391-1
 SDG: Lea Co, NM

Client Sample ID: T-3 (1.5')

Lab Sample ID: 880-55391-7

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.00 g	50 mL	104854	03/10/25 09:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	104906	03/11/25 10:22	CH	EET MID

Client Sample ID: T-3 (2.0')

Lab Sample ID: 880-55391-8

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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	104846	03/10/25 09:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104839	03/10/25 15:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			105035	03/10/25 15:40	AJ	EET MID
Total/NA	Analysis	8015 NM		1			105225	03/13/25 07:54	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	104819	03/09/25 21:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	105107	03/13/25 07:54	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	104854	03/10/25 09:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	104906	03/11/25 10:30	CH	EET MID

Client Sample ID: T-3 (3.0')

Lab Sample ID: 880-55391-9

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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	104846	03/10/25 09:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104839	03/10/25 16:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			105035	03/10/25 16:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			105225	03/13/25 08:08	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	104819	03/09/25 21:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	105107	03/13/25 08:08	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	104855	03/10/25 09:38	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	104924	03/11/25 06:24	CH	EET MID

Client Sample ID: T-3 (4.0')

Lab Sample ID: 880-55391-10

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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	104846	03/10/25 09:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104839	03/10/25 16:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			105035	03/10/25 16:21	AJ	EET MID
Total/NA	Analysis	8015 NM		1			105225	03/13/25 08:24	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	104819	03/09/25 21:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	105107	03/13/25 08:24	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	104855	03/10/25 09:38	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	104924	03/11/25 06:42	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB and CS

Job ID: 880-55391-1
 SDG: Lea Co, NM

Client Sample ID: T-6 (0-1.0')

Lab Sample ID: 880-55391-11

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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	104846	03/10/25 09:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104839	03/10/25 17:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			105035	03/10/25 17:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			105225	03/13/25 08:38	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	104819	03/09/25 21:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	105107	03/13/25 08:38	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	104855	03/10/25 09:38	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	104924	03/11/25 06:48	CH	EET MID

Client Sample ID: T-6 (1.5')

Lab Sample ID: 880-55391-12

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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	104846	03/10/25 09:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104839	03/10/25 18:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			105035	03/10/25 18:15	AJ	EET MID
Total/NA	Analysis	8015 NM		1			105225	03/13/25 08:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	104819	03/09/25 21:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	105107	03/13/25 08:53	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	104855	03/10/25 09:38	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	104924	03/11/25 06:54	CH	EET MID

Client Sample ID: T-6 (2.0')

Lab Sample ID: 880-55391-13

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	104846	03/10/25 09:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104839	03/10/25 18:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			105035	03/10/25 18:35	AJ	EET MID
Total/NA	Analysis	8015 NM		1			105225	03/12/25 20:10	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	104820	03/09/25 21:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	105110	03/12/25 20:10	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	104855	03/10/25 09:38	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	104924	03/11/25 07:00	CH	EET MID

Client Sample ID: T-6 (3.0')

Lab Sample ID: 880-55391-14

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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	104846	03/10/25 09:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104839	03/10/25 18:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			105035	03/10/25 18:56	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB and CS

Job ID: 880-55391-1
 SDG: Lea Co, NM

Client Sample ID: T-6 (3.0')

Lab Sample ID: 880-55391-14

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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			105225	03/12/25 20:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	104820	03/09/25 21:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	105110	03/12/25 20:53	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	104855	03/10/25 09:38	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	104924	03/11/25 07:19	CH	EET MID

Client Sample ID: T-6 (4.0')

Lab Sample ID: 880-55391-15

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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	104846	03/10/25 09:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104839	03/10/25 19:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			105035	03/10/25 19:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			105225	03/12/25 21:08	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	104820	03/09/25 21:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	105110	03/12/25 21:08	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	104855	03/10/25 09:38	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	104924	03/11/25 07:25	CH	EET MID

Client Sample ID: S-3 5'

Lab Sample ID: 880-55391-16

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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	104941	03/11/25 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104944	03/11/25 13:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			105035	03/11/25 13:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			105225	03/13/25 16:51	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	104892	03/10/25 11:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	105119	03/13/25 16:51	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	104982	03/11/25 08:01	SA	EET MID
Soluble	Analysis	300.0		1			104996	03/11/25 13:15	CH	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Salado Draw 19 CTB and CS

Job ID: 880-55391-1
SDG: Lea Co, NM

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
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Method Summary

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB and CS

Job ID: 880-55391-1
 SDG: Lea Co, NM

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: Salado Draw 19 CTB and CS

Job ID: 880-55391-1
SDG: Lea Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-55391-1	T-2 (0-1.0')	Solid	03/06/25 00:00	03/07/25 16:43
880-55391-2	T-2 (1.5')	Solid	03/06/25 00:00	03/07/25 16:43
880-55391-3	T-2 (2.0')	Solid	03/06/25 00:00	03/07/25 16:43
880-55391-4	T-2 (3.0')	Solid	03/06/25 00:00	03/07/25 16:43
880-55391-5	T-2 (4.0')	Solid	03/06/25 00:00	03/07/25 16:43
880-55391-6	T-3 (0-1.0')	Solid	03/06/25 00:00	03/07/25 16:43
880-55391-7	T-3 (1.5')	Solid	03/06/25 00:00	03/07/25 16:43
880-55391-8	T-3 (2.0')	Solid	03/06/25 00:00	03/07/25 16:43
880-55391-9	T-3 (3.0')	Solid	03/06/25 00:00	03/07/25 16:43
880-55391-10	T-3 (4.0')	Solid	03/06/25 00:00	03/07/25 16:43
880-55391-11	T-6 (0-1.0')	Solid	03/06/25 00:00	03/07/25 16:43
880-55391-12	T-6 (1.5')	Solid	03/06/25 00:00	03/07/25 16:43
880-55391-13	T-6 (2.0')	Solid	03/06/25 00:00	03/07/25 16:43
880-55391-14	T-6 (3.0')	Solid	03/06/25 00:00	03/07/25 16:43
880-55391-15	T-6 (4.0')	Solid	03/06/25 00:00	03/07/25 16:43
880-55391-16	S-3 5'	Solid	03/06/25 00:00	03/07/25 16:43

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Chain of Custody



880-55391 Chain of Custody

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Project Manager:	Ashton Thielke	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 West Wall Ste. 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-8988	Email:	ThielkeA@Carmonaresources.com

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

Project Name:	Salado Draw 19 CTB and CS	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	
Project Number:	2662	Due Date:	Normal		
Project Location:	Lea Co. NM	TAT starts the day received by the lab, if received by 4:30pm			
Sampler's Name:	GP/JRP	Wet Ice:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
PO #:		Thermometer ID:	0.9		
SAMPLE RECEIPT		Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Temperature Reading:	-1.2
Total Containers:		Corrected Temperature:			

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST	Preservative Codes	Sample Comments
T-2 (0-1.0')	3/6/2025		X		G	1	BTEX 8021B		None: NO	
T-2 (1.5')	3/6/2025		X		G	1	TPH 8015M (GRO + DRO + MRO)		DI Water: H ₂ O	
T-2 (2.0')	3/6/2025		X		G	1			Cool: Cool	MeOH: Me
T-2 (3.0')	3/6/2025		X		G	1			HCL: HC	HNO ₃ : HN
T-2 (4.0')	3/6/2025		X		G	1			H ₂ SO ₄ : H ₂	NaOH: Na
T-3 (0-1.0')	3/6/2025		X		G	1			H ₃ PO ₄ : HP	
T-3 (1.5')	3/6/2025		X		G	1			NH ₄ SO ₄ : NABIS	
T-3 (2.0')	3/6/2025		X		G	1			Na ₂ S ₂ O ₃ : NaSO ₃	
T-3 (3.0')	3/6/2025		X		G	1			Zn Acetate+NaOH: Zn	
T-3 (4.0')	3/6/2025		X		G	1			NaOH+Ascorbic Acid: SABC	

Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	3.7.25			
		1093			



Chain of Custody

Work Order No: 55391

Page 2 of 2

Project Manager: Ashton Thielke
 Company Name: Carmona Resources
 Address: 310 West Wall Ste. 500
 City, State ZIP: Midland, TX 79701
 Phone: 432-813-8988
 Email: ThielkeA@Carmonaresources.com

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

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

Project Name: Salado Draw 19 CTB and CS
 Project Number: 2662
 Project Location: Lea Co, NM
 Sampler's Name: GP/JRP
 PO #:
 Turn Around: Routine Rush
 Due Date:
 Normal
 TAT starts the day received by the lab, if received by 4:30pm
 Wet Ice: Yes No
 Parameters: BTEX 8021B, TPH 8015M (GRO + DRO + MRO), Chloride 300.0
 Pres. Code:
 ANALYSIS REQUEST
 Preservative Codes: None: NO, DI Water: H₂O, Cool: Cool, MeOH: Me, HCL: HC, HNO₃: HN, H₂SO₄: H₂, NaOH: Na, H₃PO₄: HP, NAHSO₄: NABIS, Na₂S₂O₃: NASSO₃, Zn Acetate+NaOH: Zn, NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST	Preservative Codes	Sample Comments
T-6 (0-1.0')	3/6/2025		X		G	1	BTEX 8021B			
T-6 (1.5')	3/6/2025		X		G	1	TPH 8015M (GRO + DRO + MRO)			
T-6 (2.0')	3/6/2025		X		G	1	Chloride 300.0			
T-6 (3.0')	3/6/2025		X		G	1				
T-6 (4.0')	3/6/2025		X		G	1				

Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-55391-1

SDG Number: Lea Co, NM

Login Number: 55391

List Source: Eurofins Midland

List Number: 1

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	

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Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Ashton Thielke
 Carmona Resources
 310 W Wall St
 Ste 500
 Midland, Texas 79701

Generated 3/19/2025 8:48:33 AM

JOB DESCRIPTION

Salado Draw 19 CTB
 Lea Co, NM

JOB NUMBER

880-55494-1

Eurofins Midland
 1211 W. Florida Ave
 Midland TX 79701



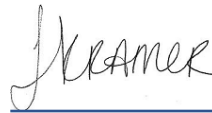
Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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

Authorization



Generated
3/19/2025 8:48:33 AM

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

Client: Carmona Resources
Project/Site: Salado Draw 19 CTB

Laboratory Job ID: 880-55494-1
SDG: Lea Co, NM

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Salado Draw 19 CTB

Job ID: 880-55494-1
SDG: Lea Co, NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
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.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
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)
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: Salado Draw 19 CTB

Job ID: 880-55494-1

Job ID: 880-55494-1

Eurofins Midland

Job Narrative 880-55494-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 3/11/2025 9:42 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 -10.1°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: T-1 (880-55494-1), T-1 (880-55494-2), T-1 (880-55494-3), T-1 (880-55494-4), T-1 (880-55494-5), T-4 (880-55494-6), T-4 (880-55494-7), T-4 (880-55494-8), T-4 (880-55494-9), T-4 (880-55494-10), T-5 (880-55494-11), T-5 (880-55494-12), T-5 (880-55494-13), T-5 (880-55494-14) and T-5 (880-55494-15).

GC VOA

Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-104941 and analytical batch 880-104944 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.

Diesel Range Organics

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-105295 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-105048/2-A) and (LCSD 880-105048/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-105048 and analytical batch 880-105295 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (890-7811-A-1-F MSD). Evidence of matrix interferences is not obvious.

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 - Soluble: The Chloride matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-105113 and analytical batch 880-105124 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.

The associated samples are: T-1 (880-55494-1), T-1 (880-55494-2), T-1 (880-55494-3), T-1 (880-55494-4), T-1 (880-55494-5), T-4 (880-55494-6), T-4 (880-55494-7), T-4 (880-55494-8) and T-4 (880-55494-9).

Method 300_ORGFM_28D - Soluble: The Chloride matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch

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Case Narrative

Client: Carmona Resources
Project: Salado Draw 19 CTB

Job ID: 880-55494-1

Job ID: 880-55494-1 (Continued)

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880-105113 and analytical batch 880-105124 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.

The associated samples are: T-4 (880-55494-10), T-5 (880-55494-11), T-5 (880-55494-12), T-5 (880-55494-13), T-5 (880-55494-14), T-5 (880-55494-15), (CCV 880-105124/25), (880-55494-A-10-D MS) and (880-55494-A-10-E MSD).

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

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Client Sample Results

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB

Job ID: 880-55494-1
 SDG: Lea Co, NM

Client Sample ID: T-1

Lab Sample ID: 880-55494-1

Date Collected: 03/10/25 00:00

Matrix: Solid

Date Received: 03/11/25 09:42

Sample Depth: 0-1

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		03/11/25 13:35	03/11/25 15:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/11/25 13:35	03/11/25 15:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/11/25 13:35	03/11/25 15:10	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/11/25 13:35	03/11/25 15:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/11/25 13:35	03/11/25 15:10	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/11/25 13:35	03/11/25 15:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	03/11/25 13:35	03/11/25 15:10	1
1,4-Difluorobenzene (Surr)	93		70 - 130	03/11/25 13:35	03/11/25 15:10	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			03/11/25 15:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3650		49.9		mg/Kg			03/17/25 14:16	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		03/17/25 08:14	03/17/25 14:16	1
Diesel Range Organics (Over C10-C28)	3650		49.9		mg/Kg		03/17/25 08:14	03/17/25 14:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/17/25 08:14	03/17/25 14:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	03/17/25 08:14	03/17/25 14:16	1
o-Terphenyl	122		70 - 130	03/17/25 08:14	03/17/25 14:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	218		10.1		mg/Kg			03/12/25 18:49	1

Client Sample ID: T-1

Lab Sample ID: 880-55494-2

Date Collected: 03/10/25 00:00

Matrix: Solid

Date Received: 03/11/25 09:42

Sample Depth: 1.5

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		03/11/25 13:35	03/11/25 15:31	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/11/25 13:35	03/11/25 15:31	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/11/25 13:35	03/11/25 15:31	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/11/25 13:35	03/11/25 15:31	1
o-Xylene	0.00207		0.00198		mg/Kg		03/11/25 13:35	03/11/25 15:31	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/11/25 13:35	03/11/25 15:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130	03/11/25 13:35	03/11/25 15:31	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB

Job ID: 880-55494-1
 SDG: Lea Co, NM

Client Sample ID: T-1

Lab Sample ID: 880-55494-2

Date Collected: 03/10/25 00:00

Matrix: Solid

Date Received: 03/11/25 09:42

Sample Depth: 1.5

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	94		70 - 130	03/11/25 13:35	03/11/25 15:31	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			03/11/25 15:31	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			03/17/25 13:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/17/25 08:14	03/17/25 13:44	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/17/25 08:14	03/17/25 13:44	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/17/25 08:14	03/17/25 13:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	03/17/25 08:14	03/17/25 13:44	1
o-Terphenyl	94		70 - 130	03/17/25 08:14	03/17/25 13:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	168		10.0		mg/Kg			03/12/25 18:55	1

Client Sample ID: T-1

Lab Sample ID: 880-55494-3

Date Collected: 03/10/25 00:00

Matrix: Solid

Date Received: 03/11/25 09:42

Sample Depth: 2

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		03/11/25 13:35	03/11/25 15:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/11/25 13:35	03/11/25 15:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/11/25 13:35	03/11/25 15:51	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/11/25 13:35	03/11/25 15:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/11/25 13:35	03/11/25 15:51	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/11/25 13:35	03/11/25 15:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	03/11/25 13:35	03/11/25 15:51	1
1,4-Difluorobenzene (Surr)	78		70 - 130	03/11/25 13:35	03/11/25 15:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			03/11/25 15:51	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			03/14/25 14:28	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB

Job ID: 880-55494-1
 SDG: Lea Co, NM

Client Sample ID: T-1

Lab Sample ID: 880-55494-3

Date Collected: 03/10/25 00:00

Matrix: Solid

Date Received: 03/11/25 09:42

Sample Depth: 2

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		03/11/25 13:52	03/14/25 14:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0		mg/Kg		03/11/25 13:52	03/14/25 14:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/11/25 13:52	03/14/25 14:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	03/11/25 13:52	03/14/25 14:28	1
o-Terphenyl	97		70 - 130	03/11/25 13:52	03/14/25 14:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	141		10.0		mg/Kg			03/12/25 19:01	1

Client Sample ID: T-1

Lab Sample ID: 880-55494-4

Date Collected: 03/10/25 00:00

Matrix: Solid

Date Received: 03/11/25 09:42

Sample Depth: 3

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		03/11/25 13:35	03/11/25 16:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/11/25 13:35	03/11/25 16:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/11/25 13:35	03/11/25 16:12	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/11/25 13:35	03/11/25 16:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/11/25 13:35	03/11/25 16:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/11/25 13:35	03/11/25 16:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	03/11/25 13:35	03/11/25 16:12	1
1,4-Difluorobenzene (Surr)	95		70 - 130	03/11/25 13:35	03/11/25 16:12	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			03/11/25 16:12	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			03/14/25 14:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/11/25 13:52	03/14/25 14:44	1
Diesel Range Organics (Over C10-C28)	<49.8	U **	49.8		mg/Kg		03/11/25 13:52	03/14/25 14:44	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/11/25 13:52	03/14/25 14:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	03/11/25 13:52	03/14/25 14:44	1
o-Terphenyl	99		70 - 130	03/11/25 13:52	03/14/25 14:44	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB

Job ID: 880-55494-1
 SDG: Lea Co, NM

Client Sample ID: T-1

Lab Sample ID: 880-55494-4

Date Collected: 03/10/25 00:00

Matrix: Solid

Date Received: 03/11/25 09:42

Sample Depth: 3

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	149		10.1		mg/Kg			03/12/25 19:07	1

Client Sample ID: T-1

Lab Sample ID: 880-55494-5

Date Collected: 03/10/25 00:00

Matrix: Solid

Date Received: 03/11/25 09:42

Sample Depth: 4

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		03/11/25 13:35	03/11/25 16:32	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/11/25 13:35	03/11/25 16:32	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/11/25 13:35	03/11/25 16:32	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/11/25 13:35	03/11/25 16:32	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/11/25 13:35	03/11/25 16:32	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/11/25 13:35	03/11/25 16:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130	03/11/25 13:35	03/11/25 16:32	1
1,4-Difluorobenzene (Surr)	79		70 - 130	03/11/25 13:35	03/11/25 16:32	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			03/11/25 16:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			03/14/25 15:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		03/11/25 13:52	03/14/25 15:17	1
Diesel Range Organics (Over C10-C28)	<49.7	U **	49.7		mg/Kg		03/11/25 13:52	03/14/25 15:17	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		03/11/25 13:52	03/14/25 15:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130	03/11/25 13:52	03/14/25 15:17	1
o-Terphenyl	92		70 - 130	03/11/25 13:52	03/14/25 15:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	149		9.94		mg/Kg			03/12/25 19:24	1

Client Sample Results

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB

Job ID: 880-55494-1
 SDG: Lea Co, NM

Client Sample ID: T-4

Lab Sample ID: 880-55494-6

Date Collected: 03/10/25 00:00

Matrix: Solid

Date Received: 03/11/25 09:42

Sample Depth: 0-1

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		03/11/25 13:35	03/11/25 16:53	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/11/25 13:35	03/11/25 16:53	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/11/25 13:35	03/11/25 16:53	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/11/25 13:35	03/11/25 16:53	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/11/25 13:35	03/11/25 16:53	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/11/25 13:35	03/11/25 16:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	03/11/25 13:35	03/11/25 16:53	1
1,4-Difluorobenzene (Surr)	91		70 - 130	03/11/25 13:35	03/11/25 16:53	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			03/11/25 16:53	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			03/14/25 15:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/11/25 13:52	03/14/25 15:33	1
Diesel Range Organics (Over C10-C28)	<49.8	U **	49.8		mg/Kg		03/11/25 13:52	03/14/25 15:33	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/11/25 13:52	03/14/25 15:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	03/11/25 13:52	03/14/25 15:33	1
o-Terphenyl	95		70 - 130	03/11/25 13:52	03/14/25 15:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	298		9.98		mg/Kg			03/12/25 19:30	1

Client Sample ID: T-4

Lab Sample ID: 880-55494-7

Date Collected: 03/10/25 00:00

Matrix: Solid

Date Received: 03/11/25 09:42

Sample Depth: 1.5

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		03/11/25 13:35	03/11/25 17:13	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/11/25 13:35	03/11/25 17:13	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/11/25 13:35	03/11/25 17:13	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		03/11/25 13:35	03/11/25 17:13	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/11/25 13:35	03/11/25 17:13	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/11/25 13:35	03/11/25 17:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	03/11/25 13:35	03/11/25 17:13	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB

Job ID: 880-55494-1
 SDG: Lea Co, NM

Client Sample ID: T-4

Lab Sample ID: 880-55494-7

Date Collected: 03/10/25 00:00

Matrix: Solid

Date Received: 03/11/25 09:42

Sample Depth: 1.5

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	95		70 - 130	03/11/25 13:35	03/11/25 17:13	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			03/11/25 17:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/14/25 15:48	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		03/11/25 13:52	03/14/25 15:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		03/11/25 13:52	03/14/25 15:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/11/25 13:52	03/14/25 15:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	03/11/25 13:52	03/14/25 15:48	1
o-Terphenyl	101		70 - 130	03/11/25 13:52	03/14/25 15:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	189		10.0		mg/Kg			03/12/25 19:35	1

Client Sample ID: T-4

Lab Sample ID: 880-55494-8

Date Collected: 03/10/25 00:00

Matrix: Solid

Date Received: 03/11/25 09:42

Sample Depth: 2

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		03/11/25 13:35	03/11/25 17:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/11/25 13:35	03/11/25 17:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/11/25 13:35	03/11/25 17:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/11/25 13:35	03/11/25 17:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/11/25 13:35	03/11/25 17:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/11/25 13:35	03/11/25 17:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	03/11/25 13:35	03/11/25 17:34	1
1,4-Difluorobenzene (Surr)	98		70 - 130	03/11/25 13:35	03/11/25 17:34	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			03/11/25 17:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/14/25 16:05	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB

Job ID: 880-55494-1
 SDG: Lea Co, NM

Client Sample ID: T-4

Lab Sample ID: 880-55494-8

Date Collected: 03/10/25 00:00

Matrix: Solid

Date Received: 03/11/25 09:42

Sample Depth: 2

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		03/11/25 13:52	03/14/25 16:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0		mg/Kg		03/11/25 13:52	03/14/25 16:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/11/25 13:52	03/14/25 16:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				03/11/25 13:52	03/14/25 16:05	1
o-Terphenyl	96		70 - 130				03/11/25 13:52	03/14/25 16:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	313		9.96		mg/Kg			03/12/25 19:41	1

Client Sample ID: T-4

Lab Sample ID: 880-55494-9

Date Collected: 03/10/25 00:00

Matrix: Solid

Date Received: 03/11/25 09:42

Sample Depth: 3

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		03/11/25 13:35	03/11/25 17:54	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/11/25 13:35	03/11/25 17:54	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/11/25 13:35	03/11/25 17:54	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		03/11/25 13:35	03/11/25 17:54	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/11/25 13:35	03/11/25 17:54	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		03/11/25 13:35	03/11/25 17:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				03/11/25 13:35	03/11/25 17:54	1
1,4-Difluorobenzene (Surr)	82		70 - 130				03/11/25 13:35	03/11/25 17:54	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			03/11/25 17:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/14/25 16:20	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		03/11/25 13:52	03/14/25 16:20	1
Diesel Range Organics (Over C10-C28)	<49.8	U **	49.8		mg/Kg		03/11/25 13:52	03/14/25 16:20	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/11/25 13:52	03/14/25 16:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				03/11/25 13:52	03/14/25 16:20	1
o-Terphenyl	101		70 - 130				03/11/25 13:52	03/14/25 16:20	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB

Job ID: 880-55494-1
 SDG: Lea Co, NM

Client Sample ID: T-4

Lab Sample ID: 880-55494-9

Date Collected: 03/10/25 00:00

Matrix: Solid

Date Received: 03/11/25 09:42

Sample Depth: 3

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	124		9.96		mg/Kg			03/12/25 19:47	1

Client Sample ID: T-4

Lab Sample ID: 880-55494-10

Date Collected: 03/10/25 00:00

Matrix: Solid

Date Received: 03/11/25 09:42

Sample Depth: 4

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		03/11/25 13:35	03/11/25 18:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/11/25 13:35	03/11/25 18:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/11/25 13:35	03/11/25 18:15	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/11/25 13:35	03/11/25 18:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/11/25 13:35	03/11/25 18:15	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/11/25 13:35	03/11/25 18:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				03/11/25 13:35	03/11/25 18:15	1
1,4-Difluorobenzene (Surr)	86		70 - 130				03/11/25 13:35	03/11/25 18:15	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			03/11/25 18:15	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			03/14/25 16:37	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		03/11/25 13:52	03/14/25 16:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		03/11/25 13:52	03/14/25 16:37	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/11/25 13:52	03/14/25 16:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				03/11/25 13:52	03/14/25 16:37	1
o-Terphenyl	105		70 - 130				03/11/25 13:52	03/14/25 16:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	150	F1	10.0		mg/Kg			03/12/25 19:53	1

Client Sample Results

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB

Job ID: 880-55494-1
 SDG: Lea Co, NM

Client Sample ID: T-5

Lab Sample ID: 880-55494-11

Date Collected: 03/10/25 00:00

Matrix: Solid

Date Received: 03/11/25 09:42

Sample Depth: 0-1

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		03/11/25 12:48	03/11/25 15:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/11/25 12:48	03/11/25 15:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/11/25 12:48	03/11/25 15:40	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/11/25 12:48	03/11/25 15:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/11/25 12:48	03/11/25 15:40	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/11/25 12:48	03/11/25 15:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	03/11/25 12:48	03/11/25 15:40	1
1,4-Difluorobenzene (Surr)	95		70 - 130	03/11/25 12:48	03/11/25 15:40	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			03/11/25 15:40	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			03/14/25 16:53	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		03/11/25 13:52	03/14/25 16:53	1
Diesel Range Organics (Over C10-C28)	<49.8	U **	49.8		mg/Kg		03/11/25 13:52	03/14/25 16:53	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/11/25 13:52	03/14/25 16:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130	03/11/25 13:52	03/14/25 16:53	1
o-Terphenyl	100		70 - 130	03/11/25 13:52	03/14/25 16:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	126		9.94		mg/Kg			03/12/25 20:10	1

Client Sample ID: T-5

Lab Sample ID: 880-55494-12

Date Collected: 03/10/25 00:00

Matrix: Solid

Date Received: 03/11/25 09:42

Sample Depth: 1.5

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		03/11/25 12:48	03/11/25 16:00	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/11/25 12:48	03/11/25 16:00	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/11/25 12:48	03/11/25 16:00	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/11/25 12:48	03/11/25 16:00	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/11/25 12:48	03/11/25 16:00	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/11/25 12:48	03/11/25 16:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	03/11/25 12:48	03/11/25 16:00	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB

Job ID: 880-55494-1
 SDG: Lea Co, NM

Client Sample ID: T-5

Lab Sample ID: 880-55494-12

Date Collected: 03/10/25 00:00

Matrix: Solid

Date Received: 03/11/25 09:42

Sample Depth: 1.5

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	94		70 - 130	03/11/25 12:48	03/11/25 16:00	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			03/11/25 16:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			03/14/25 17:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		03/11/25 13:52	03/14/25 17:10	1
Diesel Range Organics (Over C10-C28)	<49.7	U **	49.7		mg/Kg		03/11/25 13:52	03/14/25 17:10	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		03/11/25 13:52	03/14/25 17:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	03/11/25 13:52	03/14/25 17:10	1
o-Terphenyl	98		70 - 130	03/11/25 13:52	03/14/25 17:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	122		10.0		mg/Kg			03/12/25 20:16	1

Client Sample ID: T-5

Lab Sample ID: 880-55494-13

Date Collected: 03/10/25 00:00

Matrix: Solid

Date Received: 03/11/25 09:42

Sample Depth: 2

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		03/11/25 12:48	03/11/25 16:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/11/25 12:48	03/11/25 16:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/11/25 12:48	03/11/25 16:21	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/11/25 12:48	03/11/25 16:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/11/25 12:48	03/11/25 16:21	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/11/25 12:48	03/11/25 16:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	03/11/25 12:48	03/11/25 16:21	1
1,4-Difluorobenzene (Surr)	87		70 - 130	03/11/25 12:48	03/11/25 16:21	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			03/11/25 16:21	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			03/14/25 17:25	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB

Job ID: 880-55494-1
 SDG: Lea Co, NM

Client Sample ID: T-5

Lab Sample ID: 880-55494-13

Date Collected: 03/10/25 00:00

Matrix: Solid

Date Received: 03/11/25 09:42

Sample Depth: 2

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		03/11/25 13:52	03/14/25 17:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0		mg/Kg		03/11/25 13:52	03/14/25 17:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/11/25 13:52	03/14/25 17:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				03/11/25 13:52	03/14/25 17:25	1
o-Terphenyl	94		70 - 130				03/11/25 13:52	03/14/25 17:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	119		9.98		mg/Kg			03/12/25 20:33	1

Client Sample ID: T-5

Lab Sample ID: 880-55494-14

Date Collected: 03/10/25 00:00

Matrix: Solid

Date Received: 03/11/25 09:42

Sample Depth: 3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0196		0.00199		mg/Kg		03/11/25 12:48	03/11/25 16:41	1
Toluene	0.0152		0.00199		mg/Kg		03/11/25 12:48	03/11/25 16:41	1
Ethylbenzene	0.00286		0.00199		mg/Kg		03/11/25 12:48	03/11/25 16:41	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/11/25 12:48	03/11/25 16:41	1
o-Xylene	0.00970		0.00199		mg/Kg		03/11/25 12:48	03/11/25 16:41	1
Xylenes, Total	0.00970		0.00398		mg/Kg		03/11/25 12:48	03/11/25 16:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				03/11/25 12:48	03/11/25 16:41	1
1,4-Difluorobenzene (Surr)	78		70 - 130				03/11/25 12:48	03/11/25 16:41	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0474		0.00398		mg/Kg			03/11/25 16:41	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			03/14/25 17:43	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		03/11/25 13:52	03/14/25 17:43	1
Diesel Range Organics (Over C10-C28)	<49.8	U **	49.8		mg/Kg		03/11/25 13:52	03/14/25 17:43	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/11/25 13:52	03/14/25 17:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130				03/11/25 13:52	03/14/25 17:43	1
o-Terphenyl	107		70 - 130				03/11/25 13:52	03/14/25 17:43	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB

Job ID: 880-55494-1
 SDG: Lea Co, NM

Client Sample ID: T-5

Lab Sample ID: 880-55494-14

Date Collected: 03/10/25 00:00
 Date Received: 03/11/25 09:42
 Sample Depth: 3

Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.6		10.0		mg/Kg			03/12/25 20:39	1

Client Sample ID: T-5

Lab Sample ID: 880-55494-15

Date Collected: 03/10/25 00:00
 Date Received: 03/11/25 09:42
 Sample Depth: 4

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/11/25 12:48	03/11/25 17:02	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/11/25 12:48	03/11/25 17:02	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/11/25 12:48	03/11/25 17:02	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/11/25 12:48	03/11/25 17:02	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/11/25 12:48	03/11/25 17:02	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/11/25 12:48	03/11/25 17:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				03/11/25 12:48	03/11/25 17:02	1
1,4-Difluorobenzene (Surr)	101		70 - 130				03/11/25 12:48	03/11/25 17:02	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			03/11/25 17:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			03/13/25 12:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		03/12/25 08:44	03/13/25 12:50	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		03/12/25 08:44	03/13/25 12:50	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		03/12/25 08:44	03/13/25 12:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				03/12/25 08:44	03/13/25 12:50	1
o-Terphenyl	76		70 - 130				03/12/25 08:44	03/13/25 12:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	220		9.98		mg/Kg			03/12/25 20:44	1

Surrogate Summary

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB

Job ID: 880-55494-1
 SDG: Lea Co, NM

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)
880-55494-1	T-1	93	93
880-55494-2	T-1	85	94
880-55494-3	T-1	91	78
880-55494-4	T-1	88	95
880-55494-5	T-1	87	79
880-55494-6	T-4	88	91
880-55494-7	T-4	88	95
880-55494-8	T-4	89	98
880-55494-9	T-4	94	82
880-55494-10	T-4	97	86
880-55494-11	T-5	104	95
880-55494-12	T-5	108	94
880-55494-13	T-5	105	87
880-55494-14	T-5	93	78
880-55494-15	T-5	117	101
890-7793-A-1-A MS	Matrix Spike	87	105
890-7793-A-1-B MSD	Matrix Spike Duplicate	98	106
890-7793-A-13-A MS	Matrix Spike	144 S1+	123
890-7793-A-13-B MSD	Matrix Spike Duplicate	93	132 S1+
LCS 880-104939/1-A	Lab Control Sample	115	94
LCS 880-104941/1-A	Lab Control Sample	99	108
LCSD 880-104939/2-A	Lab Control Sample Dup	105	86
LCSD 880-104941/2-A	Lab Control Sample Dup	110	101
MB 880-104939/5-A	Method Blank	87	95
MB 880-104941/5-A	Method Blank	92	89

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)
880-55488-A-1-C MS	Matrix Spike	92	98
880-55488-A-1-D MSD	Matrix Spike Duplicate	117	99
880-55494-1	T-1	98	122
880-55494-2	T-1	101	94
880-55494-3	T-1	105	97
880-55494-4	T-1	107	99
880-55494-5	T-1	100	92
880-55494-6	T-4	103	95
880-55494-7	T-4	107	101
880-55494-8	T-4	103	96
880-55494-9	T-4	106	101
880-55494-10	T-4	112	105
880-55494-11	T-5	111	100
880-55494-12	T-5	107	98

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Surrogate Summary

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB

Job ID: 880-55494-1
 SDG: Lea Co, NM

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-55494-13	T-5	103	94
880-55494-14	T-5	118	107
880-55494-15	T-5	87	76
880-55494-15 MS	T-5	81	76
880-55494-15 MSD	T-5	83	79
890-7811-A-1-E MS	Matrix Spike	117	123
890-7811-A-1-F MSD	Matrix Spike Duplicate	141 S1+	124
LCS 880-105048/2-A	Lab Control Sample	154 S1+	170 S1+
LCS 880-105105/2-A	Lab Control Sample	109	106
LCS 880-105359/2-A	Lab Control Sample	96	104
LCSD 880-105048/3-A	Lab Control Sample Dup	176 S1+	163 S1+
LCSD 880-105105/3-A	Lab Control Sample Dup	103	102
LCSD 880-105359/3-A	Lab Control Sample Dup	112	104
MB 880-105048/1-A	Method Blank	109	110
MB 880-105105/1-A	Method Blank	103	99
MB 880-105359/1-A	Method Blank	104	108

Surrogate Legend

1CO = 1-Chlorooctane
 OTPH = o-Terphenyl

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

QC Sample Results

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB

Job ID: 880-55494-1
 SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-104939/5-A
 Matrix: Solid
 Analysis Batch: 104948

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 104939

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/10/25 15:58	03/11/25 10:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/10/25 15:58	03/11/25 10:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/10/25 15:58	03/11/25 10:20	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/10/25 15:58	03/11/25 10:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/10/25 15:58	03/11/25 10:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/10/25 15:58	03/11/25 10:20	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130	03/10/25 15:58	03/11/25 10:20	1
1,4-Difluorobenzene (Surr)	95		70 - 130	03/10/25 15:58	03/11/25 10:20	1

Lab Sample ID: LCS 880-104939/1-A
 Matrix: Solid
 Analysis Batch: 104948

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 104939

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1072		mg/Kg		107	70 - 130
Toluene	0.100	0.09606		mg/Kg		96	70 - 130
Ethylbenzene	0.100	0.1139		mg/Kg		114	70 - 130
m-Xylene & p-Xylene	0.200	0.2111		mg/Kg		106	70 - 130
o-Xylene	0.100	0.1266		mg/Kg		127	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: LCSD 880-104939/2-A
 Matrix: Solid
 Analysis Batch: 104948

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 104939

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09370		mg/Kg		94	70 - 130	13	35
Toluene	0.100	0.09332		mg/Kg		93	70 - 130	3	35
Ethylbenzene	0.100	0.1138		mg/Kg		114	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2094		mg/Kg		105	70 - 130	1	35
o-Xylene	0.100	0.1033		mg/Kg		103	70 - 130	20	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	86		70 - 130

Lab Sample ID: 890-7793-A-1-A MS
 Matrix: Solid
 Analysis Batch: 104948

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 104939

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1	0.100	0.06849	F1	mg/Kg		68	70 - 130
Toluene	<0.00200	U F1	0.100	0.06094	F1	mg/Kg		61	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB

Job ID: 880-55494-1
 SDG: Lea Co, NM

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

Lab Sample ID: 890-7793-A-1-A MS

Client Sample ID: Matrix Spike

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 104948

Prep Batch: 104939

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec
	Result	Qualifier		Added	Result				
Ethylbenzene	<0.00200	U F1	0.100	0.05936	F1	mg/Kg		59	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1179	F1	mg/Kg		59	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.05625	F1	mg/Kg		56	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	87		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 890-7793-A-1-B MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 104948

Prep Batch: 104939

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier		Added	Result						
Benzene	<0.00200	U F1	0.100	0.08339		mg/Kg		83	70 - 130	20	35
Toluene	<0.00200	U F1	0.100	0.07339		mg/Kg		73	70 - 130	19	35
Ethylbenzene	<0.00200	U F1	0.100	0.08113		mg/Kg		81	70 - 130	31	35
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1499		mg/Kg		75	70 - 130	24	35
o-Xylene	<0.00200	U F1	0.100	0.07372		mg/Kg		74	70 - 130	27	35

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: MB 880-104941/5-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 104944

Prep Batch: 104941

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		03/10/25 16:03	03/11/25 10:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/10/25 16:03	03/11/25 10:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/10/25 16:03	03/11/25 10:39	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/10/25 16:03	03/11/25 10:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/10/25 16:03	03/11/25 10:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/10/25 16:03	03/11/25 10:39	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	92		70 - 130	03/10/25 16:03	03/11/25 10:39	1
1,4-Difluorobenzene (Surr)	89		70 - 130	03/10/25 16:03	03/11/25 10:39	1

Lab Sample ID: LCS 880-104941/1-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 104944

Prep Batch: 104941

Analyte	Spike	Added	LCS	LCS	Unit	D	%Rec	%Rec
			Result	Qualifier				
Benzene	0.100	0.1172			mg/Kg		117	70 - 130
Toluene	0.100	0.1219			mg/Kg		122	70 - 130
Ethylbenzene	0.100	0.1193			mg/Kg		119	70 - 130
m-Xylene & p-Xylene	0.200	0.2144			mg/Kg		107	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB

Job ID: 880-55494-1
 SDG: Lea Co, NM

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

Lab Sample ID: LCS 880-104941/1-A
 Matrix: Solid
 Analysis Batch: 104944

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 104941

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1132		mg/Kg		113	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: LCSD 880-104941/2-A
 Matrix: Solid
 Analysis Batch: 104944

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 104941

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1119		mg/Kg		112	70 - 130	5	35
Toluene	0.100	0.1254		mg/Kg		125	70 - 130	3	35
Ethylbenzene	0.100	0.1245		mg/Kg		125	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.2246		mg/Kg		112	70 - 130	5	35
o-Xylene	0.100	0.1193		mg/Kg		119	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 890-7793-A-13-A MS
 Matrix: Solid
 Analysis Batch: 104944

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 104941

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1 F2	0.100	0.08987		mg/Kg		90	70 - 130
Toluene	<0.00200	U	0.100	0.08341		mg/Kg		83	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.1014		mg/Kg		101	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1 F2	0.200	0.2457		mg/Kg		123	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.07628		mg/Kg		76	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130
1,4-Difluorobenzene (Surr)	123		70 - 130

Lab Sample ID: 890-7793-A-13-B MSD
 Matrix: Solid
 Analysis Batch: 104944

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA
 Prep Batch: 104941

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00200	U F1 F2	0.100	0.004189	F1 F2	mg/Kg		4	70 - 130	182	35
Toluene	<0.00200	U	0.100	0.07259		mg/Kg		73	70 - 130	14	35
Ethylbenzene	<0.00200	U	0.100	0.07725		mg/Kg		77	70 - 130	27	35
m-Xylene & p-Xylene	<0.00399	U F1 F2	0.200	0.1359	F1 F2	mg/Kg		68	70 - 130	58	35
o-Xylene	<0.00200	U F1	0.100	0.06111	F1	mg/Kg		61	70 - 130	22	35

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QC Sample Results

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB

Job ID: 880-55494-1
 SDG: Lea Co, NM

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

Lab Sample ID: 890-7793-A-13-B MSD
 Matrix: Solid
 Analysis Batch: 104944

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA
 Prep Batch: 104941

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	93		70 - 130
1,4-Difluorobenzene (Surr)	132	S1+	70 - 130

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

Lab Sample ID: MB 880-105048/1-A
 Matrix: Solid
 Analysis Batch: 105295

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 105048

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/11/25 13:52	03/14/25 09:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/11/25 13:52	03/14/25 09:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/11/25 13:52	03/14/25 09:41	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	109		70 - 130	03/11/25 13:52	03/14/25 09:41	1
o-Terphenyl	110		70 - 130	03/11/25 13:52	03/14/25 09:41	1

Lab Sample ID: LCS 880-105048/2-A
 Matrix: Solid
 Analysis Batch: 105295

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 105048

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec	
		Result	Qualifier				Limits	
Gasoline Range Organics (GRO)-C6-C10	1000	1151		mg/Kg		115	70 - 130	
Diesel Range Organics (Over C10-C28)	1000	1502	*+	mg/Kg		150	70 - 130	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	154	S1+	70 - 130
o-Terphenyl	170	S1+	70 - 130

Lab Sample ID: LCSD 880-105048/3-A
 Matrix: Solid
 Analysis Batch: 105295

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 105048

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec		RPD	
		Result	Qualifier				Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	1000	1114		mg/Kg		111	70 - 130	3	20	
Diesel Range Organics (Over C10-C28)	1000	1358	*+	mg/Kg		136	70 - 130	10	20	

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	176	S1+	70 - 130
o-Terphenyl	163	S1+	70 - 130

QC Sample Results

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB

Job ID: 880-55494-1
 SDG: Lea Co, NM

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

Lab Sample ID: LCS 880-105105/2-A
Matrix: Solid
Analysis Batch: 105121

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 105105

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	109		70 - 130
o-Terphenyl	106		70 - 130

Lab Sample ID: LCSD 880-105105/3-A
Matrix: Solid
Analysis Batch: 105121

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 105105

Analyte	Spike Added	LCSD		Unit	D	%Rec	%Rec		RPD	Limit
		Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	946.2		mg/Kg		95	70 - 130	1		20
Diesel Range Organics (Over C10-C28)	1000	927.9		mg/Kg		93	70 - 130	3		20

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	103		70 - 130
o-Terphenyl	102		70 - 130

Lab Sample ID: 880-55494-15 MS
Matrix: Solid
Analysis Batch: 105121

Client Sample ID: T-5
Prep Type: Total/NA
Prep Batch: 105105

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	996	1075		mg/Kg		108	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.7	U	996	971.5		mg/Kg		98	70 - 130	

Surrogate	MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	81		70 - 130
o-Terphenyl	76		70 - 130

Lab Sample ID: 880-55494-15 MSD
Matrix: Solid
Analysis Batch: 105121

Client Sample ID: T-5
Prep Type: Total/NA
Prep Batch: 105105

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	996	1021		mg/Kg		102	70 - 130	5	20	
Diesel Range Organics (Over C10-C28)	<49.7	U	996	924.4		mg/Kg		93	70 - 130	5	20	

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	83		70 - 130
o-Terphenyl	79		70 - 130

QC Sample Results

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB

Job ID: 880-55494-1
 SDG: Lea Co, NM

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

Lab Sample ID: MB 880-105359/1-A
Matrix: Solid
Analysis Batch: 105392

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 105359

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/17/25 08:14	03/17/25 10:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/17/25 08:14	03/17/25 10:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/17/25 08:14	03/17/25 10:21	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	104		70 - 130	03/17/25 08:14	03/17/25 10:21	1
o-Terphenyl	108		70 - 130	03/17/25 08:14	03/17/25 10:21	1

Lab Sample ID: LCS 880-105359/2-A
Matrix: Solid
Analysis Batch: 105392

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 105359

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	1000	853.8		mg/Kg		85	70 - 130
Diesel Range Organics (Over C10-C28)	1000	901.7		mg/Kg		90	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1-Chlorooctane	96		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: LCSD 880-105359/3-A
Matrix: Solid
Analysis Batch: 105392

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 105359

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Gasoline Range Organics (GRO)-C6-C10	1000	838.0		mg/Kg		84	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	839.3		mg/Kg		84	70 - 130	7	20

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
1-Chlorooctane	112		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: 890-7811-A-1-E MS
Matrix: Solid
Analysis Batch: 105392

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 105359

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	<49.7	U F2	9.92	8.705		mg/Kg		88	70 - 130
Diesel Range Organics (Over C10-C28)	<49.7	U F2 F1	9.92	9.575	F1	mg/Kg		-68	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB

Job ID: 880-55494-1
 SDG: Lea Co, NM

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

Lab Sample ID: 890-7811-A-1-E MS
 Matrix: Solid
 Analysis Batch: 105392

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 105359

Surrogate	%Recovery	MS MS Qualifier	Limits
1-Chlorooctane	117		70 - 130
o-Terphenyl	123		70 - 130

Lab Sample ID: 890-7811-A-1-F MSD
 Matrix: Solid
 Analysis Batch: 105392

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA
 Prep Batch: 105359

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<49.7	U F2	997	881.7	F2	mg/Kg		88	70 - 130	196	20	
Diesel Range Organics (Over C10-C28)	<49.7	U F2 F1	997	907.6	F2	mg/Kg		89	70 - 130	196	20	

Surrogate	%Recovery	MSD MSD Qualifier	Limits
1-Chlorooctane	141	S1+	70 - 130
o-Terphenyl	124		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-105113/1-A
 Matrix: Solid
 Analysis Batch: 105124

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			03/12/25 18:15	1

Lab Sample ID: LCS 880-105113/2-A
 Matrix: Solid
 Analysis Batch: 105124

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	263.7		mg/Kg		105	90 - 110

Lab Sample ID: LCSD 880-105113/3-A
 Matrix: Solid
 Analysis Batch: 105124

Client Sample ID: Lab Control Sample Dup
 Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Chloride	250	263.8		mg/Kg		106	90 - 110	0	20

Lab Sample ID: 880-55494-10 MS
 Matrix: Solid
 Analysis Batch: 105124

Client Sample ID: T-4
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	150	F1	251	466.8	F1	mg/Kg		127	90 - 110

QC Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 19 CTB

Job ID: 880-55494-1
SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-55494-10 MSD
Matrix: Solid
Analysis Batch: 105124

Client Sample ID: T-4
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	150	F1	251	467.3	F1	mg/Kg		127	90 - 110	0	20

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QC Association Summary

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB

Job ID: 880-55494-1
 SDG: Lea Co, NM

GC VOA

Prep Batch: 104939

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55494-1	T-1	Total/NA	Solid	5035	
880-55494-2	T-1	Total/NA	Solid	5035	
880-55494-3	T-1	Total/NA	Solid	5035	
880-55494-4	T-1	Total/NA	Solid	5035	
880-55494-5	T-1	Total/NA	Solid	5035	
880-55494-6	T-4	Total/NA	Solid	5035	
880-55494-7	T-4	Total/NA	Solid	5035	
880-55494-8	T-4	Total/NA	Solid	5035	
880-55494-9	T-4	Total/NA	Solid	5035	
880-55494-10	T-4	Total/NA	Solid	5035	
MB 880-104939/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-104939/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-104939/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7793-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
890-7793-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 104941

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55494-11	T-5	Total/NA	Solid	5035	
880-55494-12	T-5	Total/NA	Solid	5035	
880-55494-13	T-5	Total/NA	Solid	5035	
880-55494-14	T-5	Total/NA	Solid	5035	
880-55494-15	T-5	Total/NA	Solid	5035	
MB 880-104941/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-104941/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-104941/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7793-A-13-A MS	Matrix Spike	Total/NA	Solid	5035	
890-7793-A-13-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 104944

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55494-11	T-5	Total/NA	Solid	8021B	104941
880-55494-12	T-5	Total/NA	Solid	8021B	104941
880-55494-13	T-5	Total/NA	Solid	8021B	104941
880-55494-14	T-5	Total/NA	Solid	8021B	104941
880-55494-15	T-5	Total/NA	Solid	8021B	104941
MB 880-104941/5-A	Method Blank	Total/NA	Solid	8021B	104941
LCS 880-104941/1-A	Lab Control Sample	Total/NA	Solid	8021B	104941
LCSD 880-104941/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	104941
890-7793-A-13-A MS	Matrix Spike	Total/NA	Solid	8021B	104941
890-7793-A-13-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	104941

Analysis Batch: 104948

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55494-1	T-1	Total/NA	Solid	8021B	104939
880-55494-2	T-1	Total/NA	Solid	8021B	104939
880-55494-3	T-1	Total/NA	Solid	8021B	104939
880-55494-4	T-1	Total/NA	Solid	8021B	104939
880-55494-5	T-1	Total/NA	Solid	8021B	104939
880-55494-6	T-4	Total/NA	Solid	8021B	104939
880-55494-7	T-4	Total/NA	Solid	8021B	104939

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QC Association Summary

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB

Job ID: 880-55494-1
 SDG: Lea Co, NM

GC VOA (Continued)

Analysis Batch: 104948 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55494-8	T-4	Total/NA	Solid	8021B	104939
880-55494-9	T-4	Total/NA	Solid	8021B	104939
880-55494-10	T-4	Total/NA	Solid	8021B	104939
MB 880-104939/5-A	Method Blank	Total/NA	Solid	8021B	104939
LCS 880-104939/1-A	Lab Control Sample	Total/NA	Solid	8021B	104939
LCSD 880-104939/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	104939
890-7793-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	104939
890-7793-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	104939

Analysis Batch: 105141

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55494-1	T-1	Total/NA	Solid	Total BTEX	
880-55494-2	T-1	Total/NA	Solid	Total BTEX	
880-55494-3	T-1	Total/NA	Solid	Total BTEX	
880-55494-4	T-1	Total/NA	Solid	Total BTEX	
880-55494-5	T-1	Total/NA	Solid	Total BTEX	
880-55494-6	T-4	Total/NA	Solid	Total BTEX	
880-55494-7	T-4	Total/NA	Solid	Total BTEX	
880-55494-8	T-4	Total/NA	Solid	Total BTEX	
880-55494-9	T-4	Total/NA	Solid	Total BTEX	
880-55494-10	T-4	Total/NA	Solid	Total BTEX	
880-55494-11	T-5	Total/NA	Solid	Total BTEX	
880-55494-12	T-5	Total/NA	Solid	Total BTEX	
880-55494-13	T-5	Total/NA	Solid	Total BTEX	
880-55494-14	T-5	Total/NA	Solid	Total BTEX	
880-55494-15	T-5	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 105048

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55494-3	T-1	Total/NA	Solid	8015NM Prep	
880-55494-4	T-1	Total/NA	Solid	8015NM Prep	
880-55494-5	T-1	Total/NA	Solid	8015NM Prep	
880-55494-6	T-4	Total/NA	Solid	8015NM Prep	
880-55494-7	T-4	Total/NA	Solid	8015NM Prep	
880-55494-8	T-4	Total/NA	Solid	8015NM Prep	
880-55494-9	T-4	Total/NA	Solid	8015NM Prep	
880-55494-10	T-4	Total/NA	Solid	8015NM Prep	
880-55494-11	T-5	Total/NA	Solid	8015NM Prep	
880-55494-12	T-5	Total/NA	Solid	8015NM Prep	
880-55494-13	T-5	Total/NA	Solid	8015NM Prep	
880-55494-14	T-5	Total/NA	Solid	8015NM Prep	
MB 880-105048/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-105048/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-105048/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-55488-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-55488-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB

Job ID: 880-55494-1
 SDG: Lea Co, NM

GC Semi VOA

Prep Batch: 105105

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55494-15	T-5	Total/NA	Solid	8015NM Prep	
MB 880-105105/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-105105/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-105105/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-55494-15 MS	T-5	Total/NA	Solid	8015NM Prep	
880-55494-15 MSD	T-5	Total/NA	Solid	8015NM Prep	

Analysis Batch: 105121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55494-15	T-5	Total/NA	Solid	8015B NM	105105
MB 880-105105/1-A	Method Blank	Total/NA	Solid	8015B NM	105105
LCS 880-105105/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	105105
LCSD 880-105105/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	105105
880-55494-15 MS	T-5	Total/NA	Solid	8015B NM	105105
880-55494-15 MSD	T-5	Total/NA	Solid	8015B NM	105105

Analysis Batch: 105295

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55494-3	T-1	Total/NA	Solid	8015B NM	105048
880-55494-4	T-1	Total/NA	Solid	8015B NM	105048
880-55494-5	T-1	Total/NA	Solid	8015B NM	105048
880-55494-6	T-4	Total/NA	Solid	8015B NM	105048
880-55494-7	T-4	Total/NA	Solid	8015B NM	105048
880-55494-8	T-4	Total/NA	Solid	8015B NM	105048
880-55494-9	T-4	Total/NA	Solid	8015B NM	105048
880-55494-10	T-4	Total/NA	Solid	8015B NM	105048
880-55494-11	T-5	Total/NA	Solid	8015B NM	105048
880-55494-12	T-5	Total/NA	Solid	8015B NM	105048
880-55494-13	T-5	Total/NA	Solid	8015B NM	105048
880-55494-14	T-5	Total/NA	Solid	8015B NM	105048
MB 880-105048/1-A	Method Blank	Total/NA	Solid	8015B NM	105048
LCS 880-105048/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	105048
LCSD 880-105048/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	105048
880-55488-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	105048
880-55488-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	105048

Analysis Batch: 105306

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55494-1	T-1	Total/NA	Solid	8015 NM	
880-55494-2	T-1	Total/NA	Solid	8015 NM	
880-55494-3	T-1	Total/NA	Solid	8015 NM	
880-55494-4	T-1	Total/NA	Solid	8015 NM	
880-55494-5	T-1	Total/NA	Solid	8015 NM	
880-55494-6	T-4	Total/NA	Solid	8015 NM	
880-55494-7	T-4	Total/NA	Solid	8015 NM	
880-55494-8	T-4	Total/NA	Solid	8015 NM	
880-55494-9	T-4	Total/NA	Solid	8015 NM	
880-55494-10	T-4	Total/NA	Solid	8015 NM	
880-55494-11	T-5	Total/NA	Solid	8015 NM	
880-55494-12	T-5	Total/NA	Solid	8015 NM	
880-55494-13	T-5	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB

Job ID: 880-55494-1
 SDG: Lea Co, NM

GC Semi VOA (Continued)

Analysis Batch: 105306 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55494-14	T-5	Total/NA	Solid	8015 NM	
880-55494-15	T-5	Total/NA	Solid	8015 NM	

Prep Batch: 105359

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55494-1	T-1	Total/NA	Solid	8015NM Prep	
880-55494-2	T-1	Total/NA	Solid	8015NM Prep	
MB 880-105359/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-105359/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-105359/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7811-A-1-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7811-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 105392

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55494-1	T-1	Total/NA	Solid	8015B NM	105359
880-55494-2	T-1	Total/NA	Solid	8015B NM	105359
MB 880-105359/1-A	Method Blank	Total/NA	Solid	8015B NM	105359
LCS 880-105359/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	105359
LCSD 880-105359/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	105359
890-7811-A-1-E MS	Matrix Spike	Total/NA	Solid	8015B NM	105359
890-7811-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	105359

HPLC/IC

Leach Batch: 105113

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55494-1	T-1	Soluble	Solid	DI Leach	
880-55494-2	T-1	Soluble	Solid	DI Leach	
880-55494-3	T-1	Soluble	Solid	DI Leach	
880-55494-4	T-1	Soluble	Solid	DI Leach	
880-55494-5	T-1	Soluble	Solid	DI Leach	
880-55494-6	T-4	Soluble	Solid	DI Leach	
880-55494-7	T-4	Soluble	Solid	DI Leach	
880-55494-8	T-4	Soluble	Solid	DI Leach	
880-55494-9	T-4	Soluble	Solid	DI Leach	
880-55494-10	T-4	Soluble	Solid	DI Leach	
880-55494-11	T-5	Soluble	Solid	DI Leach	
880-55494-12	T-5	Soluble	Solid	DI Leach	
880-55494-13	T-5	Soluble	Solid	DI Leach	
880-55494-14	T-5	Soluble	Solid	DI Leach	
880-55494-15	T-5	Soluble	Solid	DI Leach	
MB 880-105113/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-105113/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-105113/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-55494-10 MS	T-4	Soluble	Solid	DI Leach	
880-55494-10 MSD	T-4	Soluble	Solid	DI Leach	

Analysis Batch: 105124

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55494-1	T-1	Soluble	Solid	300.0	105113

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB

Job ID: 880-55494-1
 SDG: Lea Co, NM

HPLC/IC (Continued)

Analysis Batch: 105124 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55494-2	T-1	Soluble	Solid	300.0	105113
880-55494-3	T-1	Soluble	Solid	300.0	105113
880-55494-4	T-1	Soluble	Solid	300.0	105113
880-55494-5	T-1	Soluble	Solid	300.0	105113
880-55494-6	T-4	Soluble	Solid	300.0	105113
880-55494-7	T-4	Soluble	Solid	300.0	105113
880-55494-8	T-4	Soluble	Solid	300.0	105113
880-55494-9	T-4	Soluble	Solid	300.0	105113
880-55494-10	T-4	Soluble	Solid	300.0	105113
880-55494-11	T-5	Soluble	Solid	300.0	105113
880-55494-12	T-5	Soluble	Solid	300.0	105113
880-55494-13	T-5	Soluble	Solid	300.0	105113
880-55494-14	T-5	Soluble	Solid	300.0	105113
880-55494-15	T-5	Soluble	Solid	300.0	105113
MB 880-105113/1-A	Method Blank	Soluble	Solid	300.0	105113
LCS 880-105113/2-A	Lab Control Sample	Soluble	Solid	300.0	105113
LCSD 880-105113/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	105113
880-55494-10 MS	T-4	Soluble	Solid	300.0	105113
880-55494-10 MSD	T-4	Soluble	Solid	300.0	105113

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Lab Chronicle

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB

Job ID: 880-55494-1
 SDG: Lea Co, NM

Client Sample ID: T-1

Lab Sample ID: 880-55494-1

Date Collected: 03/10/25 00:00

Matrix: Solid

Date Received: 03/11/25 09:42

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	104939	03/11/25 13:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104948	03/11/25 15:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			105141	03/11/25 15:10	AJ	EET MID
Total/NA	Analysis	8015 NM		1			105306	03/17/25 14:16	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	105359	03/17/25 08:14	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	105392	03/17/25 14:16	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	105113	03/12/25 09:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	105124	03/12/25 18:49	SMC	EET MID

Client Sample ID: T-1

Lab Sample ID: 880-55494-2

Date Collected: 03/10/25 00:00

Matrix: Solid

Date Received: 03/11/25 09:42

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	104939	03/11/25 13:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104948	03/11/25 15:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			105141	03/11/25 15:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			105306	03/17/25 13:44	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	105359	03/17/25 08:14	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	105392	03/17/25 13:44	TKC	EET MID
Soluble	Leach	DI Leach			5.0 g	50 mL	105113	03/12/25 09:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	105124	03/12/25 18:55	SMC	EET MID

Client Sample ID: T-1

Lab Sample ID: 880-55494-3

Date Collected: 03/10/25 00:00

Matrix: Solid

Date Received: 03/11/25 09:42

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	104939	03/11/25 13:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104948	03/11/25 15:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			105141	03/11/25 15:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			105306	03/14/25 14:28	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	105048	03/11/25 13:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	105295	03/14/25 14:28	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	105113	03/12/25 09:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	105124	03/12/25 19:01	SMC	EET MID

Client Sample ID: T-1

Lab Sample ID: 880-55494-4

Date Collected: 03/10/25 00:00

Matrix: Solid

Date Received: 03/11/25 09:42

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	104939	03/11/25 13:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104948	03/11/25 16:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			105141	03/11/25 16:12	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB

Job ID: 880-55494-1
 SDG: Lea Co, NM

Client Sample ID: T-1

Lab Sample ID: 880-55494-4

Date Collected: 03/10/25 00:00

Matrix: Solid

Date Received: 03/11/25 09:42

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			105306	03/14/25 14:44	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	105048	03/11/25 13:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	105295	03/14/25 14:44	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	105113	03/12/25 09:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	105124	03/12/25 19:07	SMC	EET MID

Client Sample ID: T-1

Lab Sample ID: 880-55494-5

Date Collected: 03/10/25 00:00

Matrix: Solid

Date Received: 03/11/25 09:42

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	104939	03/11/25 13:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104948	03/11/25 16:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			105141	03/11/25 16:32	AJ	EET MID
Total/NA	Analysis	8015 NM		1			105306	03/14/25 15:17	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	105048	03/11/25 13:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	105295	03/14/25 15:17	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	105113	03/12/25 09:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	105124	03/12/25 19:24	SMC	EET MID

Client Sample ID: T-4

Lab Sample ID: 880-55494-6

Date Collected: 03/10/25 00:00

Matrix: Solid

Date Received: 03/11/25 09:42

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	104939	03/11/25 13:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104948	03/11/25 16:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			105141	03/11/25 16:53	AJ	EET MID
Total/NA	Analysis	8015 NM		1			105306	03/14/25 15:33	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	105048	03/11/25 13:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	105295	03/14/25 15:33	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	105113	03/12/25 09:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	105124	03/12/25 19:30	SMC	EET MID

Client Sample ID: T-4

Lab Sample ID: 880-55494-7

Date Collected: 03/10/25 00:00

Matrix: Solid

Date Received: 03/11/25 09:42

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	104939	03/11/25 13:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104948	03/11/25 17:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			105141	03/11/25 17:13	AJ	EET MID
Total/NA	Analysis	8015 NM		1			105306	03/14/25 15:48	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	105048	03/11/25 13:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	105295	03/14/25 15:48	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB

Job ID: 880-55494-1
 SDG: Lea Co, NM

Client Sample ID: T-4

Lab Sample ID: 880-55494-7

Date Collected: 03/10/25 00:00

Matrix: Solid

Date Received: 03/11/25 09:42

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	105113	03/12/25 09:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	105124	03/12/25 19:35	SMC	EET MID

Client Sample ID: T-4

Lab Sample ID: 880-55494-8

Date Collected: 03/10/25 00:00

Matrix: Solid

Date Received: 03/11/25 09:42

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	104939	03/11/25 13:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104948	03/11/25 17:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			105141	03/11/25 17:34	AJ	EET MID
Total/NA	Analysis	8015 NM		1			105306	03/14/25 16:05	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	105048	03/11/25 13:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	105295	03/14/25 16:05	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	105113	03/12/25 09:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	105124	03/12/25 19:41	SMC	EET MID

Client Sample ID: T-4

Lab Sample ID: 880-55494-9

Date Collected: 03/10/25 00:00

Matrix: Solid

Date Received: 03/11/25 09:42

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	104939	03/11/25 13:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104948	03/11/25 17:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			105141	03/11/25 17:54	AJ	EET MID
Total/NA	Analysis	8015 NM		1			105306	03/14/25 16:20	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	105048	03/11/25 13:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	105295	03/14/25 16:20	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	105113	03/12/25 09:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	105124	03/12/25 19:47	SMC	EET MID

Client Sample ID: T-4

Lab Sample ID: 880-55494-10

Date Collected: 03/10/25 00:00

Matrix: Solid

Date Received: 03/11/25 09:42

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	104939	03/11/25 13:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104948	03/11/25 18:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			105141	03/11/25 18:15	AJ	EET MID
Total/NA	Analysis	8015 NM		1			105306	03/14/25 16:37	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	105048	03/11/25 13:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	105295	03/14/25 16:37	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	105113	03/12/25 09:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	105124	03/12/25 19:53	SMC	EET MID

Lab Chronicle

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB

Job ID: 880-55494-1
 SDG: Lea Co, NM

Client Sample ID: T-5

Lab Sample ID: 880-55494-11

Date Collected: 03/10/25 00:00

Matrix: Solid

Date Received: 03/11/25 09:42

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	104941	03/11/25 12:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104944	03/11/25 15:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			105141	03/11/25 15:40	AJ	EET MID
Total/NA	Analysis	8015 NM		1			105306	03/14/25 16:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	105048	03/11/25 13:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	105295	03/14/25 16:53	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	105113	03/12/25 09:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	105124	03/12/25 20:10	SMC	EET MID

Client Sample ID: T-5

Lab Sample ID: 880-55494-12

Date Collected: 03/10/25 00:00

Matrix: Solid

Date Received: 03/11/25 09:42

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	104941	03/11/25 12:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104944	03/11/25 16:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			105141	03/11/25 16:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			105306	03/14/25 17:10	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	105048	03/11/25 13:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	105295	03/14/25 17:10	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	105113	03/12/25 09:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	105124	03/12/25 20:16	SMC	EET MID

Client Sample ID: T-5

Lab Sample ID: 880-55494-13

Date Collected: 03/10/25 00:00

Matrix: Solid

Date Received: 03/11/25 09:42

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	104941	03/11/25 12:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104944	03/11/25 16:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			105141	03/11/25 16:21	AJ	EET MID
Total/NA	Analysis	8015 NM		1			105306	03/14/25 17:25	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	105048	03/11/25 13:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	105295	03/14/25 17:25	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	105113	03/12/25 09:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	105124	03/12/25 20:33	SMC	EET MID

Client Sample ID: T-5

Lab Sample ID: 880-55494-14

Date Collected: 03/10/25 00:00

Matrix: Solid

Date Received: 03/11/25 09:42

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	104941	03/11/25 12:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104944	03/11/25 16:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			105141	03/11/25 16:41	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB

Job ID: 880-55494-1
 SDG: Lea Co, NM

Client Sample ID: T-5

Lab Sample ID: 880-55494-14

Date Collected: 03/10/25 00:00

Matrix: Solid

Date Received: 03/11/25 09:42

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			105306	03/14/25 17:43	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	105048	03/11/25 13:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	105295	03/14/25 17:43	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	105113	03/12/25 09:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	105124	03/12/25 20:39	SMC	EET MID

Client Sample ID: T-5

Lab Sample ID: 880-55494-15

Date Collected: 03/10/25 00:00

Matrix: Solid

Date Received: 03/11/25 09:42

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	104941	03/11/25 12:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104944	03/11/25 17:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			105141	03/11/25 17:02	AJ	EET MID
Total/NA	Analysis	8015 NM		1			105306	03/13/25 12:50	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	105105	03/12/25 08:44	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	105121	03/13/25 12:50	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	105113	03/12/25 09:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	105124	03/12/25 20:44	SMC	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Salado Draw 19 CTB

Job ID: 880-55494-1
SDG: Lea Co, NM

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
- 2
- 3
- 4
- 5
- 6
- 7
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- 12
- 13
- 14

Method Summary

Client: Carmona Resources
 Project/Site: Salado Draw 19 CTB

Job ID: 880-55494-1
 SDG: Lea Co, NM

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: Salado Draw 19 CTB

Job ID: 880-55494-1
SDG: Lea Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-55494-1	T-1	Solid	03/10/25 00:00	03/11/25 09:42	0-1
880-55494-2	T-1	Solid	03/10/25 00:00	03/11/25 09:42	1.5
880-55494-3	T-1	Solid	03/10/25 00:00	03/11/25 09:42	2
880-55494-4	T-1	Solid	03/10/25 00:00	03/11/25 09:42	3
880-55494-5	T-1	Solid	03/10/25 00:00	03/11/25 09:42	4
880-55494-6	T-4	Solid	03/10/25 00:00	03/11/25 09:42	0-1
880-55494-7	T-4	Solid	03/10/25 00:00	03/11/25 09:42	1.5
880-55494-8	T-4	Solid	03/10/25 00:00	03/11/25 09:42	2
880-55494-9	T-4	Solid	03/10/25 00:00	03/11/25 09:42	3
880-55494-10	T-4	Solid	03/10/25 00:00	03/11/25 09:42	4
880-55494-11	T-5	Solid	03/10/25 00:00	03/11/25 09:42	0-1
880-55494-12	T-5	Solid	03/10/25 00:00	03/11/25 09:42	1.5
880-55494-13	T-5	Solid	03/10/25 00:00	03/11/25 09:42	2
880-55494-14	T-5	Solid	03/10/25 00:00	03/11/25 09:42	3
880-55494-15	T-5	Solid	03/10/25 00:00	03/11/25 09:42	4

- 1
- 2
- 3
- 4
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- 11
- 12
- 13
- 14

Chain of Custody



Page 1 of 2

Work Order Comments

Program: UST/PST PRP Ironfields RRC perfund

State of Project: Level II Level III ST/UST RRP Level IV

Deliverables: EDD ADaPT Other:

Project Manager: Ashton Thielke
 Company Name: Carmona Resources
 Address: 310 West Wall Ste. 500
 City, State ZIP: Midland, TX 79701
 Phone: 432-813-8988
 Email: ThielkeA@Carmonaresources.com

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

ANALYSIS REQUEST

Project Name: Salado Draw 19 CTB
 Project Number: 2662
 Project Location: Lea Co, NM
 Sampler's Name: RP
 PO #:

Turn Around: Routine Rush
 Due Date: Normal

Pres. Code: Parameters

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

Sample Identification	Date	Time	Soil	Depth	Grab/Comp	# of Cont	Parameters		Sample Comments
							Temp Blank:	Wet Ice:	
T-1	3/10/2025		X	0-1	Grab	1	Yes	No	HOLD BTEX 8021B TPFH 8015M (GRO + PRO + MRO) Chloride 300.0
T-1	3/10/2025		X	1.5	Grab	1	Yes	No	
T-1	3/10/2025		X	2	Grab	1	Yes	No	
T-1	3/10/2025		X	3	Grab	1	Yes	No	
T-1	3/10/2025		X	4	Grab	1	Yes	No	
T-4	3/10/2025		X	0-1	Grab	1	Yes	No	
T-4	3/10/2025		X	1.5	Grab	1	Yes	No	
T-4	3/10/2025		X	2	Grab	1	Yes	No	
T-4	3/10/2025		X	3	Grab	1	Yes	No	
T-4	3/10/2025		X	4	Grab	1	Yes	No	

Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com

Relinquished by: (Signature)

Received by: (Signature)

Date/Time: 3/11/25 09:42

Relinquished by: (Signature)

Received by: (Signature)

Date/Time

Chain of Custody

Work Order No: _____

Page 2 of 2

Project Manager:	Ashton Thielke	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 West Wall Ste. 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-8988	Email:	ThielkeA@Carmonaresources.com

Work Order Comments

Program: UST/PST PRP Brownfields RRC perfund

State of Project: Level II Level III ST/UST RRP Level IV



Reporting: Level II Level III ST/UST RRP Level IV

Deliverables: EDD ADaPT Other.

Project Name:	Salado Draw 19 CTB	Turn Around		Pres. Code		ANALYSIS REQUEST		Preservative Codes	None: NO DI Water: H ₂ O Cool: Cool MeOH: Me HCL: HC HNO ₃ : HN H ₂ SO ₄ : H ₂ NaOH: Na H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
Project Number:	2662	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush							
Project Location	Lea Co, NM	Due Date:	Normal						
Sampler's Name:	RP								
PO #:									

Sample Identification	Date	Time	Soil	Depth	Grab/Comp	# of Cont	Parameters		Sample Comments
							TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	
T-5	3/10/2025		X	0-1	Grab	1	X	X	
T-5	3/10/2025		X	1.5	Grab	1	X	X	
T-5	3/10/2025		X	2	Grab	1	X	X	
T-5	3/10/2025		X	3	Grab	1	X	X	
T-5	3/10/2025		X	4	Grab	1	X	X	

Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		3/11/2025			

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Revised Date 05/01/2020 Rev. 2020.1

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-55494-1

SDG Number: Lea Co, NM

Login Number: 55494

List Source: Eurofins Midland

List Number: 1

Creator: Vasquez, Julisa

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Ashton Thielke
 Carmona Resources
 310 W Wall St
 Ste 500
 Midland, Texas 79701

Generated 3/14/2025 12:49:12 PM

JOB DESCRIPTION

Salado Crew 19 CTB and CS
 Lea Co, NM

JOB NUMBER

880-55392-1

Eurofins Midland
 1211 W. Florida Ave
 Midland TX 79701



Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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

Authorization



Generated
3/14/2025 12:49:12 PM

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

Client: Carmona Resources
Project/Site: Salado Crew 19 CTB and CS

Laboratory Job ID: 880-55392-1
SDG: Lea Co, NM

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Salado Crew 19 CTB and CS

Job ID: 880-55392-1
SDG: Lea Co, NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
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.
F1	MS and/or MSD recovery 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)
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: Salado Crew 19 CTB and CS

Job ID: 880-55392-1

Job ID: 880-55392-1

Eurofins Midland

Job Narrative 880-55392-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 3/7/2025 4:43 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -1.2°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: H-1 (0-0.5') (880-55392-1), H-2 (0-0.5') (880-55392-2), H-3 (0-0.5') (880-55392-3), H-4 (0-0.5') (880-55392-4), H-5 (0-0.5') (880-55392-5), H-6 (0-0.5') (880-55392-6), H-7 (0-0.5') (880-55392-7), H-8 (0-0.5') (880-55392-8), H-9 (0-0.5') (880-55392-9), H-10 (0-0.5') (880-55392-10) and H-11 (0-0.5') (880-55392-11).

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: (CCV 880-104839/20), (CCV 880-104839/33), (880-55391-A-1-D) and (880-55391-A-1-C MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-104848 and analytical batch 880-104838 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: H-11 (0-0.5') (880-55392-11). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-105110 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: (CCV 880-105110/30) and (CCV 880-105110/56).

Passing CCV within 12 hours and 20 samples; Samples to be reported

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-104820 and analytical batch 880-105110 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 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-104892 and analytical batch 880-105119 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-104892 and analytical batch 880-105119 was outside the upper control limits.

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Case Narrative

Client: Carmona Resources
Project: Salado Crew 19 CTB and CS

Job ID: 880-55392-1

Job ID: 880-55392-1 (Continued)

Eurofins Midland

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: H-2 (0-0.5') (880-55392-2), H-4 (0-0.5') (880-55392-4), H-8 (0-0.5') (880-55392-8), (LCS 880-104892/2-A) and (LCSD 880-104892/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (880-55406-A-42-D MS) and (880-55406-A-42-E MSD). Evidence of matrix interferences is not obvious.

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 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-104855 and analytical batch 880-104924 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

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Client Sample Results

Client: Carmona Resources
 Project/Site: Salado Crew 19 CTB and CS

Job ID: 880-55392-1
 SDG: Lea Co, NM

Client Sample ID: H-1 (0-0.5')

Lab Sample ID: 880-55392-1

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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		03/10/25 09:23	03/10/25 13:12	1
Toluene	<0.00198	U F1	0.00198		mg/Kg		03/10/25 09:23	03/10/25 13:12	1
Ethylbenzene	<0.00198	U F1	0.00198		mg/Kg		03/10/25 09:23	03/10/25 13:12	1
m-Xylene & p-Xylene	<0.00396	U F1	0.00396		mg/Kg		03/10/25 09:23	03/10/25 13:12	1
o-Xylene	<0.00198	U F1	0.00198		mg/Kg		03/10/25 09:23	03/10/25 13:12	1
Xylenes, Total	<0.00396	U F1	0.00396		mg/Kg		03/10/25 09:23	03/10/25 13:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	03/10/25 09:23	03/10/25 13:12	1
1,4-Difluorobenzene (Surr)	95		70 - 130	03/10/25 09:23	03/10/25 13:12	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			03/10/25 13:12	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			03/12/25 21:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/09/25 21:07	03/12/25 21:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/09/25 21:07	03/12/25 21:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/09/25 21:07	03/12/25 21:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130	03/09/25 21:07	03/12/25 21:23	1
o-Terphenyl	75		70 - 130	03/09/25 21:07	03/12/25 21:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	61.6		9.96		mg/Kg			03/11/25 07:31	1

Client Sample ID: H-2 (0-0.5')

Lab Sample ID: 880-55392-2

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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		03/10/25 09:23	03/10/25 13:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/10/25 09:23	03/10/25 13:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/10/25 09:23	03/10/25 13:32	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/10/25 09:23	03/10/25 13:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/10/25 09:23	03/10/25 13:32	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/10/25 09:23	03/10/25 13:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	03/10/25 09:23	03/10/25 13:32	1
1,4-Difluorobenzene (Surr)	96		70 - 130	03/10/25 09:23	03/10/25 13:32	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Salado Crew 19 CTB and CS

Job ID: 880-55392-1
 SDG: Lea Co, NM

Client Sample ID: H-2 (0-0.5')

Lab Sample ID: 880-55392-2

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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			03/10/25 13:32	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			03/13/25 18:11	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		03/10/25 11:30	03/13/25 18:11	1
Diesel Range Organics (Over C10-C28)	<49.8	U **	49.8		mg/Kg		03/10/25 11:30	03/13/25 18:11	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/10/25 11:30	03/13/25 18:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	210	S1+	70 - 130	03/10/25 11:30	03/13/25 18:11	1
o-Terphenyl	200	S1+	70 - 130	03/10/25 11:30	03/13/25 18:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.94	U	9.94		mg/Kg			03/11/25 07:37	1

Client Sample ID: H-3 (0-0.5')

Lab Sample ID: 880-55392-3

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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		03/10/25 09:23	03/10/25 13:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/10/25 09:23	03/10/25 13:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/10/25 09:23	03/10/25 13:53	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/10/25 09:23	03/10/25 13:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/10/25 09:23	03/10/25 13:53	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/10/25 09:23	03/10/25 13:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	03/10/25 09:23	03/10/25 13:53	1
1,4-Difluorobenzene (Surr)	95		70 - 130	03/10/25 09:23	03/10/25 13:53	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			03/10/25 13:53	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			03/12/25 21:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/09/25 21:07	03/12/25 21:52	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/09/25 21:07	03/12/25 21:52	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Salado Crew 19 CTB and CS

Job ID: 880-55392-1
 SDG: Lea Co, NM

Client Sample ID: H-3 (0-0.5')

Lab Sample ID: 880-55392-3

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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		03/09/25 21:07	03/12/25 21:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				03/09/25 21:07	03/12/25 21:52	1
o-Terphenyl	73		70 - 130				03/09/25 21:07	03/12/25 21:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.4		10.0		mg/Kg			03/11/25 07:43	1

Client Sample ID: H-4 (0-0.5')

Lab Sample ID: 880-55392-4

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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		03/10/25 09:23	03/10/25 14:13	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/10/25 09:23	03/10/25 14:13	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/10/25 09:23	03/10/25 14:13	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/10/25 09:23	03/10/25 14:13	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/10/25 09:23	03/10/25 14:13	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/10/25 09:23	03/10/25 14:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				03/10/25 09:23	03/10/25 14:13	1
1,4-Difluorobenzene (Surr)	94		70 - 130				03/10/25 09:23	03/10/25 14:13	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			03/10/25 14:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/13/25 18:27	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		03/10/25 11:30	03/13/25 18:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		03/10/25 11:30	03/13/25 18:27	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/10/25 11:30	03/13/25 18:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	202	S1+	70 - 130				03/10/25 11:30	03/13/25 18:27	1
o-Terphenyl	194	S1+	70 - 130				03/10/25 11:30	03/13/25 18:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	32.6	F1	10.0		mg/Kg			03/11/25 07:49	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Salado Crew 19 CTB and CS

Job ID: 880-55392-1
SDG: Lea Co, NM

Client Sample ID: H-5 (0-0.5')

Lab Sample ID: 880-55392-5

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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		03/10/25 09:23	03/10/25 14:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/10/25 09:23	03/10/25 14:33	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/10/25 09:23	03/10/25 14:33	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/10/25 09:23	03/10/25 14:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/10/25 09:23	03/10/25 14:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/10/25 09:23	03/10/25 14:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	03/10/25 09:23	03/10/25 14:33	1
1,4-Difluorobenzene (Surr)	95		70 - 130	03/10/25 09:23	03/10/25 14:33	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			03/10/25 14:33	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			03/12/25 22:22	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		03/09/25 21:07	03/12/25 22:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/09/25 21:07	03/12/25 22:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/09/25 21:07	03/12/25 22:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130	03/09/25 21:07	03/12/25 22:22	1
o-Terphenyl	74		70 - 130	03/09/25 21:07	03/12/25 22:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	87.1		10.0		mg/Kg			03/11/25 08:08	1

Client Sample ID: H-6 (0-0.5')

Lab Sample ID: 880-55392-6

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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		03/10/25 09:23	03/10/25 14:54	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/10/25 09:23	03/10/25 14:54	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/10/25 09:23	03/10/25 14:54	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/10/25 09:23	03/10/25 14:54	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/10/25 09:23	03/10/25 14:54	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/10/25 09:23	03/10/25 14:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	03/10/25 09:23	03/10/25 14:54	1
1,4-Difluorobenzene (Surr)	95		70 - 130	03/10/25 09:23	03/10/25 14:54	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Salado Crew 19 CTB and CS

Job ID: 880-55392-1
 SDG: Lea Co, NM

Client Sample ID: H-6 (0-0.5')

Lab Sample ID: 880-55392-6

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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			03/10/25 14:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			03/12/25 22:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		03/09/25 21:07	03/12/25 22:36	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		03/09/25 21:07	03/12/25 22:36	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		03/09/25 21:07	03/12/25 22:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130	03/09/25 21:07	03/12/25 22:36	1
o-Terphenyl	79		70 - 130	03/09/25 21:07	03/12/25 22:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96		mg/Kg			03/11/25 08:14	1

Client Sample ID: H-7 (0-0.5')

Lab Sample ID: 880-55392-7

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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		03/10/25 09:23	03/10/25 15:14	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/10/25 09:23	03/10/25 15:14	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/10/25 09:23	03/10/25 15:14	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		03/10/25 09:23	03/10/25 15:14	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/10/25 09:23	03/10/25 15:14	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		03/10/25 09:23	03/10/25 15:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	03/10/25 09:23	03/10/25 15:14	1
1,4-Difluorobenzene (Surr)	96		70 - 130	03/10/25 09:23	03/10/25 15:14	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			03/10/25 15:14	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			03/12/25 22:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/09/25 21:07	03/12/25 22:51	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/09/25 21:07	03/12/25 22:51	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Salado Crew 19 CTB and CS

Job ID: 880-55392-1
 SDG: Lea Co, NM

Client Sample ID: H-7 (0-0.5')

Lab Sample ID: 880-55392-7

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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		03/09/25 21:07	03/12/25 22:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				03/09/25 21:07	03/12/25 22:51	1
o-Terphenyl	78		70 - 130				03/09/25 21:07	03/12/25 22:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	46.6		9.92		mg/Kg			03/11/25 08:32	1

Client Sample ID: H-8 (0-0.5')

Lab Sample ID: 880-55392-8

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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		03/10/25 09:23	03/10/25 15:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/10/25 09:23	03/10/25 15:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/10/25 09:23	03/10/25 15:35	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/10/25 09:23	03/10/25 15:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/10/25 09:23	03/10/25 15:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/10/25 09:23	03/10/25 15:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				03/10/25 09:23	03/10/25 15:35	1
1,4-Difluorobenzene (Surr)	96		70 - 130				03/10/25 09:23	03/10/25 15:35	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			03/10/25 15:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/13/25 18:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/10/25 11:30	03/13/25 18:44	1
Diesel Range Organics (Over C10-C28)	<49.8	U **	49.8		mg/Kg		03/10/25 11:30	03/13/25 18:44	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/10/25 11:30	03/13/25 18:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	207	S1+	70 - 130				03/10/25 11:30	03/13/25 18:44	1
o-Terphenyl	198	S1+	70 - 130				03/10/25 11:30	03/13/25 18:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	397		10.1		mg/Kg			03/11/25 08:38	1

Client Sample Results

Client: Carmona Resources
 Project/Site: Salado Crew 19 CTB and CS

Job ID: 880-55392-1
 SDG: Lea Co, NM

Client Sample ID: H-9 (0-0.5')

Lab Sample ID: 880-55392-9

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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		03/10/25 09:23	03/10/25 15:55	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/10/25 09:23	03/10/25 15:55	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/10/25 09:23	03/10/25 15:55	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		03/10/25 09:23	03/10/25 15:55	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/10/25 09:23	03/10/25 15:55	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		03/10/25 09:23	03/10/25 15:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	03/10/25 09:23	03/10/25 15:55	1
1,4-Difluorobenzene (Surr)	94		70 - 130	03/10/25 09:23	03/10/25 15:55	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			03/10/25 15:55	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			03/12/25 23:36	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		03/09/25 21:07	03/12/25 23:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/09/25 21:07	03/12/25 23:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/09/25 21:07	03/12/25 23:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130	03/09/25 21:07	03/12/25 23:36	1
o-Terphenyl	71		70 - 130	03/09/25 21:07	03/12/25 23:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	163		9.96		mg/Kg			03/11/25 08:45	1

Client Sample ID: H-10 (0-0.5')

Lab Sample ID: 880-55392-10

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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		03/10/25 09:23	03/10/25 16:16	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/10/25 09:23	03/10/25 16:16	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/10/25 09:23	03/10/25 16:16	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		03/10/25 09:23	03/10/25 16:16	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/10/25 09:23	03/10/25 16:16	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		03/10/25 09:23	03/10/25 16:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	03/10/25 09:23	03/10/25 16:16	1
1,4-Difluorobenzene (Surr)	96		70 - 130	03/10/25 09:23	03/10/25 16:16	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Salado Crew 19 CTB and CS

Job ID: 880-55392-1
 SDG: Lea Co, NM

Client Sample ID: H-10 (0-0.5')

Lab Sample ID: 880-55392-10

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			03/10/25 16:16	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			03/12/25 23:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/09/25 21:07	03/12/25 23:50	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/09/25 21:07	03/12/25 23:50	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/09/25 21:07	03/12/25 23:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				03/09/25 21:07	03/12/25 23:50	1
o-Terphenyl	81		70 - 130				03/09/25 21:07	03/12/25 23:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	96.5		9.92		mg/Kg			03/11/25 08:51	1

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

Lab Sample ID: 880-55392-11

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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		03/10/25 09:16	03/10/25 19:36	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/10/25 09:16	03/10/25 19:36	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/10/25 09:16	03/10/25 19:36	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/10/25 09:16	03/10/25 19:36	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/10/25 09:16	03/10/25 19:36	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/10/25 09:16	03/10/25 19:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130				03/10/25 09:16	03/10/25 19:36	1
1,4-Difluorobenzene (Surr)	84		70 - 130				03/10/25 09:16	03/10/25 19:36	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			03/10/25 19:36	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			03/13/25 00:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/09/25 21:07	03/13/25 00:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/09/25 21:07	03/13/25 00:06	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Salado Crew 19 CTB and CS

Job ID: 880-55392-1
 SDG: Lea Co, NM

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

Lab Sample ID: 880-55392-11

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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		03/09/25 21:07	03/13/25 00:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130				03/09/25 21:07	03/13/25 00:06	1
o-Terphenyl	74		70 - 130				03/09/25 21:07	03/13/25 00:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	96.1		10.0		mg/Kg			03/11/25 08:57	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Salado Crew 19 CTB and CS

Job ID: 880-55392-1
SDG: Lea Co, NM

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)
880-55391-A-1-B MS	Matrix Spike	130	90
880-55391-A-1-C MSD	Matrix Spike Duplicate	135 S1+	89
880-55392-1	H-1 (0-0.5')	118	95
880-55392-1 MS	H-1 (0-0.5')	127	108
880-55392-1 MSD	H-1 (0-0.5')	114	101
880-55392-2	H-2 (0-0.5')	106	96
880-55392-3	H-3 (0-0.5')	110	95
880-55392-4	H-4 (0-0.5')	107	94
880-55392-5	H-5 (0-0.5')	106	95
880-55392-6	H-6 (0-0.5')	107	95
880-55392-7	H-7 (0-0.5')	112	96
880-55392-8	H-8 (0-0.5')	111	96
880-55392-9	H-9 (0-0.5')	108	94
880-55392-10	H-10 (0-0.5')	106	96
880-55392-11	H-11 (0-0.5')	124	84
LCS 880-104846/1-A	Lab Control Sample	128	93
LCS 880-104848/1-A	Lab Control Sample	98	104
LCSD 880-104846/2-A	Lab Control Sample Dup	126	91
LCSD 880-104848/2-A	Lab Control Sample Dup	97	103
MB 880-104846/5-A	Method Blank	115	79
MB 880-104848/5-A	Method Blank	110	90

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)
880-55391-A-13-B MS	Matrix Spike	78	77
880-55391-A-13-C MSD	Matrix Spike Duplicate	78	77
880-55392-1	H-1 (0-0.5')	74	75
880-55392-2	H-2 (0-0.5')	210 S1+	200 S1+
880-55392-3	H-3 (0-0.5')	70	73
880-55392-4	H-4 (0-0.5')	202 S1+	194 S1+
880-55392-5	H-5 (0-0.5')	73	74
880-55392-6	H-6 (0-0.5')	74	79
880-55392-7	H-7 (0-0.5')	75	78
880-55392-8	H-8 (0-0.5')	207 S1+	198 S1+
880-55392-9	H-9 (0-0.5')	70	71
880-55392-10	H-10 (0-0.5')	77	81
880-55392-11	H-11 (0-0.5')	68 S1-	74
880-55406-A-42-D MS	Matrix Spike	132 S1+	115
880-55406-A-42-E MSD	Matrix Spike Duplicate	131 S1+	114
LCS 880-104820/2-A	Lab Control Sample	111	110
LCS 880-104892/2-A	Lab Control Sample	169 S1+	154 S1+
LCSD 880-104820/3-A	Lab Control Sample Dup	110	109

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Surrogate Summary

Client: Carmona Resources
Project/Site: Salado Crew 19 CTB and CS

Job ID: 880-55392-1
SDG: Lea Co, NM

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)
LCSD 880-104892/3-A	Lab Control Sample Dup	145 S1+	162 S1+
MB 880-104820/1-A	Method Blank	75	79
MB 880-104892/1-A	Method Blank	155 S1+	159 S1+

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

QC Sample Results

Client: Carmona Resources
 Project/Site: Salado Crew 19 CTB and CS

Job ID: 880-55392-1
 SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-104846/5-A
 Matrix: Solid
 Analysis Batch: 104839

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 104846

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/10/25 09:16	03/10/25 12:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/10/25 09:16	03/10/25 12:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/10/25 09:16	03/10/25 12:56	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/10/25 09:16	03/10/25 12:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/10/25 09:16	03/10/25 12:56	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/10/25 09:16	03/10/25 12:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	03/10/25 09:16	03/10/25 12:56	1
1,4-Difluorobenzene (Surr)	79		70 - 130	03/10/25 09:16	03/10/25 12:56	1

Lab Sample ID: LCS 880-104846/1-A
 Matrix: Solid
 Analysis Batch: 104839

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 104846

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1058		mg/Kg		106	70 - 130
Toluene	0.100	0.1035		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.1052		mg/Kg		105	70 - 130
m-Xylene & p-Xylene	0.200	0.2254		mg/Kg		113	70 - 130
o-Xylene	0.100	0.1096		mg/Kg		110	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	128		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: LCSD 880-104846/2-A
 Matrix: Solid
 Analysis Batch: 104839

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 104846

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1107		mg/Kg		111	70 - 130	4	35
Toluene	0.100	0.1039		mg/Kg		104	70 - 130	0	35
Ethylbenzene	0.100	0.1032		mg/Kg		103	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2167		mg/Kg		108	70 - 130	4	35
o-Xylene	0.100	0.1051		mg/Kg		105	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	126		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: 880-55391-A-1-B MS
 Matrix: Solid
 Analysis Batch: 104839

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 104846

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U	0.0996	0.09686		mg/Kg		97	70 - 130
Toluene	<0.00198	U	0.0996	0.1013		mg/Kg		102	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Salado Crew 19 CTB and CS

Job ID: 880-55392-1
 SDG: Lea Co, NM

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

Lab Sample ID: 880-55391-A-1-B MS

Client Sample ID: Matrix Spike

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 104839

Prep Batch: 104846

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec
	Result	Qualifier	Added	Result	Qualifier				
Ethylbenzene	<0.00198	U	0.0996	0.09822		mg/Kg		99	70 - 130
m-Xylene & p-Xylene	<0.00397	U	0.199	0.2152		mg/Kg		108	70 - 130
o-Xylene	<0.00198	U	0.0996	0.1050		mg/Kg		105	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	130		70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

Lab Sample ID: 880-55391-A-1-C MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 104839

Prep Batch: 104846

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Benzene	<0.00198	U	0.101	0.09043		mg/Kg		90	70 - 130	7	35
Toluene	<0.00198	U	0.101	0.09466		mg/Kg		94	70 - 130	7	35
Ethylbenzene	<0.00198	U	0.101	0.09226		mg/Kg		92	70 - 130	6	35
m-Xylene & p-Xylene	<0.00397	U	0.202	0.2005		mg/Kg		99	70 - 130	7	35
o-Xylene	<0.00198	U	0.101	0.09865		mg/Kg		98	70 - 130	6	35

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	135	S1+	70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

Lab Sample ID: MB 880-104848/5-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 104838

Prep Batch: 104848

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		03/10/25 09:23	03/10/25 12:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/10/25 09:23	03/10/25 12:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/10/25 09:23	03/10/25 12:50	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/10/25 09:23	03/10/25 12:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/10/25 09:23	03/10/25 12:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/10/25 09:23	03/10/25 12:50	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	110		70 - 130	03/10/25 09:23	03/10/25 12:50	1
1,4-Difluorobenzene (Surr)	90		70 - 130	03/10/25 09:23	03/10/25 12:50	1

Lab Sample ID: LCS 880-104848/1-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 104838

Prep Batch: 104848

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
Benzene	0.100	0.1093		mg/Kg		109	70 - 130
Toluene	0.100	0.1139		mg/Kg		114	70 - 130
Ethylbenzene	0.100	0.1032		mg/Kg		103	70 - 130
m-Xylene & p-Xylene	0.200	0.2077		mg/Kg		104	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Salado Crew 19 CTB and CS

Job ID: 880-55392-1
 SDG: Lea Co, NM

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

Lab Sample ID: LCS 880-104848/1-A
Matrix: Solid
Analysis Batch: 104838

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 104848

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1048		mg/Kg		105	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: LCSD 880-104848/2-A
Matrix: Solid
Analysis Batch: 104838

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 104848

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1083		mg/Kg		108	70 - 130	1	35
Toluene	0.100	0.1122		mg/Kg		112	70 - 130	1	35
Ethylbenzene	0.100	0.1014		mg/Kg		101	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2033		mg/Kg		102	70 - 130	2	35
o-Xylene	0.100	0.1021		mg/Kg		102	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-55392-1 MS
Matrix: Solid
Analysis Batch: 104838

Client Sample ID: H-1 (0-0.5')
Prep Type: Total/NA
Prep Batch: 104848

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U	0.100	0.1010		mg/Kg		101	70 - 130
Toluene	<0.00198	U F1	0.100	0.1502	F1	mg/Kg		150	70 - 130
Ethylbenzene	<0.00198	U F1	0.100	0.1499	F1	mg/Kg		150	70 - 130
m-Xylene & p-Xylene	<0.00396	U F1	0.200	0.2940	F1	mg/Kg		147	70 - 130
o-Xylene	<0.00198	U F1	0.100	0.1391	F1	mg/Kg		139	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	127		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: 880-55392-1 MSD
Matrix: Solid
Analysis Batch: 104838

Client Sample ID: H-1 (0-0.5')
Prep Type: Total/NA
Prep Batch: 104848

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00198	U	0.0994	0.1012		mg/Kg		102	70 - 130	0	35
Toluene	<0.00198	U F1	0.0994	0.1145		mg/Kg		115	70 - 130	27	35
Ethylbenzene	<0.00198	U F1	0.0994	0.1067		mg/Kg		107	70 - 130	34	35
m-Xylene & p-Xylene	<0.00396	U F1	0.199	0.2171		mg/Kg		109	70 - 130	30	35
o-Xylene	<0.00198	U F1	0.0994	0.1074		mg/Kg		108	70 - 130	26	35

QC Sample Results

Client: Carmona Resources
 Project/Site: Salado Crew 19 CTB and CS

Job ID: 880-55392-1
 SDG: Lea Co, NM

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

Lab Sample ID: 880-55392-1 MSD
 Matrix: Solid
 Analysis Batch: 104838

Client Sample ID: H-1 (0-0.5')
 Prep Type: Total/NA
 Prep Batch: 104848

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

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

Lab Sample ID: MB 880-104820/1-A
 Matrix: Solid
 Analysis Batch: 105110

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 104820

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/09/25 21:07	03/12/25 19:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/09/25 21:07	03/12/25 19:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/09/25 21:07	03/12/25 19:25	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	75		70 - 130	03/09/25 21:07	03/12/25 19:25	1
o-Terphenyl	79		70 - 130	03/09/25 21:07	03/12/25 19:25	1

Lab Sample ID: LCS 880-104820/2-A
 Matrix: Solid
 Analysis Batch: 105110

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 104820

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	1000	1104		mg/Kg		110	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	111		70 - 130
o-Terphenyl	110		70 - 130

Lab Sample ID: LCSD 880-104820/3-A
 Matrix: Solid
 Analysis Batch: 105110

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 104820

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	
								RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	958.0		mg/Kg		96	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	1069		mg/Kg		107	70 - 130	3	20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	110		70 - 130
o-Terphenyl	109		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Salado Crew 19 CTB and CS

Job ID: 880-55392-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-55391-A-13-B MS
Matrix: Solid
Analysis Batch: 105110

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 104820

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier					
Gasoline Range Organics (GRO)-C6-C10	<49.7	U F1	1000	665.3	F1	mg/Kg		67		70 - 130
Diesel Range Organics (Over C10-C28)	<49.7	U F1	1000	694.2	F1	mg/Kg		69		70 - 130
Surrogate	%Recovery	Qualifier	Limits	MS	MS					
1-Chlorooctane	78		70 - 130							
o-Terphenyl	77		70 - 130							

Lab Sample ID: 880-55391-A-13-C MSD
Matrix: Solid
Analysis Batch: 105110

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 104820

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<49.7	U F1	1000	667.4	F1	mg/Kg		67		70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<49.7	U F1	1000	693.3	F1	mg/Kg		69		70 - 130	0	20
Surrogate	%Recovery	Qualifier	Limits	MSD	MSD							
1-Chlorooctane	78		70 - 130									
o-Terphenyl	77		70 - 130									

Lab Sample ID: MB 880-104892/1-A
Matrix: Solid
Analysis Batch: 105119

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 104892

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/10/25 11:30	03/13/25 09:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/10/25 11:30	03/13/25 09:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/10/25 11:30	03/13/25 09:57	1
Surrogate	%Recovery	Qualifier	Limits	MB	MB		Prepared	Analyzed	Dil Fac
1-Chlorooctane	155	S1+	70 - 130				03/10/25 11:30	03/13/25 09:57	1
o-Terphenyl	159	S1+	70 - 130				03/10/25 11:30	03/13/25 09:57	1

Lab Sample ID: LCS 880-104892/2-A
Matrix: Solid
Analysis Batch: 105119

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 104892

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec	Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1095		mg/Kg		110		70 - 130
Diesel Range Organics (Over C10-C28)	1000	1279		mg/Kg		128		70 - 130

QC Sample Results

Client: Carmona Resources
 Project/Site: Salado Crew 19 CTB and CS

Job ID: 880-55392-1
 SDG: Lea Co, NM

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

Lab Sample ID: LCS 880-104892/2-A
Matrix: Solid
Analysis Batch: 105119

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 104892

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	169	S1+	70 - 130
o-Terphenyl	154	S1+	70 - 130

Lab Sample ID: LCSD 880-104892/3-A
Matrix: Solid
Analysis Batch: 105119

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 104892

Analyte	Spike Added	LCSD		Unit	D	%Rec	%Rec		RPD	Limit
		Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	1113		mg/Kg		111	70 - 130	2	20	
Diesel Range Organics (Over C10-C28)	1000	1427	*+	mg/Kg		143	70 - 130	11	20	

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	145	S1+	70 - 130
o-Terphenyl	162	S1+	70 - 130

Lab Sample ID: 880-55406-A-42-D MS
Matrix: Solid
Analysis Batch: 105119

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 104892

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	939.9		mg/Kg		94	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.0	U *+	999	1002		mg/Kg		100	70 - 130	

Surrogate	MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	132	S1+	70 - 130
o-Terphenyl	115		70 - 130

Lab Sample ID: 880-55406-A-42-E MSD
Matrix: Solid
Analysis Batch: 105119

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 104892

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	973.7		mg/Kg		97	70 - 130	4	20	
Diesel Range Organics (Over C10-C28)	<50.0	U *+	999	1018		mg/Kg		102	70 - 130	2	20	

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	131	S1+	70 - 130
o-Terphenyl	114		70 - 130

QC Sample Results

Client: Carmona Resources
 Project/Site: Salado Crew 19 CTB and CS

Job ID: 880-55392-1
 SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-104855/1-A
 Matrix: Solid
 Analysis Batch: 104924

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			03/11/25 06:05	1

Lab Sample ID: LCS 880-104855/2-A
 Matrix: Solid
 Analysis Batch: 104924

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	272.4		mg/Kg		109	90 - 110

Lab Sample ID: LCSD 880-104855/3-A
 Matrix: Solid
 Analysis Batch: 104924

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	273.1		mg/Kg		109	90 - 110	0	20

Lab Sample ID: 880-55392-4 MS
 Matrix: Solid
 Analysis Batch: 104924

Client Sample ID: H-4 (0-0.5')
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	32.6	F1	251	323.9	F1	mg/Kg		116	90 - 110

Lab Sample ID: 880-55392-4 MSD
 Matrix: Solid
 Analysis Batch: 104924

Client Sample ID: H-4 (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	32.6	F1	251	324.0	F1	mg/Kg		116	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
 Project/Site: Salado Crew 19 CTB and CS

Job ID: 880-55392-1
 SDG: Lea Co, NM

GC VOA

Analysis Batch: 104838

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55392-1	H-1 (0-0.5')	Total/NA	Solid	8021B	104848
880-55392-2	H-2 (0-0.5')	Total/NA	Solid	8021B	104848
880-55392-3	H-3 (0-0.5')	Total/NA	Solid	8021B	104848
880-55392-4	H-4 (0-0.5')	Total/NA	Solid	8021B	104848
880-55392-5	H-5 (0-0.5')	Total/NA	Solid	8021B	104848
880-55392-6	H-6 (0-0.5')	Total/NA	Solid	8021B	104848
880-55392-7	H-7 (0-0.5')	Total/NA	Solid	8021B	104848
880-55392-8	H-8 (0-0.5')	Total/NA	Solid	8021B	104848
880-55392-9	H-9 (0-0.5')	Total/NA	Solid	8021B	104848
880-55392-10	H-10 (0-0.5')	Total/NA	Solid	8021B	104848
MB 880-104848/5-A	Method Blank	Total/NA	Solid	8021B	104848
LCS 880-104848/1-A	Lab Control Sample	Total/NA	Solid	8021B	104848
LCSD 880-104848/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	104848
880-55392-1 MS	H-1 (0-0.5')	Total/NA	Solid	8021B	104848
880-55392-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8021B	104848

Analysis Batch: 104839

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55392-11	H-11 (0-0.5')	Total/NA	Solid	8021B	104846
MB 880-104846/5-A	Method Blank	Total/NA	Solid	8021B	104846
LCS 880-104846/1-A	Lab Control Sample	Total/NA	Solid	8021B	104846
LCSD 880-104846/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	104846
880-55391-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	104846
880-55391-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	104846

Prep Batch: 104846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55392-11	H-11 (0-0.5')	Total/NA	Solid	5035	
MB 880-104846/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-104846/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-104846/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-55391-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
880-55391-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 104848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55392-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-55392-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-55392-3	H-3 (0-0.5')	Total/NA	Solid	5035	
880-55392-4	H-4 (0-0.5')	Total/NA	Solid	5035	
880-55392-5	H-5 (0-0.5')	Total/NA	Solid	5035	
880-55392-6	H-6 (0-0.5')	Total/NA	Solid	5035	
880-55392-7	H-7 (0-0.5')	Total/NA	Solid	5035	
880-55392-8	H-8 (0-0.5')	Total/NA	Solid	5035	
880-55392-9	H-9 (0-0.5')	Total/NA	Solid	5035	
880-55392-10	H-10 (0-0.5')	Total/NA	Solid	5035	
MB 880-104848/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-104848/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-104848/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-55392-1 MS	H-1 (0-0.5')	Total/NA	Solid	5035	
880-55392-1 MSD	H-1 (0-0.5')	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Salado Crew 19 CTB and CS

Job ID: 880-55392-1
 SDG: Lea Co, NM

GC VOA

Analysis Batch: 105033

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55392-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-55392-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-55392-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-55392-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-55392-5	H-5 (0-0.5')	Total/NA	Solid	Total BTEX	
880-55392-6	H-6 (0-0.5')	Total/NA	Solid	Total BTEX	
880-55392-7	H-7 (0-0.5')	Total/NA	Solid	Total BTEX	
880-55392-8	H-8 (0-0.5')	Total/NA	Solid	Total BTEX	
880-55392-9	H-9 (0-0.5')	Total/NA	Solid	Total BTEX	
880-55392-10	H-10 (0-0.5')	Total/NA	Solid	Total BTEX	
880-55392-11	H-11 (0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 104820

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55392-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-55392-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-55392-5	H-5 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-55392-6	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-55392-7	H-7 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-55392-9	H-9 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-55392-10	H-10 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-55392-11	H-11 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-104820/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-104820/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-104820/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-55391-A-13-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-55391-A-13-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 104892

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55392-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-55392-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-55392-8	H-8 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-104892/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-104892/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-104892/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-55406-A-42-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-55406-A-42-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 105110

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55392-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	104820
880-55392-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	104820
880-55392-5	H-5 (0-0.5')	Total/NA	Solid	8015B NM	104820
880-55392-6	H-6 (0-0.5')	Total/NA	Solid	8015B NM	104820
880-55392-7	H-7 (0-0.5')	Total/NA	Solid	8015B NM	104820
880-55392-9	H-9 (0-0.5')	Total/NA	Solid	8015B NM	104820
880-55392-10	H-10 (0-0.5')	Total/NA	Solid	8015B NM	104820
880-55392-11	H-11 (0-0.5')	Total/NA	Solid	8015B NM	104820

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Salado Crew 19 CTB and CS

Job ID: 880-55392-1
 SDG: Lea Co, NM

GC Semi VOA (Continued)

Analysis Batch: 105110 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-104820/1-A	Method Blank	Total/NA	Solid	8015B NM	104820
LCS 880-104820/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	104820
LCSD 880-104820/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	104820
880-55391-A-13-B MS	Matrix Spike	Total/NA	Solid	8015B NM	104820
880-55391-A-13-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	104820

Analysis Batch: 105119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55392-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	104892
880-55392-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	104892
880-55392-8	H-8 (0-0.5')	Total/NA	Solid	8015B NM	104892
MB 880-104892/1-A	Method Blank	Total/NA	Solid	8015B NM	104892
LCS 880-104892/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	104892
LCSD 880-104892/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	104892
880-55406-A-42-D MS	Matrix Spike	Total/NA	Solid	8015B NM	104892
880-55406-A-42-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	104892

Analysis Batch: 105226

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55392-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-55392-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-55392-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-55392-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	
880-55392-5	H-5 (0-0.5')	Total/NA	Solid	8015 NM	
880-55392-6	H-6 (0-0.5')	Total/NA	Solid	8015 NM	
880-55392-7	H-7 (0-0.5')	Total/NA	Solid	8015 NM	
880-55392-8	H-8 (0-0.5')	Total/NA	Solid	8015 NM	
880-55392-9	H-9 (0-0.5')	Total/NA	Solid	8015 NM	
880-55392-10	H-10 (0-0.5')	Total/NA	Solid	8015 NM	
880-55392-11	H-11 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 104855

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55392-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-55392-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-55392-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-55392-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
880-55392-5	H-5 (0-0.5')	Soluble	Solid	DI Leach	
880-55392-6	H-6 (0-0.5')	Soluble	Solid	DI Leach	
880-55392-7	H-7 (0-0.5')	Soluble	Solid	DI Leach	
880-55392-8	H-8 (0-0.5')	Soluble	Solid	DI Leach	
880-55392-9	H-9 (0-0.5')	Soluble	Solid	DI Leach	
880-55392-10	H-10 (0-0.5')	Soluble	Solid	DI Leach	
880-55392-11	H-11 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-104855/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-104855/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-104855/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-55392-4 MS	H-4 (0-0.5')	Soluble	Solid	DI Leach	
880-55392-4 MSD	H-4 (0-0.5')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Salado Crew 19 CTB and CS

Job ID: 880-55392-1
 SDG: Lea Co, NM

HPLC/IC

Analysis Batch: 104924

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55392-1	H-1 (0-0.5')	Soluble	Solid	300.0	104855
880-55392-2	H-2 (0-0.5')	Soluble	Solid	300.0	104855
880-55392-3	H-3 (0-0.5')	Soluble	Solid	300.0	104855
880-55392-4	H-4 (0-0.5')	Soluble	Solid	300.0	104855
880-55392-5	H-5 (0-0.5')	Soluble	Solid	300.0	104855
880-55392-6	H-6 (0-0.5')	Soluble	Solid	300.0	104855
880-55392-7	H-7 (0-0.5')	Soluble	Solid	300.0	104855
880-55392-8	H-8 (0-0.5')	Soluble	Solid	300.0	104855
880-55392-9	H-9 (0-0.5')	Soluble	Solid	300.0	104855
880-55392-10	H-10 (0-0.5')	Soluble	Solid	300.0	104855
880-55392-11	H-11 (0-0.5')	Soluble	Solid	300.0	104855
MB 880-104855/1-A	Method Blank	Soluble	Solid	300.0	104855
LCS 880-104855/2-A	Lab Control Sample	Soluble	Solid	300.0	104855
LCSD 880-104855/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	104855
880-55392-4 MS	H-4 (0-0.5')	Soluble	Solid	300.0	104855
880-55392-4 MSD	H-4 (0-0.5')	Soluble	Solid	300.0	104855

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Lab Chronicle

Client: Carmona Resources
 Project/Site: Salado Crew 19 CTB and CS

Job ID: 880-55392-1
 SDG: Lea Co, NM

Client Sample ID: H-1 (0-0.5')

Lab Sample ID: 880-55392-1

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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	104848	03/10/25 09:23	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104838	03/10/25 13:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			105033	03/10/25 13:12	AJ	EET MID
Total/NA	Analysis	8015 NM		1			105226	03/12/25 21:23	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	104820	03/09/25 21:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	105110	03/12/25 21:23	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	104855	03/10/25 09:38	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	104924	03/11/25 07:31	CH	EET MID

Client Sample ID: H-2 (0-0.5')

Lab Sample ID: 880-55392-2

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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	104848	03/10/25 09:23	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104838	03/10/25 13:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			105033	03/10/25 13:32	AJ	EET MID
Total/NA	Analysis	8015 NM		1			105226	03/13/25 18:11	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	104892	03/10/25 11:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	105119	03/13/25 18:11	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	104855	03/10/25 09:38	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	104924	03/11/25 07:37	CH	EET MID

Client Sample ID: H-3 (0-0.5')

Lab Sample ID: 880-55392-3

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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	104848	03/10/25 09:23	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104838	03/10/25 13:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			105033	03/10/25 13:53	AJ	EET MID
Total/NA	Analysis	8015 NM		1			105226	03/12/25 21:52	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	104820	03/09/25 21:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	105110	03/12/25 21:52	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	104855	03/10/25 09:38	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	104924	03/11/25 07:43	CH	EET MID

Client Sample ID: H-4 (0-0.5')

Lab Sample ID: 880-55392-4

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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	104848	03/10/25 09:23	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104838	03/10/25 14:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			105033	03/10/25 14:13	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Salado Crew 19 CTB and CS

Job ID: 880-55392-1
 SDG: Lea Co, NM

Client Sample ID: H-4 (0-0.5')

Lab Sample ID: 880-55392-4

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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			105226	03/13/25 18:27	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	104892	03/10/25 11:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	105119	03/13/25 18:27	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	104855	03/10/25 09:38	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	104924	03/11/25 07:49	CH	EET MID

Client Sample ID: H-5 (0-0.5')

Lab Sample ID: 880-55392-5

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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	104848	03/10/25 09:23	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104838	03/10/25 14:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			105033	03/10/25 14:33	AJ	EET MID
Total/NA	Analysis	8015 NM		1			105226	03/12/25 22:22	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	104820	03/09/25 21:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	105110	03/12/25 22:22	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	104855	03/10/25 09:38	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	104924	03/11/25 08:08	CH	EET MID

Client Sample ID: H-6 (0-0.5')

Lab Sample ID: 880-55392-6

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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	104848	03/10/25 09:23	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104838	03/10/25 14:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			105033	03/10/25 14:54	AJ	EET MID
Total/NA	Analysis	8015 NM		1			105226	03/12/25 22:36	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	104820	03/09/25 21:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	105110	03/12/25 22:36	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	104855	03/10/25 09:38	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	104924	03/11/25 08:14	CH	EET MID

Client Sample ID: H-7 (0-0.5')

Lab Sample ID: 880-55392-7

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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	104848	03/10/25 09:23	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104838	03/10/25 15:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			105033	03/10/25 15:14	AJ	EET MID
Total/NA	Analysis	8015 NM		1			105226	03/12/25 22:51	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	104820	03/09/25 21:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	105110	03/12/25 22:51	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Salado Crew 19 CTB and CS

Job ID: 880-55392-1
 SDG: Lea Co, NM

Client Sample ID: H-7 (0-0.5')

Lab Sample ID: 880-55392-7

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	104855	03/10/25 09:38	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	104924	03/11/25 08:32	CH	EET MID

Client Sample ID: H-8 (0-0.5')

Lab Sample ID: 880-55392-8

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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	104848	03/10/25 09:23	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104838	03/10/25 15:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			105033	03/10/25 15:35	AJ	EET MID
Total/NA	Analysis	8015 NM		1			105226	03/13/25 18:44	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	104892	03/10/25 11:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	105119	03/13/25 18:44	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	104855	03/10/25 09:38	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	104924	03/11/25 08:38	CH	EET MID

Client Sample ID: H-9 (0-0.5')

Lab Sample ID: 880-55392-9

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	104848	03/10/25 09:23	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104838	03/10/25 15:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			105033	03/10/25 15:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			105226	03/12/25 23:36	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	104820	03/09/25 21:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	105110	03/12/25 23:36	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	104855	03/10/25 09:38	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	104924	03/11/25 08:45	CH	EET MID

Client Sample ID: H-10 (0-0.5')

Lab Sample ID: 880-55392-10

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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	104848	03/10/25 09:23	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104838	03/10/25 16:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			105033	03/10/25 16:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			105226	03/12/25 23:50	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	104820	03/09/25 21:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	105110	03/12/25 23:50	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	104855	03/10/25 09:38	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	104924	03/11/25 08:51	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Salado Crew 19 CTB and CS

Job ID: 880-55392-1
 SDG: Lea Co, NM

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

Lab Sample ID: 880-55392-11

Date Collected: 03/06/25 00:00

Matrix: Solid

Date Received: 03/07/25 16:43

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	104846	03/10/25 09:16	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104839	03/10/25 19:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			105033	03/10/25 19:36	AJ	EET MID
Total/NA	Analysis	8015 NM		1			105226	03/13/25 00:06	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	104820	03/09/25 21:07	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	105110	03/13/25 00:06	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	104855	03/10/25 09:38	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	104924	03/11/25 08:57	CH	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: Salado Crew 19 CTB and CS

Job ID: 880-55392-1
SDG: Lea Co, NM

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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Method Summary

Client: Carmona Resources
 Project/Site: Salado Crew 19 CTB and CS

Job ID: 880-55392-1
 SDG: Lea Co, NM

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: Salado Crew 19 CTB and CS

Job ID: 880-55392-1
SDG: Lea Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-55392-1	H-1 (0-0.5')	Solid	03/06/25 00:00	03/07/25 16:43
880-55392-2	H-2 (0-0.5')	Solid	03/06/25 00:00	03/07/25 16:43
880-55392-3	H-3 (0-0.5')	Solid	03/06/25 00:00	03/07/25 16:43
880-55392-4	H-4 (0-0.5')	Solid	03/06/25 00:00	03/07/25 16:43
880-55392-5	H-5 (0-0.5')	Solid	03/06/25 00:00	03/07/25 16:43
880-55392-6	H-6 (0-0.5')	Solid	03/06/25 00:00	03/07/25 16:43
880-55392-7	H-7 (0-0.5')	Solid	03/06/25 00:00	03/07/25 16:43
880-55392-8	H-8 (0-0.5')	Solid	03/06/25 00:00	03/07/25 16:43
880-55392-9	H-9 (0-0.5')	Solid	03/06/25 00:00	03/07/25 16:43
880-55392-10	H-10 (0-0.5')	Solid	03/06/25 00:00	03/07/25 16:43
880-55392-11	H-11 (0-0.5')	Solid	03/06/25 00:00	03/07/25 16:43

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Chain of Custody



Project Manager: Ashton Thielke
 Company Name: Carmona Resources
 Address: 310 West Wall Ste. 500
 City, State ZIP: Midland, TX 79701
 Phone: 432-813-8988
 Email: ThielkeA@Carmonaresources.com

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

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

Project Name:	Salado Draw 19 CTB and CS	Turn Around	Pres. Code	ANALYSIS REQUEST				Preservative Codes		
Project Number:	2662	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush						None: NO DI Water: H ₂ O		
Project Location:	Lea Co. NM	Due Date:	Normal					Cool: Cool MeOH: Me		
Sampler's Name:	GPJ/RP	TAT starts the day received by the lab, if received by 4:30pm						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:	Yes No	Corrected Temperature:						NaOH+Ascorbic Acid: SAPC		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
H-1 (0-0.5')	3/6/2025		X		G	1	X	X	X	
H-2 (0-0.5')	3/6/2025		X		G	1	X	X	X	
H-3 (0-0.5')	3/6/2025		X		G	1	X	X	X	
H-4 (0-0.5')	3/6/2025		X		G	1	X	X	X	
H-5 (0-0.5')	3/6/2025		X		G	1	X	X	X	
H-6 (0-0.5')	3/6/2025		X		G	1	X	X	X	
H-7 (0-0.5')	3/6/2025		X		G	1	X	X	X	
H-8 (0-0.5')	3/6/2025		X		G	1	X	X	X	
H-9 (0-0.5')	3/6/2025		X		G	1	X	X	X	
H-10 (0-0.5')	3/6/2025		X		G	1	X	X	X	

Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		3/28			
		1643			

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-55392-1

SDG Number: Lea Co, NM

Login Number: 55392

List Source: Eurofins Midland

List Number: 1

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	

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

April 14, 2025

ASHTON THIELKE
CARMONA RESOURCES
310 W WALL ST, SUITE 500
MIDLAND, TX 79701

RE: SALADO DRAW 19 CTB AND CS

Enclosed are the results of analyses for samples received by the laboratory on 04/11/25 8:48.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/11/2025	Sampling Date:	04/10/2025
Reported:	04/14/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA CO., NM		

Sample ID: CS - 1 (4.5') (H252162-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2025	ND	2.15	107	2.00	1.23	
Toluene*	<0.050	0.050	04/11/2025	ND	2.18	109	2.00	1.36	
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	2.12	106	2.00	1.72	
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.24	104	6.00	1.77	
Total BTEX	<0.300	0.300	04/11/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/11/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2025	ND	181	90.4	200	0.988	
DRO >C10-C28*	<10.0	10.0	04/11/2025	ND	185	92.5	200	0.581	
EXT DRO >C28-C36	<10.0	10.0	04/11/2025	ND					

Surrogate: 1-Chlorooctane 83.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.0 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/11/2025	Sampling Date:	04/10/2025
Reported:	04/14/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA CO., NM		

Sample ID: CS - 2 (4.5') (H252162-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2025	ND	2.15	107	2.00	1.23		
Toluene*	<0.050	0.050	04/11/2025	ND	2.18	109	2.00	1.36		
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	2.12	106	2.00	1.72		
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.24	104	6.00	1.77		
Total BTEX	<0.300	0.300	04/11/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/11/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/11/2025	ND	181	90.4	200	0.988		
DRO >C10-C28*	<10.0	10.0	04/11/2025	ND	185	92.5	200	0.581		
EXT DRO >C28-C36	<10.0	10.0	04/11/2025	ND						

Surrogate: 1-Chlorooctane 97.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 94.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/11/2025	Sampling Date:	04/10/2025
Reported:	04/14/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA CO., NM		

Sample ID: CS - 3 (4.5') (H252162-03)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2025	ND	2.15	107	2.00	1.23		
Toluene*	<0.050	0.050	04/11/2025	ND	2.18	109	2.00	1.36		
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	2.12	106	2.00	1.72		
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.24	104	6.00	1.77		
Total BTEX	<0.300	0.300	04/11/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/11/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/11/2025	ND	181	90.4	200	0.988		
DRO >C10-C28*	<10.0	10.0	04/11/2025	ND	185	92.5	200	0.581		
EXT DRO >C28-C36	<10.0	10.0	04/11/2025	ND						

Surrogate: 1-Chlorooctane 89.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/11/2025	Sampling Date:	04/10/2025
Reported:	04/14/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA CO., NM		

Sample ID: CS - 4 (4.5') (H252162-04)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2025	ND	2.15	107	2.00	1.23		
Toluene*	<0.050	0.050	04/11/2025	ND	2.18	109	2.00	1.36		
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	2.12	106	2.00	1.72		
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.24	104	6.00	1.77		
Total BTEX	<0.300	0.300	04/11/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/11/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/11/2025	ND	181	90.4	200	0.988		
DRO >C10-C28*	<10.0	10.0	04/11/2025	ND	185	92.5	200	0.581		
EXT DRO >C28-C36	<10.0	10.0	04/11/2025	ND						

Surrogate: 1-Chlorooctane 97.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 92.9 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/11/2025	Sampling Date:	04/10/2025
Reported:	04/14/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA CO., NM		

Sample ID: CS - 5 (4.5') (H252162-05)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2025	ND	2.15	107	2.00	1.23		
Toluene*	<0.050	0.050	04/11/2025	ND	2.18	109	2.00	1.36		
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	2.12	106	2.00	1.72		
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.24	104	6.00	1.77		
Total BTEX	<0.300	0.300	04/11/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/11/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/11/2025	ND	181	90.4	200	0.988		
DRO >C10-C28*	<10.0	10.0	04/11/2025	ND	185	92.5	200	0.581		
EXT DRO >C28-C36	<10.0	10.0	04/11/2025	ND						

Surrogate: 1-Chlorooctane 91.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 88.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/11/2025	Sampling Date:	04/10/2025
Reported:	04/14/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA CO., NM		

Sample ID: CS - 6 (4.5') (H252162-06)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2025	ND	2.15	107	2.00	1.23		
Toluene*	<0.050	0.050	04/11/2025	ND	2.18	109	2.00	1.36		
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	2.12	106	2.00	1.72		
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.24	104	6.00	1.77		
Total BTEX	<0.300	0.300	04/11/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/11/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/11/2025	ND	181	90.4	200	0.988		
DRO >C10-C28*	<10.0	10.0	04/11/2025	ND	185	92.5	200	0.581		
EXT DRO >C28-C36	<10.0	10.0	04/11/2025	ND						

Surrogate: 1-Chlorooctane 92.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 88.5 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/11/2025	Sampling Date:	04/10/2025
Reported:	04/14/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA CO., NM		

Sample ID: CS - 7 (4.5') (H252162-07)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2025	ND	2.15	107	2.00	1.23		
Toluene*	<0.050	0.050	04/11/2025	ND	2.18	109	2.00	1.36		
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	2.12	106	2.00	1.72		
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.24	104	6.00	1.77		
Total BTEX	<0.300	0.300	04/11/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	04/11/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/11/2025	ND	196	97.8	200	0.562		
DRO >C10-C28*	<10.0	10.0	04/11/2025	ND	194	96.8	200	3.21		
EXT DRO >C28-C36	<10.0	10.0	04/11/2025	ND						

Surrogate: 1-Chlorooctane 92.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 96.5 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/11/2025	Sampling Date:	04/10/2025
Reported:	04/14/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA CO., NM		

Sample ID: CS - 8 (4.5') (H252162-08)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2025	ND	2.15	107	2.00	1.23		
Toluene*	<0.050	0.050	04/11/2025	ND	2.18	109	2.00	1.36		
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	2.12	106	2.00	1.72		
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.24	104	6.00	1.77		
Total BTEX	<0.300	0.300	04/11/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/11/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/11/2025	ND	196	97.8	200	0.562		
DRO >C10-C28*	<10.0	10.0	04/11/2025	ND	194	96.8	200	3.21		
EXT DRO >C28-C36	<10.0	10.0	04/11/2025	ND						

Surrogate: 1-Chlorooctane 100 % 44.4-145

Surrogate: 1-Chlorooctadecane 105 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/11/2025	Sampling Date:	04/10/2025
Reported:	04/14/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA CO., NM		

Sample ID: CS - 9 (4.5') (H252162-09)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2025	ND	2.15	107	2.00	1.23		
Toluene*	<0.050	0.050	04/11/2025	ND	2.18	109	2.00	1.36		
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	2.12	106	2.00	1.72		
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.24	104	6.00	1.77		
Total BTEX	<0.300	0.300	04/11/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/11/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/11/2025	ND	196	97.8	200	0.562		
DRO >C10-C28*	<10.0	10.0	04/11/2025	ND	194	96.8	200	3.21		
EXT DRO >C28-C36	<10.0	10.0	04/11/2025	ND						

Surrogate: 1-Chlorooctane 101 % 44.4-145

Surrogate: 1-Chlorooctadecane 106 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/11/2025	Sampling Date:	04/10/2025
Reported:	04/14/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA CO., NM		

Sample ID: CS - 10 (4.5') (H252162-10)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2025	ND	2.15	107	2.00	1.23		
Toluene*	<0.050	0.050	04/11/2025	ND	2.18	109	2.00	1.36		
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	2.12	106	2.00	1.72		
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.24	104	6.00	1.77		
Total BTEX	<0.300	0.300	04/11/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/11/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/11/2025	ND	196	97.8	200	0.562		
DRO >C10-C28*	<10.0	10.0	04/11/2025	ND	194	96.8	200	3.21		
EXT DRO >C28-C36	<10.0	10.0	04/11/2025	ND						

Surrogate: 1-Chlorooctane 98.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 104 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/11/2025	Sampling Date:	04/10/2025
Reported:	04/14/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA CO., NM		

Sample ID: CS - 11 (4.5') (H252162-11)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2025	ND	2.15	107	2.00	1.23		
Toluene*	<0.050	0.050	04/11/2025	ND	2.18	109	2.00	1.36		
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	2.12	106	2.00	1.72		
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.24	104	6.00	1.77		
Total BTEX	<0.300	0.300	04/11/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/11/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/11/2025	ND	196	97.8	200	0.562		
DRO >C10-C28*	<10.0	10.0	04/11/2025	ND	194	96.8	200	3.21		
EXT DRO >C28-C36	<10.0	10.0	04/11/2025	ND						

Surrogate: 1-Chlorooctane 89.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 93.4 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/11/2025	Sampling Date:	04/10/2025
Reported:	04/14/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA CO., NM		

Sample ID: CS - 12 (4.5') (H252162-12)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2025	ND	2.15	107	2.00	1.23		
Toluene*	<0.050	0.050	04/11/2025	ND	2.18	109	2.00	1.36		
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	2.12	106	2.00	1.72		
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.24	104	6.00	1.77		
Total BTEX	<0.300	0.300	04/11/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/11/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/11/2025	ND	196	97.8	200	0.562		
DRO >C10-C28*	<10.0	10.0	04/11/2025	ND	194	96.8	200	3.21		
EXT DRO >C28-C36	<10.0	10.0	04/11/2025	ND						

Surrogate: 1-Chlorooctane 102 % 44.4-145

Surrogate: 1-Chlorooctadecane 107 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/11/2025	Sampling Date:	04/10/2025
Reported:	04/14/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA CO., NM		

Sample ID: CS - 13 (4.5') (H252162-13)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2025	ND	2.15	107	2.00	1.23		
Toluene*	<0.050	0.050	04/11/2025	ND	2.18	109	2.00	1.36		
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	2.12	106	2.00	1.72		
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.24	104	6.00	1.77		
Total BTEX	<0.300	0.300	04/11/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/11/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/11/2025	ND	196	97.8	200	0.562		
DRO >C10-C28*	<10.0	10.0	04/11/2025	ND	194	96.8	200	3.21		
EXT DRO >C28-C36	<10.0	10.0	04/11/2025	ND						

Surrogate: 1-Chlorooctane 102 % 44.4-145

Surrogate: 1-Chlorooctadecane 106 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/11/2025	Sampling Date:	04/10/2025
Reported:	04/14/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA CO., NM		

Sample ID: CS - 14 (1.5') (H252162-14)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2025	ND	2.15	107	2.00	1.23	
Toluene*	<0.050	0.050	04/11/2025	ND	2.18	109	2.00	1.36	
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	2.12	106	2.00	1.72	
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.24	104	6.00	1.77	
Total BTEX	<0.300	0.300	04/11/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/11/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2025	ND	196	97.8	200	0.562	
DRO >C10-C28*	<10.0	10.0	04/11/2025	ND	194	96.8	200	3.21	
EXT DRO >C28-C36	<10.0	10.0	04/11/2025	ND					

Surrogate: 1-Chlorooctane 97.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 102 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/11/2025	Sampling Date:	04/10/2025
Reported:	04/14/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA CO., NM		

Sample ID: CS - 15 (1.5') (H252162-15)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2025	ND	2.15	107	2.00	1.23		
Toluene*	<0.050	0.050	04/11/2025	ND	2.18	109	2.00	1.36		
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	2.12	106	2.00	1.72		
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.24	104	6.00	1.77		
Total BTEX	<0.300	0.300	04/11/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/11/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/11/2025	ND	196	97.8	200	0.562		
DRO >C10-C28*	<10.0	10.0	04/11/2025	ND	194	96.8	200	3.21		
EXT DRO >C28-C36	<10.0	10.0	04/11/2025	ND						

Surrogate: 1-Chlorooctane 99.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 104 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/11/2025	Sampling Date:	04/10/2025
Reported:	04/14/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA CO., NM		

Sample ID: CS - 16 (1.5') (H252162-16)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2025	ND	2.15	107	2.00	1.23		
Toluene*	<0.050	0.050	04/11/2025	ND	2.18	109	2.00	1.36		
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	2.12	106	2.00	1.72		
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.24	104	6.00	1.77		
Total BTEX	<0.300	0.300	04/11/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/11/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/11/2025	ND	196	97.8	200	0.562		
DRO >C10-C28*	<10.0	10.0	04/11/2025	ND	194	96.8	200	3.21		
EXT DRO >C28-C36	<10.0	10.0	04/11/2025	ND						

Surrogate: 1-Chlorooctane 99.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 104 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/11/2025	Sampling Date:	04/10/2025
Reported:	04/14/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA CO., NM		

Sample ID: CS - 17 (1.5') (H252162-17)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2025	ND	2.15	107	2.00	1.23		
Toluene*	<0.050	0.050	04/11/2025	ND	2.18	109	2.00	1.36		
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	2.12	106	2.00	1.72		
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.24	104	6.00	1.77		
Total BTEX	<0.300	0.300	04/11/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/11/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/11/2025	ND	196	97.8	200	0.562		
DRO >C10-C28*	<10.0	10.0	04/11/2025	ND	194	96.8	200	3.21		
EXT DRO >C28-C36	<10.0	10.0	04/11/2025	ND						

Surrogate: 1-Chlorooctane 87.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 91.8 % 40.6-153

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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/11/2025	Sampling Date:	04/10/2025
Reported:	04/14/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA CO., NM		

Sample ID: CS - 18 (1.5') (H252162-18)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2025	ND	2.15	107	2.00	1.23		
Toluene*	<0.050	0.050	04/11/2025	ND	2.18	109	2.00	1.36		
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	2.12	106	2.00	1.72		
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.24	104	6.00	1.77		
Total BTEX	<0.300	0.300	04/11/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/11/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/11/2025	ND	196	97.8	200	0.562		
DRO >C10-C28*	<10.0	10.0	04/11/2025	ND	194	96.8	200	3.21		
EXT DRO >C28-C36	<10.0	10.0	04/11/2025	ND						

Surrogate: 1-Chlorooctane 97.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 102 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/11/2025	Sampling Date:	04/10/2025
Reported:	04/14/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA CO., NM		

Sample ID: CS - 19 (1.5') (H252162-19)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2025	ND	2.15	107	2.00	1.23		
Toluene*	<0.050	0.050	04/11/2025	ND	2.18	109	2.00	1.36		
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	2.12	106	2.00	1.72		
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.24	104	6.00	1.77		
Total BTEX	<0.300	0.300	04/11/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/11/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/11/2025	ND	196	97.8	200	0.562		
DRO >C10-C28*	<10.0	10.0	04/11/2025	ND	194	96.8	200	3.21		
EXT DRO >C28-C36	<10.0	10.0	04/11/2025	ND						

Surrogate: 1-Chlorooctane 97.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 101 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/11/2025	Sampling Date:	04/10/2025
Reported:	04/14/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA CO., NM		

Sample ID: CS - 20 (1.5') (H252162-20)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2025	ND	1.91	95.7	2.00	0.670		
Toluene*	<0.050	0.050	04/11/2025	ND	1.99	99.3	2.00	0.809		
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	1.96	97.9	2.00	1.07		
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.43	107	6.00	0.635		
Total BTEX	<0.300	0.300	04/11/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 128 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/11/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/11/2025	ND	196	97.8	200	0.562		
DRO >C10-C28*	<10.0	10.0	04/11/2025	ND	194	96.8	200	3.21		
EXT DRO >C28-C36	<10.0	10.0	04/11/2025	ND						

Surrogate: 1-Chlorooctane 93.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 95.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/11/2025	Sampling Date:	04/10/2025
Reported:	04/14/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA CO., NM		

Sample ID: CS - 21 (1.5') (H252162-21)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2025	ND	1.91	95.7	2.00	0.670		
Toluene*	<0.050	0.050	04/11/2025	ND	1.99	99.3	2.00	0.809		
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	1.96	97.9	2.00	1.07		
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.43	107	6.00	0.635		
Total BTEX	<0.300	0.300	04/11/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/11/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/11/2025	ND	196	97.8	200	0.562		
DRO >C10-C28*	<10.0	10.0	04/11/2025	ND	194	96.8	200	3.21		
EXT DRO >C28-C36	<10.0	10.0	04/11/2025	ND						

Surrogate: 1-Chlorooctane 97.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 99.9 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/11/2025	Sampling Date:	04/10/2025
Reported:	04/14/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA CO., NM		

Sample ID: CS - 22 (1.5') (H252162-22)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2025	ND	1.91	95.7	2.00	0.670		
Toluene*	<0.050	0.050	04/11/2025	ND	1.99	99.3	2.00	0.809		
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	1.96	97.9	2.00	1.07		
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.43	107	6.00	0.635		
Total BTEX	<0.300	0.300	04/11/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 126 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/11/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/11/2025	ND	196	97.8	200	0.562		
DRO >C10-C28*	<10.0	10.0	04/11/2025	ND	194	96.8	200	3.21		
EXT DRO >C28-C36	<10.0	10.0	04/11/2025	ND						

Surrogate: 1-Chlorooctane 101 % 44.4-145

Surrogate: 1-Chlorooctadecane 105 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/11/2025	Sampling Date:	04/10/2025
Reported:	04/14/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA CO., NM		

Sample ID: CS - 23 (1.5') (H252162-23)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2025	ND	1.91	95.7	2.00	0.670		
Toluene*	<0.050	0.050	04/11/2025	ND	1.99	99.3	2.00	0.809		
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	1.96	97.9	2.00	1.07		
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.43	107	6.00	0.635		
Total BTEX	<0.300	0.300	04/11/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 126 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/11/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/11/2025	ND	196	97.8	200	0.562		
DRO >C10-C28*	<10.0	10.0	04/11/2025	ND	194	96.8	200	3.21		
EXT DRO >C28-C36	<10.0	10.0	04/11/2025	ND						

Surrogate: 1-Chlorooctane 93.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 97.1 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/11/2025	Sampling Date:	04/10/2025
Reported:	04/14/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA CO., NM		

Sample ID: CS - 24 (1.5') (H252162-24)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2025	ND	1.91	95.7	2.00	0.670		
Toluene*	<0.050	0.050	04/11/2025	ND	1.99	99.3	2.00	0.809		
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	1.96	97.9	2.00	1.07		
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.43	107	6.00	0.635		
Total BTEX	<0.300	0.300	04/11/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 126 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/11/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/12/2025	ND	196	97.8	200	0.562		
DRO >C10-C28*	<10.0	10.0	04/12/2025	ND	194	96.8	200	3.21		
EXT DRO >C28-C36	<10.0	10.0	04/12/2025	ND						

Surrogate: 1-Chlorooctane 93.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 97.4 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/11/2025	Sampling Date:	04/10/2025
Reported:	04/14/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA CO., NM		

Sample ID: CS - 25 (1.5') (H252162-25)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2025	ND	1.91	95.7	2.00	0.670		
Toluene*	<0.050	0.050	04/11/2025	ND	1.99	99.3	2.00	0.809		
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	1.96	97.9	2.00	1.07		
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.43	107	6.00	0.635		
Total BTEX	<0.300	0.300	04/11/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 126 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/11/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/12/2025	ND	196	97.8	200	0.562		
DRO >C10-C28*	<10.0	10.0	04/12/2025	ND	194	96.8	200	3.21		
EXT DRO >C28-C36	<10.0	10.0	04/12/2025	ND						

Surrogate: 1-Chlorooctane 93.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 96.5 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/11/2025	Sampling Date:	04/10/2025
Reported:	04/14/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA CO., NM		

Sample ID: CS - 26 (1.5') (H252162-26)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2025	ND	1.91	95.7	2.00	0.670		
Toluene*	<0.050	0.050	04/11/2025	ND	1.99	99.3	2.00	0.809		
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	1.96	97.9	2.00	1.07		
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.43	107	6.00	0.635		
Total BTEX	<0.300	0.300	04/11/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/11/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/12/2025	ND	196	97.8	200	0.562		
DRO >C10-C28*	<10.0	10.0	04/12/2025	ND	194	96.8	200	3.21		
EXT DRO >C28-C36	<10.0	10.0	04/12/2025	ND						

Surrogate: 1-Chlorooctane 94.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 99.0 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/11/2025	Sampling Date:	04/10/2025
Reported:	04/14/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA CO., NM		

Sample ID: CS - 27 (1.5') (H252162-27)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2025	ND	1.91	95.7	2.00	0.670		
Toluene*	<0.050	0.050	04/11/2025	ND	1.99	99.3	2.00	0.809		
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	1.96	97.9	2.00	1.07		
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.43	107	6.00	0.635		
Total BTEX	<0.300	0.300	04/11/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 127 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/11/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/11/2025	ND	185	92.4	200	3.43		
DRO >C10-C28*	<10.0	10.0	04/11/2025	ND	183	91.4	200	2.16		
EXT DRO >C28-C36	<10.0	10.0	04/11/2025	ND						

Surrogate: 1-Chlorooctane 80.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.8 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/11/2025	Sampling Date:	04/10/2025
Reported:	04/14/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA CO., NM		

Sample ID: CS - 28 (1.5') (H252162-28)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2025	ND	1.91	95.7	2.00	0.670	
Toluene*	<0.050	0.050	04/11/2025	ND	1.99	99.3	2.00	0.809	
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	1.96	97.9	2.00	1.07	
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.43	107	6.00	0.635	
Total BTEX	<0.300	0.300	04/11/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/11/2025	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2025	ND	185	92.4	200	3.43	
DRO >C10-C28*	<10.0	10.0	04/11/2025	ND	183	91.4	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	04/11/2025	ND					

Surrogate: 1-Chlorooctane 78.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 75.4 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/11/2025	Sampling Date:	04/10/2025
Reported:	04/14/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA CO., NM		

Sample ID: SW - 1 (4.5') (H252162-29)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2025	ND	1.91	95.7	2.00	0.670		
Toluene*	<0.050	0.050	04/11/2025	ND	1.99	99.3	2.00	0.809		
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	1.96	97.9	2.00	1.07		
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.43	107	6.00	0.635		
Total BTEX	<0.300	0.300	04/11/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 127 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/11/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/11/2025	ND	185	92.4	200	3.43		
DRO >C10-C28*	<10.0	10.0	04/11/2025	ND	183	91.4	200	2.16		
EXT DRO >C28-C36	<10.0	10.0	04/11/2025	ND						

Surrogate: 1-Chlorooctane 77.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 75.0 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/11/2025	Sampling Date:	04/10/2025
Reported:	04/14/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA CO., NM		

Sample ID: SW - 2 (4.5') (H252162-30)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2025	ND	1.91	95.7	2.00	0.670		
Toluene*	<0.050	0.050	04/11/2025	ND	1.99	99.3	2.00	0.809		
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	1.96	97.9	2.00	1.07		
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.43	107	6.00	0.635		
Total BTEX	<0.300	0.300	04/11/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 126 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/11/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/11/2025	ND	185	92.4	200	3.43		
DRO >C10-C28*	19.0	10.0	04/11/2025	ND	183	91.4	200	2.16		
EXT DRO >C28-C36	<10.0	10.0	04/11/2025	ND						

Surrogate: 1-Chlorooctane 91.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 98.9 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/11/2025	Sampling Date:	04/10/2025
Reported:	04/14/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA CO., NM		

Sample ID: SW - 3 (4.5') (H252162-31)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2025	ND	1.91	95.7	2.00	0.670		
Toluene*	<0.050	0.050	04/11/2025	ND	1.99	99.3	2.00	0.809		
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	1.96	97.9	2.00	1.07		
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.43	107	6.00	0.635		
Total BTEX	<0.300	0.300	04/11/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/11/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/11/2025	ND	185	92.4	200	3.43		
DRO >C10-C28*	<10.0	10.0	04/11/2025	ND	183	91.4	200	2.16		
EXT DRO >C28-C36	<10.0	10.0	04/11/2025	ND						

Surrogate: 1-Chlorooctane 72.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 71.0 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/11/2025	Sampling Date:	04/10/2025
Reported:	04/14/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA CO., NM		

Sample ID: SW - 4 (4.5') (H252162-32)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2025	ND	1.91	95.7	2.00	0.670	
Toluene*	<0.050	0.050	04/11/2025	ND	1.99	99.3	2.00	0.809	
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	1.96	97.9	2.00	1.07	
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.43	107	6.00	0.635	
Total BTEX	<0.300	0.300	04/11/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/11/2025	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2025	ND	185	92.4	200	3.43	
DRO >C10-C28*	10.1	10.0	04/11/2025	ND	183	91.4	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	04/11/2025	ND					

Surrogate: 1-Chlorooctane 75.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 75.8 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/11/2025	Sampling Date:	04/10/2025
Reported:	04/14/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA CO., NM		

Sample ID: SW - 5 (4.5') (H252162-33)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2025	ND	1.91	95.7	2.00	0.670	
Toluene*	<0.050	0.050	04/11/2025	ND	1.99	99.3	2.00	0.809	
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	1.96	97.9	2.00	1.07	
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.43	107	6.00	0.635	
Total BTEX	<0.300	0.300	04/11/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 126 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/11/2025	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2025	ND	185	92.4	200	3.43	
DRO >C10-C28*	<10.0	10.0	04/11/2025	ND	183	91.4	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	04/11/2025	ND					

Surrogate: 1-Chlorooctane 76.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 74.9 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/11/2025	Sampling Date:	04/10/2025
Reported:	04/14/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA CO., NM		

Sample ID: SW - 6 (4.5') (H252162-34)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2025	ND	1.91	95.7	2.00	0.670		
Toluene*	<0.050	0.050	04/11/2025	ND	1.99	99.3	2.00	0.809		
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	1.96	97.9	2.00	1.07		
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.43	107	6.00	0.635		
Total BTEX	<0.300	0.300	04/11/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 126 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/11/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/11/2025	ND	185	92.4	200	3.43		
DRO >C10-C28*	<10.0	10.0	04/11/2025	ND	183	91.4	200	2.16		
EXT DRO >C28-C36	<10.0	10.0	04/11/2025	ND						

Surrogate: 1-Chlorooctane 79.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 78.1 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/11/2025	Sampling Date:	04/10/2025
Reported:	04/14/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA CO., NM		

Sample ID: SW - 7 (1.5' - 4.5') (H252162-35)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2025	ND	1.91	95.7	2.00	0.670	
Toluene*	<0.050	0.050	04/11/2025	ND	1.99	99.3	2.00	0.809	
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	1.96	97.9	2.00	1.07	
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.43	107	6.00	0.635	
Total BTEX	<0.300	0.300	04/11/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 128 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/11/2025	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2025	ND	185	92.4	200	3.43	
DRO >C10-C28*	<10.0	10.0	04/11/2025	ND	183	91.4	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	04/11/2025	ND					

Surrogate: 1-Chlorooctane 68.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 66.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/11/2025	Sampling Date:	04/10/2025
Reported:	04/14/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA CO., NM		

Sample ID: SW - 8 (1.5' - 4.5') (H252162-36)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2025	ND	1.91	95.7	2.00	0.670	
Toluene*	<0.050	0.050	04/11/2025	ND	1.99	99.3	2.00	0.809	
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	1.96	97.9	2.00	1.07	
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.43	107	6.00	0.635	
Total BTEX	<0.300	0.300	04/11/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 126 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/11/2025	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2025	ND	185	92.4	200	3.43	
DRO >C10-C28*	<10.0	10.0	04/11/2025	ND	183	91.4	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	04/11/2025	ND					

Surrogate: 1-Chlorooctane 75.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 73.9 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/11/2025	Sampling Date:	04/10/2025
Reported:	04/14/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA CO., NM		

Sample ID: SW - 9 (1.5') (H252162-37)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2025	ND	1.91	95.7	2.00	0.670	
Toluene*	<0.050	0.050	04/11/2025	ND	1.99	99.3	2.00	0.809	
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	1.96	97.9	2.00	1.07	
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.43	107	6.00	0.635	
Total BTEX	<0.300	0.300	04/11/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 126 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/11/2025	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2025	ND	185	92.4	200	3.43	
DRO >C10-C28*	<10.0	10.0	04/11/2025	ND	183	91.4	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	04/11/2025	ND					

Surrogate: 1-Chlorooctane 67.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 66.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/11/2025	Sampling Date:	04/10/2025
Reported:	04/14/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA CO., NM		

Sample ID: SW - 10 (1.5') (H252162-38)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2025	ND	1.91	95.7	2.00	0.670	
Toluene*	<0.050	0.050	04/11/2025	ND	1.99	99.3	2.00	0.809	
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	1.96	97.9	2.00	1.07	
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.43	107	6.00	0.635	
Total BTEX	<0.300	0.300	04/11/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 126 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/11/2025	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2025	ND	185	92.4	200	3.43	
DRO >C10-C28*	<10.0	10.0	04/11/2025	ND	183	91.4	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	04/11/2025	ND					

Surrogate: 1-Chlorooctane 73.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 71.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/11/2025	Sampling Date:	04/10/2025
Reported:	04/14/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA CO., NM		

Sample ID: SW - 11 (1.5') (H252162-39)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2025	ND	1.91	95.7	2.00	0.670	
Toluene*	<0.050	0.050	04/11/2025	ND	1.99	99.3	2.00	0.809	
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	1.96	97.9	2.00	1.07	
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.43	107	6.00	0.635	
Total BTEX	<0.300	0.300	04/11/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 127 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/11/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2025	ND	185	92.4	200	3.43	
DRO >C10-C28*	<10.0	10.0	04/11/2025	ND	183	91.4	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	04/11/2025	ND					

Surrogate: 1-Chlorooctane 73.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 72.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/11/2025	Sampling Date:	04/10/2025
Reported:	04/14/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA CO., NM		

Sample ID: SW - 12 (1.5') (H252162-40)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2025	ND	2.16	108	2.00	0.742	
Toluene*	<0.050	0.050	04/11/2025	ND	2.20	110	2.00	0.627	
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	2.05	103	2.00	1.94	
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.11	102	6.00	1.22	
Total BTEX	<0.300	0.300	04/11/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/11/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2025	ND	185	92.4	200	3.43	
DRO >C10-C28*	<10.0	10.0	04/11/2025	ND	183	91.4	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	04/11/2025	ND					

Surrogate: 1-Chlorooctane 74.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 72.6 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/11/2025	Sampling Date:	04/10/2025
Reported:	04/14/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA CO., NM		

Sample ID: SW - 13 (1.5') (H252162-41)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2025	ND	2.16	108	2.00	0.742	
Toluene*	<0.050	0.050	04/11/2025	ND	2.20	110	2.00	0.627	
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	2.05	103	2.00	1.94	
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.11	102	6.00	1.22	
Total BTEX	<0.300	0.300	04/11/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/11/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2025	ND	185	92.4	200	3.43	
DRO >C10-C28*	<10.0	10.0	04/11/2025	ND	183	91.4	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	04/11/2025	ND					

Surrogate: 1-Chlorooctane 74.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 73.3 % 40.6-153

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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: 14258119

Page 2 of 5

Page 45 of 48

Project Manager:	Ashton Thielke	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 West Wall Ste. 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-8988	Email:	ThielkeA@Carmonaresources.com

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

Project Name:	Salado Draw 19 CTB and CS	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code		ANALYSIS REQUEST															
Project Number:	2662	Due Date:	24 Hour																		
Project Location:	Lea Co. NM	TAT starts the day received by the lab, if received by 4:30pm																			
Sampler's Name:	KR	Wet Ice:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																	
PO #:		Thermometer ID:		#140																	
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	0.03																
Received In tact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:	1.10																
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Total Containers:	Corrected Temperature:	1.9																	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Preservative Codes	Sample Comments
11 CS-11 (4.5')	4/10/2025		X		Comp	1	X	X	X	None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC	
12 CS-12 (4.5')	4/10/2025		X		Comp	1	X	X	X		
13 CS-13 (4.5')	4/10/2025		X		Comp	1	X	X	X		
14 CS-14 (1.5')	4/10/2025		X		Comp	1	X	X	X		
15 CS-15 (1.5')	4/10/2025		X		Comp	1	X	X	X		
16 CS-16 (1.5')	4/10/2025		X		Comp	1	X	X	X		
17 CS-17 (1.5')	4/10/2025		X		Comp	1	X	X	X		
18 CS-18 (1.5')	4/10/2025		X		Comp	1	X	X	X		
19 CS-19 (1.5')	4/10/2025		X		Comp	1	X	X	X		
20 CS-20 (1.5')	4/10/2025		X		Comp	1	X	X	X		

Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
	<i>[Signature]</i>	4-11-25 0848		<i>[Signature]</i>	

Chain of Custody

Work Order No: 1155310

Page 3 of 5

Project Manager:	Ashton Thielke	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 West Wall Ste. 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-8988	Email:	ThielkeA@Carmonaresources.com

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

Project Name:	Salado Draw 19 CTB and CS	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	
Project Number:	2662	Due Date:	24 Hour		
Project Location:	Lea Co. NM	TAT starts the day received by the lab, if received by 4:30pm			
Sampler's Name:	KR	Wet Ice:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Thermometer ID:	#140
PO #:		Correction Factor:		Temperature Reading:	90.3
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Corrected Temperature:	1.0
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Corrected Temperature:	1.0
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Total Containers:			

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Preservative Codes	Sample Comments
21 CS-21 (1.5')	4/10/2025		X		Comp	1	BTEX 8021B	None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC	
22 CS-22 (1.5')	4/10/2025		X		Comp	1	TPH 8015M (GRO + DRO + MRO)		
23 CS-23 (1.5')	4/10/2025		X		Comp	1	Chloride 4500		
24 CS-24 (1.5')	4/10/2025		X		Comp	1			
25 CS-25 (1.5')	4/10/2025		X		Comp	1			
26 CS-26 (1.5')	4/10/2025		X		Comp	1			
27 CS-27 (1.5')	4/10/2025		X		Comp	1			
28 CS-28 (1.5')	4/10/2025		X		Comp	1			
29 SW-1 (4.5')	4/10/2025		X		Comp	1			
30 SW-2 (4.5')	4/10/2025		X		Comp	1			

Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
	<i>[Signature]</i>	4-11-25 0848		<i>[Signature]</i>	

Chain of Custody

Work Order No: H25A102

Page 4 of 5

Project Manager:	Ashton Thielke	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 West Wall Ste. 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-8988	Email:	ThielkeA@Carmonaresources.com

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

Project Name:	Salado Draw 19 CTB and CS	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	
Project Number:	2662	Due Date:	24 Hour		
Project Location:	Lea Co. NM	TAT starts the day received by the lab. If received by 4:30pm			
Sampler's Name:	KR	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
PO #:		Thermometer ID:	#140		
SAMPLE RECEIPT	Temp Blank:	Correction Factor:	1.05		
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	1.95		
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Corrected Temperature:			
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				
Total Containers:					

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST			Sample Comments
							BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	
31 SW-3 (4.5')	4/10/2025		X		Comp	1	X	X	X	
32 SW-4 (4.5')	4/10/2025		X		Comp	1	X	X	X	
33 SW-5 (4.5')	4/10/2025		X		Comp	1	X	X	X	
34 SW-6 (4.5')	4/10/2025		X		Comp	1	X	X	X	
35 SW-7 (1.5'-4.5')	4/10/2025		X		Comp	1	X	X	X	
36 SW-8 (1.5'-4.5')	4/10/2025		X		Comp	1	X	X	X	
37 SW-9 (1.5')	4/10/2025		X		Comp	1	X	X	X	
38 SW-10 (1.5')	4/10/2025		X		Comp	1	X	X	X	
39 SW-11 (1.5')	4/10/2025		X		Comp	1	X	X	X	
40 SW-12 (1.5')	4/10/2025		X		Comp	1	X	X	X	

Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
	<i>[Signature]</i>	4.1.25 0848		<i>[Signature]</i>	



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

April 14, 2025

ASHTON THIELKE
CARMONA RESOURCES
310 W WALL ST, SUITE 500
MIDLAND, TX 79701

RE: SALADO DRAW 19 CTB

Enclosed are the results of analyses for samples received by the laboratory on 04/11/25 16:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/11/2025	Sampling Date:	04/11/2025
Reported:	04/14/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: CS - 29 (4.5') (H252177-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2025	ND	2.18	109	2.00	1.58	
Toluene*	<0.050	0.050	04/11/2025	ND	2.21	110	2.00	1.50	
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	2.15	107	2.00	1.44	
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.30	105	6.00	1.40	
Total BTEX	<0.300	0.300	04/11/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/14/2025	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2025	ND	205	102	200	2.07	
DRO >C10-C28*	<10.0	10.0	04/11/2025	ND	200	100	200	3.35	
EXT DRO >C28-C36	<10.0	10.0	04/11/2025	ND					

Surrogate: 1-Chlorooctane 101 % 44.4-145

Surrogate: 1-Chlorooctadecane 97.5 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/11/2025	Sampling Date:	04/11/2025
Reported:	04/14/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: CS - 30 (4.5') (H252177-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2025	ND	2.18	109	2.00	1.58	
Toluene*	<0.050	0.050	04/11/2025	ND	2.21	110	2.00	1.50	
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	2.15	107	2.00	1.44	
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.30	105	6.00	1.40	
Total BTEX	<0.300	0.300	04/11/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/14/2025	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2025	ND	205	102	200	2.07	
DRO >C10-C28*	<10.0	10.0	04/11/2025	ND	200	100	200	3.35	
EXT DRO >C28-C36	<10.0	10.0	04/11/2025	ND					

Surrogate: 1-Chlorooctane 109 % 44.4-145

Surrogate: 1-Chlorooctadecane 105 % 40.6-153

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/11/2025	Sampling Date:	04/11/2025
Reported:	04/14/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: CS - 31 (4.5') (H252177-03)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2025	ND	2.18	109	2.00	1.58		
Toluene*	<0.050	0.050	04/11/2025	ND	2.21	110	2.00	1.50		
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	2.15	107	2.00	1.44		
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.30	105	6.00	1.40		
Total BTEX	<0.300	0.300	04/11/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	04/14/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/11/2025	ND	205	102	200	2.07		
DRO >C10-C28*	<10.0	10.0	04/11/2025	ND	200	100	200	3.35		
EXT DRO >C28-C36	<10.0	10.0	04/11/2025	ND						

Surrogate: 1-Chlorooctane 107 % 44.4-145

Surrogate: 1-Chlorooctadecane 103 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/11/2025	Sampling Date:	04/11/2025
Reported:	04/14/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: SW - 14 (4.5') (H252177-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2025	ND	2.18	109	2.00	1.58	
Toluene*	<0.050	0.050	04/11/2025	ND	2.21	110	2.00	1.50	
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	2.15	107	2.00	1.44	
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.30	105	6.00	1.40	
Total BTEX	<0.300	0.300	04/11/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/14/2025	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2025	ND	205	102	200	2.07	
DRO >C10-C28*	<10.0	10.0	04/12/2025	ND	200	100	200	3.35	
EXT DRO >C28-C36	<10.0	10.0	04/12/2025	ND					

Surrogate: 1-Chlorooctane 111 % 44.4-145

Surrogate: 1-Chlorooctadecane 107 % 40.6-153

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/11/2025	Sampling Date:	04/11/2025
Reported:	04/14/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: SW - 15 (4.5') (H252177-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2025	ND	2.18	109	2.00	1.58	
Toluene*	<0.050	0.050	04/11/2025	ND	2.21	110	2.00	1.50	
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	2.15	107	2.00	1.44	
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.30	105	6.00	1.40	
Total BTEX	<0.300	0.300	04/11/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	04/14/2025	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/11/2025	ND	186	93.1	200	5.49	
DRO >C10-C28*	<10.0	10.0	04/11/2025	ND	193	96.6	200	3.45	
EXT DRO >C28-C36	<10.0	10.0	04/11/2025	ND					

Surrogate: 1-Chlorooctane 90.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 90.9 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/11/2025	Sampling Date:	04/11/2025
Reported:	04/14/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: SW - 16 (4.5') (H252177-06)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2025	ND	2.18	109	2.00	1.58		
Toluene*	<0.050	0.050	04/11/2025	ND	2.21	110	2.00	1.50		
Ethylbenzene*	<0.050	0.050	04/11/2025	ND	2.15	107	2.00	1.44		
Total Xylenes*	<0.150	0.150	04/11/2025	ND	6.30	105	6.00	1.40		
Total BTEX	<0.300	0.300	04/11/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	04/14/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/11/2025	ND	186	93.1	200	5.49		
DRO >C10-C28*	<10.0	10.0	04/11/2025	ND	193	96.6	200	3.45		
EXT DRO >C28-C36	<10.0	10.0	04/11/2025	ND						

Surrogate: 1-Chlorooctane 97.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 97.3 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

April 16, 2025

ASHTON THIELKE
CARMONA RESOURCES
310 W WALL ST, SUITE 500
MIDLAND, TX 79701

RE: SALADO DRAW 19 CTB AND CS

Enclosed are the results of analyses for samples received by the laboratory on 04/15/25 16:02.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/15/2025	Sampling Date:	04/15/2025
Reported:	04/16/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Alyssa Parras
Project Location:	LEA CO., NM		

Sample ID: CS - 32 (4.5') (H252258-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2025	ND	2.04	102	2.00	6.24	
Toluene*	<0.050	0.050	04/15/2025	ND	1.91	95.7	2.00	6.70	
Ethylbenzene*	<0.050	0.050	04/15/2025	ND	1.91	95.6	2.00	5.66	
Total Xylenes*	<0.150	0.150	04/15/2025	ND	5.83	97.1	6.00	5.97	
Total BTEX	<0.300	0.300	04/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	04/16/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/16/2025	ND	189	94.6	200	1.78	
DRO >C10-C28*	<10.0	10.0	04/16/2025	ND	187	93.3	200	2.39	
EXT DRO >C28-C36	<10.0	10.0	04/16/2025	ND					

Surrogate: 1-Chlorooctane 101 % 44.4-145

Surrogate: 1-Chlorooctadecane 96.9 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/15/2025	Sampling Date:	04/15/2025
Reported:	04/16/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Alyssa Parras
Project Location:	LEA CO., NM		

Sample ID: CS - 33 (4.5') (H252258-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/15/2025	ND	2.04	102	2.00	6.24		
Toluene*	<0.050	0.050	04/15/2025	ND	1.91	95.7	2.00	6.70		
Ethylbenzene*	<0.050	0.050	04/15/2025	ND	1.91	95.6	2.00	5.66		
Total Xylenes*	<0.150	0.150	04/15/2025	ND	5.83	97.1	6.00	5.97		
Total BTEX	<0.300	0.300	04/15/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	04/16/2025	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/16/2025	ND	189	94.6	200	1.78		
DRO >C10-C28*	<10.0	10.0	04/16/2025	ND	187	93.3	200	2.39		
EXT DRO >C28-C36	<10.0	10.0	04/16/2025	ND						

Surrogate: 1-Chlorooctane 113 % 44.4-145

Surrogate: 1-Chlorooctadecane 108 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/15/2025	Sampling Date:	04/15/2025
Reported:	04/16/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Alyssa Parras
Project Location:	LEA CO., NM		

Sample ID: CS - 34 (4.5') (H252258-03)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/15/2025	ND	2.04	102	2.00	6.24		
Toluene*	<0.050	0.050	04/15/2025	ND	1.91	95.7	2.00	6.70		
Ethylbenzene*	<0.050	0.050	04/15/2025	ND	1.91	95.6	2.00	5.66		
Total Xylenes*	<0.150	0.150	04/15/2025	ND	5.83	97.1	6.00	5.97		
Total BTEX	<0.300	0.300	04/15/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	04/16/2025	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/16/2025	ND	189	94.6	200	1.78		
DRO >C10-C28*	<10.0	10.0	04/16/2025	ND	187	93.3	200	2.39		
EXT DRO >C28-C36	<10.0	10.0	04/16/2025	ND						

Surrogate: 1-Chlorooctane 115 % 44.4-145

Surrogate: 1-Chlorooctadecane 110 % 40.6-153

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/15/2025	Sampling Date:	04/15/2025
Reported:	04/16/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Alyssa Parras
Project Location:	LEA CO., NM		

Sample ID: SW - 17 (4.5') (H252258-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2025	ND	2.04	102	2.00	6.24	
Toluene*	<0.050	0.050	04/15/2025	ND	1.91	95.7	2.00	6.70	
Ethylbenzene*	<0.050	0.050	04/15/2025	ND	1.91	95.6	2.00	5.66	
Total Xylenes*	<0.150	0.150	04/15/2025	ND	5.83	97.1	6.00	5.97	
Total BTEX	<0.300	0.300	04/15/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	04/16/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/16/2025	ND	189	94.6	200	1.78	
DRO >C10-C28*	<10.0	10.0	04/16/2025	ND	187	93.3	200	2.39	
EXT DRO >C28-C36	<10.0	10.0	04/16/2025	ND					

Surrogate: 1-Chlorooctane 103 % 44.4-145

Surrogate: 1-Chlorooctadecane 98.7 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: 17352258

Project Manager:	Ashton Thielke	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 West Wall Ste. 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-8988	Email:	ThielkeA@Carmonaresources.com

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

Project Name:	Project Number:	Project Location:	Sampler's Name:	PO #:	Turn Around		Pres. Code	ANALYSIS REQUEST			Preservative Codes		
					<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush		Due Date:	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)		Chloride 4500	
Salado Draw 19 CTB and CS	2662	Lea Co, NM	KR		<input type="checkbox"/>	<input checked="" type="checkbox"/>							
SAMPLE RECEIPT				Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Parameters					
Received Intact:				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:								
Cooler Custody Seals:				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:								
Sample Custody Seals:				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:								
Total Containers:				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Corrected Temperature:								
Sample Identification				Date	Time	Soil	Water	Grab/Comp	# of Cont	Sample Comments			
CS-32 (4.5')				4/15/2025		X		Comp	1	X	X	X	
CS-33 (4.5')				4/15/2025		X		Comp	1	X	X	X	
CS-34 (4.5')				4/15/2025		X		Comp	1	X	X	X	
SW-17 (4.5')				4/15/2025		X		Comp	1	X	X	X	

Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	4:53:05 14/12			

Revised Date 05/01/2020 Rev. 2020.1



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

April 17, 2025

ASHTON THIELKE
CARMONA RESOURCES
310 W WALL ST, SUITE 500
MIDLAND, TX 79701

RE: SALADO DRAW 19 CTB AND CS

Enclosed are the results of analyses for samples received by the laboratory on 04/16/25 14:28.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/16/2025	Sampling Date:	04/16/2025
Reported:	04/17/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Shari Cisneros
Project Location:	LEA CO., NM		

Sample ID: CS - 35 (4.5') (H252293-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/16/2025	ND	2.17	109	2.00	4.29	
Toluene*	<0.050	0.050	04/16/2025	ND	2.21	111	2.00	4.20	
Ethylbenzene*	<0.050	0.050	04/16/2025	ND	2.18	109	2.00	4.14	
Total Xylenes*	<0.150	0.150	04/16/2025	ND	6.40	107	6.00	3.99	
Total BTEX	<0.300	0.300	04/16/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/17/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/16/2025	ND	180	89.8	200	4.44	
DRO >C10-C28*	<10.0	10.0	04/16/2025	ND	178	88.9	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	04/16/2025	ND					

Surrogate: 1-Chlorooctane 78.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/16/2025	Sampling Date:	04/16/2025
Reported:	04/17/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Shari Cisneros
Project Location:	LEA CO., NM		

Sample ID: SW - 18 (4.5') (H252293-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/16/2025	ND	2.17	109	2.00	4.29	
Toluene*	<0.050	0.050	04/16/2025	ND	2.21	111	2.00	4.20	
Ethylbenzene*	<0.050	0.050	04/16/2025	ND	2.18	109	2.00	4.14	
Total Xylenes*	<0.150	0.150	04/16/2025	ND	6.40	107	6.00	3.99	
Total BTEX	<0.300	0.300	04/16/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/17/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/16/2025	ND	180	89.8	200	4.44	
DRO >C10-C28*	<10.0	10.0	04/16/2025	ND	178	88.9	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	04/16/2025	ND					

Surrogate: 1-Chlorooctane 77.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 77.4 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: 18532293

Page 1 of 1

Project Manager:	Ashton Thielke	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 West Wall Ste. 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-8988	Email:	ThielkeA@Carmonaresources.com

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

Project Name:	Salado Draw 19 CTB and CS	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	
Project Number:	2662	Due Date:	24 Hour		
Project Location:	Lea Co. NM	TAT starts the day received by the lab, if received by 4:30pm			
Sampler's Name:	KR	Wet Ice:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
PO #:		Thermometer ID:	#140		
SAMPLE RECEIPT		Temp Blank:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Received In tact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	3.95		
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	4.12		
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Corrected Temperature:			
Total Containers:					

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST	Preservative Codes	Sample Comments
CS-35 (4.5)	4/16/2025		X		Comp	1	BTEX 8021B		None: NO DI Water: H ₂ O	
SW-18 (4.5)	4/16/2025		X		Comp	1	TPH 8015M (GRO + DRO + MRO)		MeOH: Me HNO ₃ : HN	
							Chloride 4500		HCL: HC NaOH: Na	
									H ₂ SO ₄ : H ₂	
									H ₃ PO ₄ : HP	
									NaHSO ₄ : NABIS	
									Na ₂ S ₂ O ₃ : NaSO ₃	
									Zn Acetate+NaOH: Zn	
									NaOH+Ascorbic Acid: SAPC	

Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
	<i>Shari Linnovos</i>	4/16/25 14:28			

Revised Date 05/1/2020 Rev. 2020.1



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

April 22, 2025

ASHTON THIELKE
CARMONA RESOURCES
310 W WALL ST, SUITE 500
MIDLAND, TX 79701

RE: SALADO DRAW 19 CTB AND CS

Enclosed are the results of analyses for samples received by the laboratory on 04/15/25 16:02.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/15/2025	Sampling Date:	04/15/2025
Reported:	04/22/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Alyssa Parras
Project Location:	LEA CO., NM		

Sample ID: DF-1 (4.5') (H252268-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/17/2025	ND	2.22	111	2.00	0.461	
Toluene*	<0.050	0.050	04/17/2025	ND	2.26	113	2.00	2.53	
Ethylbenzene*	<0.050	0.050	04/17/2025	ND	2.36	118	2.00	2.98	
Total Xylenes*	<0.150	0.150	04/17/2025	ND	7.10	118	6.00	3.77	
Total BTEX	<0.300	0.300	04/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6960	16.0	04/16/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/16/2025	ND	186	92.9	200	3.47	
DRO >C10-C28*	<10.0	10.0	04/16/2025	ND	183	91.3	200	3.10	
EXT DRO >C28-C36	<10.0	10.0	04/16/2025	ND					

Surrogate: 1-Chlorooctane 74.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 68.1 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/15/2025	Sampling Date:	04/15/2025
Reported:	04/22/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Alyssa Parras
Project Location:	LEA CO., NM		

Sample ID: DF-2 (4.5') (H252268-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/17/2025	ND	2.22	111	2.00	0.461		
Toluene*	<0.050	0.050	04/17/2025	ND	2.26	113	2.00	2.53		
Ethylbenzene*	<0.050	0.050	04/17/2025	ND	2.36	118	2.00	2.98		
Total Xylenes*	<0.150	0.150	04/17/2025	ND	7.10	118	6.00	3.77		
Total BTEX	<0.300	0.300	04/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7200	16.0	04/16/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/16/2025	ND	186	92.9	200	3.47		
DRO >C10-C28*	<10.0	10.0	04/16/2025	ND	183	91.3	200	3.10		
EXT DRO >C28-C36	<10.0	10.0	04/16/2025	ND						

Surrogate: 1-Chlorooctane 81.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 74.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/15/2025	Sampling Date:	04/15/2025
Reported:	04/22/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Alyssa Parras
Project Location:	LEA CO., NM		

Sample ID: DF-3 (4.5') (H252268-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/17/2025	ND	2.22	111	2.00	0.461	
Toluene*	<0.050	0.050	04/17/2025	ND	2.26	113	2.00	2.53	
Ethylbenzene*	<0.050	0.050	04/17/2025	ND	2.36	118	2.00	2.98	
Total Xylenes*	<0.150	0.150	04/17/2025	ND	7.10	118	6.00	3.77	
Total BTEX	<0.300	0.300	04/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 131 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6640	16.0	04/16/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/16/2025	ND	186	92.9	200	3.47	
DRO >C10-C28*	<10.0	10.0	04/16/2025	ND	183	91.3	200	3.10	
EXT DRO >C28-C36	<10.0	10.0	04/16/2025	ND					

Surrogate: 1-Chlorooctane 70.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 64.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/15/2025	Sampling Date:	04/15/2025
Reported:	04/22/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Alyssa Parras
Project Location:	LEA CO., NM		

Sample ID: DF-4 (4.5') (H252268-04)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/17/2025	ND	2.22	111	2.00	0.461		
Toluene*	<0.050	0.050	04/17/2025	ND	2.26	113	2.00	2.53		
Ethylbenzene*	<0.050	0.050	04/17/2025	ND	2.36	118	2.00	2.98		
Total Xylenes*	<0.150	0.150	04/17/2025	ND	7.10	118	6.00	3.77		
Total BTEX	<0.300	0.300	04/17/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 130 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6000	16.0	04/16/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/16/2025	ND	186	92.9	200	3.47		
DRO >C10-C28*	<10.0	10.0	04/16/2025	ND	183	91.3	200	3.10		
EXT DRO >C28-C36	<10.0	10.0	04/16/2025	ND						

Surrogate: 1-Chlorooctane 80.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 73.9 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/15/2025	Sampling Date:	04/15/2025
Reported:	04/22/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Alyssa Parras
Project Location:	LEA CO., NM		

Sample ID: DF-5 (4.5') (H252268-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/17/2025	ND	2.22	111	2.00	0.461	
Toluene*	<0.050	0.050	04/17/2025	ND	2.26	113	2.00	2.53	
Ethylbenzene*	<0.050	0.050	04/17/2025	ND	2.36	118	2.00	2.98	
Total Xylenes*	<0.150	0.150	04/17/2025	ND	7.10	118	6.00	3.77	
Total BTEX	<0.300	0.300	04/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 131 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5120	16.0	04/16/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/16/2025	ND	186	92.9	200	3.47	
DRO >C10-C28*	<10.0	10.0	04/16/2025	ND	183	91.3	200	3.10	
EXT DRO >C28-C36	<10.0	10.0	04/16/2025	ND					

Surrogate: 1-Chlorooctane 79.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 72.4 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/15/2025	Sampling Date:	04/15/2025
Reported:	04/22/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Alyssa Parras
Project Location:	LEA CO., NM		

Sample ID: DF-6 (4.5') (H252268-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/17/2025	ND	2.22	111	2.00	0.461	
Toluene*	<0.050	0.050	04/17/2025	ND	2.26	113	2.00	2.53	
Ethylbenzene*	<0.050	0.050	04/17/2025	ND	2.36	118	2.00	2.98	
Total Xylenes*	<0.150	0.150	04/17/2025	ND	7.10	118	6.00	3.77	
Total BTEX	<0.300	0.300	04/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6240	16.0	04/16/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/16/2025	ND	186	92.9	200	3.47	
DRO >C10-C28*	<10.0	10.0	04/16/2025	ND	183	91.3	200	3.10	
EXT DRO >C28-C36	<10.0	10.0	04/16/2025	ND					

Surrogate: 1-Chlorooctane 81.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 74.4 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/15/2025	Sampling Date:	04/15/2025
Reported:	04/22/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Alyssa Parras
Project Location:	LEA CO., NM		

Sample ID: DF-7 (4.5') (H252268-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/17/2025	ND	2.22	111	2.00	0.461	
Toluene*	<0.050	0.050	04/17/2025	ND	2.26	113	2.00	2.53	
Ethylbenzene*	<0.050	0.050	04/17/2025	ND	2.36	118	2.00	2.98	
Total Xylenes*	<0.150	0.150	04/17/2025	ND	7.10	118	6.00	3.77	
Total BTEX	<0.300	0.300	04/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4640	16.0	04/16/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/16/2025	ND	186	92.9	200	3.47	
DRO >C10-C28*	<10.0	10.0	04/16/2025	ND	183	91.3	200	3.10	
EXT DRO >C28-C36	<10.0	10.0	04/16/2025	ND					

Surrogate: 1-Chlorooctane 84.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 76.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/15/2025	Sampling Date:	04/15/2025
Reported:	04/22/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Alyssa Parras
Project Location:	LEA CO., NM		

Sample ID: DF-8 (4.5') (H252268-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/17/2025	ND	2.22	111	2.00	0.461	
Toluene*	<0.050	0.050	04/17/2025	ND	2.26	113	2.00	2.53	
Ethylbenzene*	<0.050	0.050	04/17/2025	ND	2.36	118	2.00	2.98	
Total Xylenes*	<0.150	0.150	04/17/2025	ND	7.10	118	6.00	3.77	
Total BTEX	<0.300	0.300	04/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3920	16.0	04/16/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/16/2025	ND	186	92.9	200	3.47	
DRO >C10-C28*	<10.0	10.0	04/16/2025	ND	183	91.3	200	3.10	
EXT DRO >C28-C36	<10.0	10.0	04/16/2025	ND					

Surrogate: 1-Chlorooctane 75.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 68.9 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/15/2025	Sampling Date:	04/15/2025
Reported:	04/22/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Alyssa Parras
Project Location:	LEA CO., NM		

Sample ID: DF-9 (4.5') (H252268-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/17/2025	ND	2.22	111	2.00	0.461	
Toluene*	<0.050	0.050	04/17/2025	ND	2.26	113	2.00	2.53	
Ethylbenzene*	<0.050	0.050	04/17/2025	ND	2.36	118	2.00	2.98	
Total Xylenes*	<0.150	0.150	04/17/2025	ND	7.10	118	6.00	3.77	
Total BTEX	<0.300	0.300	04/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2880	16.0	04/16/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/16/2025	ND	186	92.9	200	3.47	
DRO >C10-C28*	<10.0	10.0	04/16/2025	ND	183	91.3	200	3.10	
EXT DRO >C28-C36	<10.0	10.0	04/16/2025	ND					

Surrogate: 1-Chlorooctane 77.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 70.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/15/2025	Sampling Date:	04/15/2025
Reported:	04/22/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Alyssa Parras
Project Location:	LEA CO., NM		

Sample ID: DF-10 (4.5') (H252268-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/17/2025	ND	2.22	111	2.00	0.461	
Toluene*	<0.050	0.050	04/17/2025	ND	2.26	113	2.00	2.53	
Ethylbenzene*	<0.050	0.050	04/17/2025	ND	2.36	118	2.00	2.98	
Total Xylenes*	<0.150	0.150	04/17/2025	ND	7.10	118	6.00	3.77	
Total BTEX	<0.300	0.300	04/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3840	16.0	04/16/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/16/2025	ND	186	92.9	200	3.47	
DRO >C10-C28*	<10.0	10.0	04/16/2025	ND	183	91.3	200	3.10	
EXT DRO >C28-C36	<10.0	10.0	04/16/2025	ND					

Surrogate: 1-Chlorooctane 83.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 75.9 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/15/2025	Sampling Date:	04/15/2025
Reported:	04/22/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Alyssa Parras
Project Location:	LEA CO., NM		

Sample ID: DF-11 (4.5') (H252268-11)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/17/2025	ND	2.22	111	2.00	0.461	
Toluene*	<0.050	0.050	04/17/2025	ND	2.26	113	2.00	2.53	
Ethylbenzene*	<0.050	0.050	04/17/2025	ND	2.36	118	2.00	2.98	
Total Xylenes*	<0.150	0.150	04/17/2025	ND	7.10	118	6.00	3.77	
Total BTEX	<0.300	0.300	04/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7360	16.0	04/16/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/16/2025	ND	186	92.9	200	3.47	
DRO >C10-C28*	<10.0	10.0	04/16/2025	ND	183	91.3	200	3.10	
EXT DRO >C28-C36	<10.0	10.0	04/16/2025	ND					

Surrogate: 1-Chlorooctane 77.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 70.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/15/2025	Sampling Date:	04/15/2025
Reported:	04/22/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Alyssa Parras
Project Location:	LEA CO., NM		

Sample ID: DF-12 (4.5') (H252268-12)

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/17/2025	ND	2.22	111	2.00	0.461	
Toluene*	<0.050	0.050	04/17/2025	ND	2.26	113	2.00	2.53	
Ethylbenzene*	<0.050	0.050	04/17/2025	ND	2.36	118	2.00	2.98	
Total Xylenes*	<0.150	0.150	04/17/2025	ND	7.10	118	6.00	3.77	
Total BTEX	<0.300	0.300	04/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 136 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4560	16.0	04/16/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/16/2025	ND	186	92.9	200	3.47	
DRO >C10-C28*	142	10.0	04/16/2025	ND	183	91.3	200	3.10	
EXT DRO >C28-C36	22.4	10.0	04/16/2025	ND					

Surrogate: 1-Chlorooctane 86.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.7 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/15/2025	Sampling Date:	04/15/2025
Reported:	04/22/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Alyssa Parras
Project Location:	LEA CO., NM		

Sample ID: DF-13 (4.5') (H252268-13)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/17/2025	ND	2.22	111	2.00	0.461	
Toluene*	<0.050	0.050	04/17/2025	ND	2.26	113	2.00	2.53	
Ethylbenzene*	<0.050	0.050	04/17/2025	ND	2.36	118	2.00	2.98	
Total Xylenes*	<0.150	0.150	04/17/2025	ND	7.10	118	6.00	3.77	
Total BTEX	<0.300	0.300	04/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3920	16.0	04/16/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/16/2025	ND	186	92.9	200	3.47	
DRO >C10-C28*	<10.0	10.0	04/16/2025	ND	183	91.3	200	3.10	
EXT DRO >C28-C36	<10.0	10.0	04/16/2025	ND					

Surrogate: 1-Chlorooctane 82.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 76.0 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/15/2025	Sampling Date:	04/15/2025
Reported:	04/22/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Alyssa Parras
Project Location:	LEA CO., NM		

Sample ID: DF-14 (4.5') (H252268-14)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/17/2025	ND	2.06	103	2.00	0.0998	
Toluene*	<0.050	0.050	04/17/2025	ND	2.09	105	2.00	0.477	
Ethylbenzene*	<0.050	0.050	04/17/2025	ND	2.06	103	2.00	0.274	
Total Xylenes*	<0.150	0.150	04/17/2025	ND	6.11	102	6.00	0.0171	
Total BTEX	<0.300	0.300	04/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3680	16.0	04/16/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/16/2025	ND	188	94.0	200	2.62	
DRO >C10-C28*	<10.0	10.0	04/16/2025	ND	185	92.7	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	04/16/2025	ND					

Surrogate: 1-Chlorooctane 88.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 88.9 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: 1852208

Project Manager:	Ashton Thielke	Bill To: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 West Wall Ste. 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-8988	Email:	ThielkeA@Carmonaresources.com

Page 1 of 2

Work Order Comments

Program: UST/PST PRP Brownfields RRC Superfund

State of Project:

Reporting Level: Level II Level III PST/UST RRP Level IV

Deliverables: EDD ADAPT Other:

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters		ANALYSIS REQUEST	Preservative Codes
							BTEX 80:1B	TPH 8015M (GRO + DRO + MRO)		
1 DF-1 (4.5')	4/15/2025		X		Comp	1	X	X		None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
2 DF-2 (4.5')	4/15/2025		X		Comp	1	X	X		
3 DF-3 (4.5')	4/15/2025		X		Comp	1	X	X		
4 DF-4 (4.5')	4/15/2025		X		Comp	1	X	X		
5 DF-5 (4.5')	4/15/2025		X		Comp	1	X	X		
6 DF-6 (4.5')	4/15/2025		X		Comp	1	X	X		
7 DF-7 (4.5')	4/15/2025		X		Comp	1	X	X		
8 DF-8 (4.5')	4/15/2025		X		Comp	1	X	X		
9 DF-9 (4.5')	4/15/2025		X		Comp	1	X	X		
10 DF-10 (4.5')	4/15/2025		X		Comp	1	X	X		

Please send results to cmohring@carmonaresources.com and mcarmona@carmonaresources.com

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>gdc</i>	<i>apavon</i>	4-15-25/10:2			2
					4
					6

Chain of Custody

Work Order No: 14522028

Project Manager:	Ashton Thielke	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 West Wall Ste. 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-8988	Email:	ThielkeA@Carmonaresources.com

Page 1 of 2

Work Order Comments

Program: UST/PST PRP Brownfields RRC Superfund

State of Project:

Reporting Level: Level II Level III PST/UST RRP Level IV

Deliverables: EDD ADAPT Other:

Project Name:	Salado Draw 19 CTB and CS	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	
Project Number:	2662	Due Date:	Normal		
Project Location:	Lea Co. NM	TAT starts the day received by the lab, if received by 4:30pm			
Sampler's Name:	KR	Wet Ice:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
PO #:		Thermometer ID:	#140		
SAMPLE RECEIPT		Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	4.7
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	5.0
Total Containers:		Corrected Temperature:			

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters			Sample Comments
							BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	
11 DF-11 (4.5')	4/15/2025		X		Comp	1	X	X	X	
12 DF-12 (4.5')	4/15/2025		X		Comp	1	X	X	X	
13 DF-13 (4.5')	4/15/2025		X		Comp	1	X	X	X	
14 DF-14 (4.5')	4/15/2025		X		Comp	1	X	X	X	

Please send results to cmohring@carmonaresources.com and mcarmona@carmonaresources.com

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>g ardia</i>	<i>ADavis</i>	4/15/2025 10:02			2
					4
					6



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

April 17, 2025

ASHTON THIELKE
CARMONA RESOURCES
310 W WALL ST, SUITE 500
MIDLAND, TX 79701

RE: SALADO DRAW 19 CTB AND CS

Enclosed are the results of analyses for samples received by the laboratory on 04/15/25 16:02.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	04/15/2025	Sampling Date:	04/11/2025
Reported:	04/17/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 19 CTB AND CS	Sampling Condition:	Cool & Intact
Project Number:	2662	Sample Received By:	Alyssa Parras
Project Location:	LEA CO., NM		

Sample ID: BACKFILL SAMPLE (H252259-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/16/2025	ND	2.17	109	2.00	4.29	
Toluene*	<0.050	0.050	04/16/2025	ND	2.21	111	2.00	4.20	
Ethylbenzene*	<0.050	0.050	04/16/2025	ND	2.18	109	2.00	4.14	
Total Xylenes*	<0.150	0.150	04/16/2025	ND	6.40	107	6.00	3.99	
Total BTEX	<0.300	0.300	04/16/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/16/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/16/2025	ND	171	85.3	200	2.51	
DRO >C10-C28*	<10.0	10.0	04/16/2025	ND	171	85.7	200	3.28	
EXT DRO >C28-C36	<10.0	10.0	04/16/2025	ND					

Surrogate: 1-Chlorooctane 85.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.6 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

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

QUESTIONS

Action 461244

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 461244
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2504520395
Incident Name	NAPP2504520395 SALADO DRAW 19 CTB AND CS @ 0
Incident Type	Produced Water Release
Incident Status	Deferral Request Received
Incident Facility	[fAPP2131334794] Salado Draw 19 CTB and CS

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	Salado Draw 19 CTB and CS
Date Release Discovered	02/13/2025
Surface Owner	Federal

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

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Other (Specify) Produced Water Released: 48 BBL Recovered: 0 BBL Lost: 48 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Water Corridor Line

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QUESTIONS, Page 2

Action 461244

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 461244
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com Date: 05/13/2025
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Phone: (505) 476-3441

General Information
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QUESTIONS, Page 3

Action 461244

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 461244
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Site Characterization

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	Direct Measurement
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 300 and 500 (ft.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Between 300 and 500 (ft.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	7360
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	3650
GRO+DRO (EPA SW-846 Method 8015M)	3650
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	04/07/2025
On what date will (or did) the final sampling or liner inspection occur	04/10/2025
On what date will (or was) the remediation complete(d)	04/18/2025
What is the estimated surface area (in square feet) that will be reclaimed	6168
What is the estimated volume (in cubic yards) that will be reclaimed	48
What is the estimated surface area (in square feet) that will be remediated	5880
What is the estimated volume (in cubic yards) that will be remediated	750

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 461244

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 461244
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Remediation Plan (continued)

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	Not answered.
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Yes
In which state is the disposal taking place	Texas
What is the name of the out-of-state facility	Milestone, Orla
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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

I hereby agree and sign off to the above statement	Name: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com Date: 05/13/2025
--	---

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 461244

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 461244
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Deferral Requests Only	
<i>Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction	Yes
Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction	Due to safety concerns surrounding pipeline riser structural supports, a 1'-2' buffer zone will be deferred per NMAC 19.15.29.12.C.2. Removing soil within that buffer zone could potentially cause structural instability and might result in additional releases in the future, as backfill material can shift and settle over time. Additionally, a major facility deconstruction of the buried pipelines and riser would have to take place to remove the small area of impact remaining in place. The deferred areas are defined by the following composite deferral sidewall samples: DF-1 through DF-14.
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	288
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	48
<i>Per Paragraph (2) of Subsection C of 19.15.29.12 NMAC if contamination is located in areas immediately under or around production equipment such as production tanks, wellheads and pipelines where remediation could cause a major facility deconstruction, the remediation, restoration and reclamation may be deferred with division written approval until the equipment is removed during other operations, or when the well or facility is plugged or abandoned, whichever comes first.</i>	
Enter the facility ID (f#) on which this deferral should be granted	Salado Draw 19 CTB and CS [fAPP2131334794]
Enter the well API (30-) on which this deferral should be granted	Not answered.
Contamination does not cause an imminent risk to human health, the environment, or groundwater	True
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com Date: 05/13/2025

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Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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Action 461244

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 461244
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	451234
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/09/2025
What was the (estimated) number of samples that were to be gathered	60
What was the sampling surface area in square feet	9830

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	No

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CONDITIONS

Action 461244

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 461244
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	Deferral approved. Deferral of DF-1 through DF-14 is approved until plugging and abandonment or a major facility deconstruction, whichever comes first. A complete and accurate remediation report and/or reclamation report will need to be submitted at that time.	5/14/2025