

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

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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 thirtyfive (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-ofcustody 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

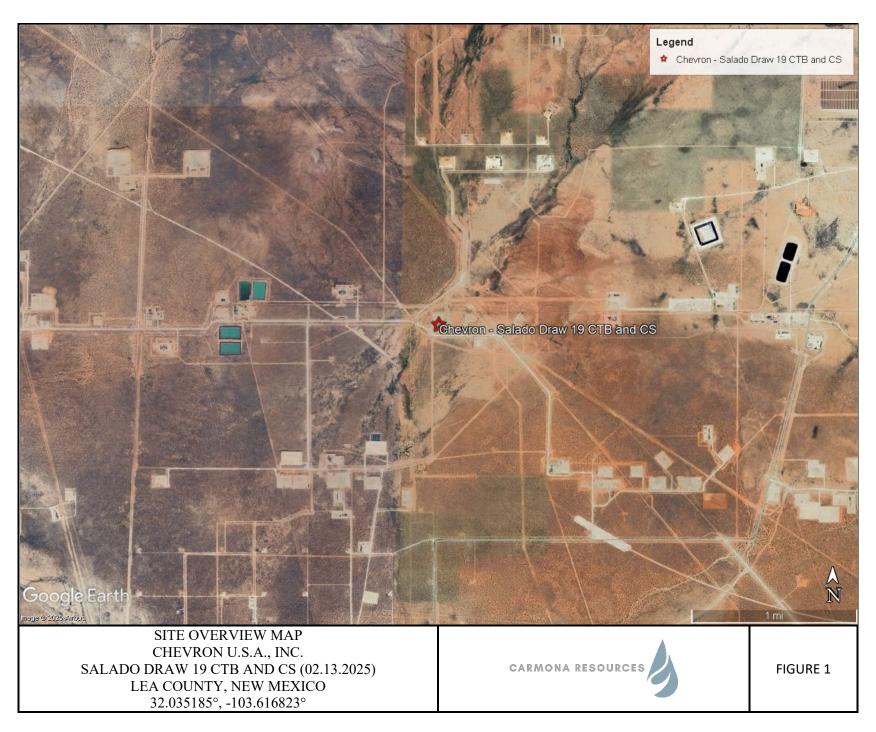
Environmental Manager

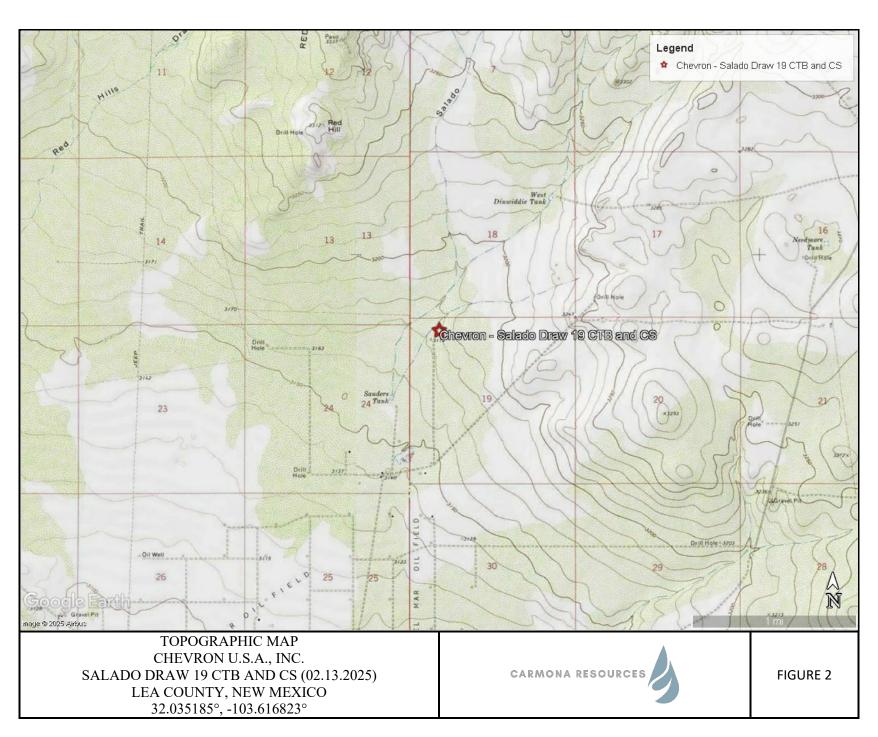
Gilbert Priego Project Manager

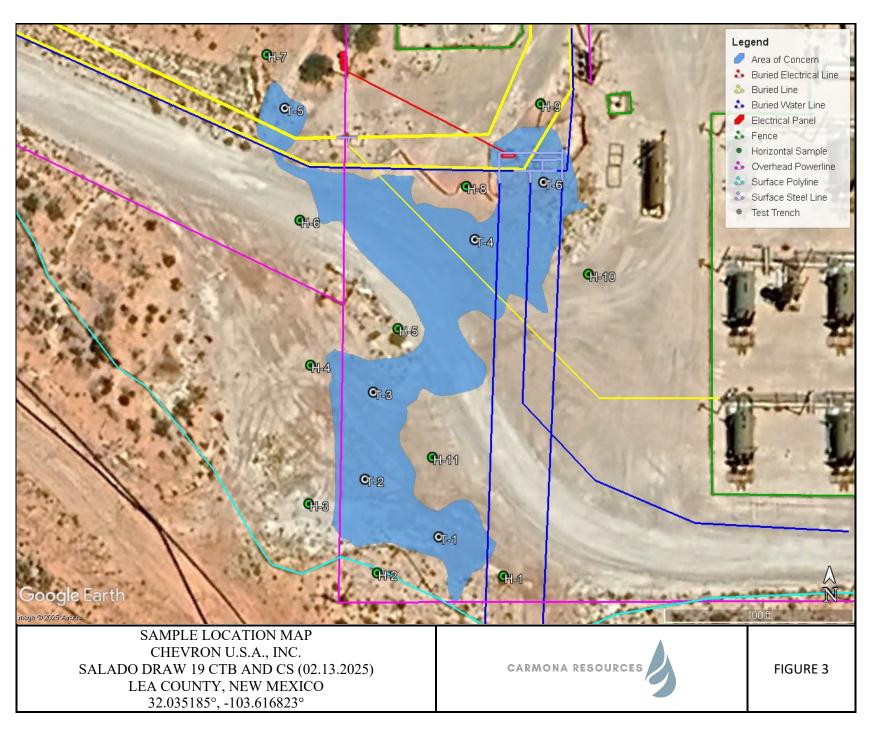
Riley Plogger Project Manager

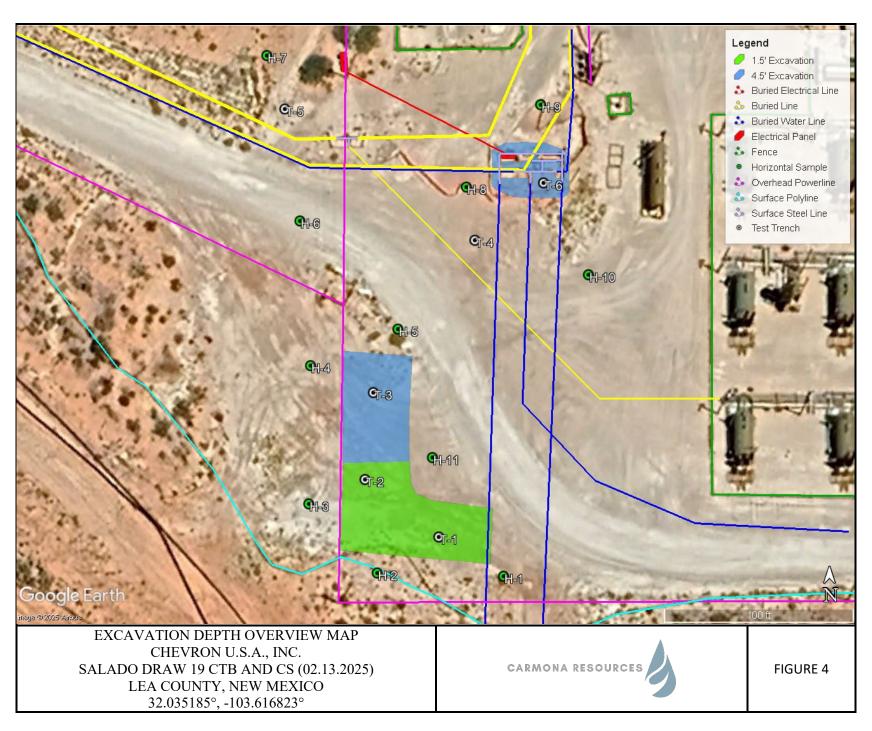
FIGURES

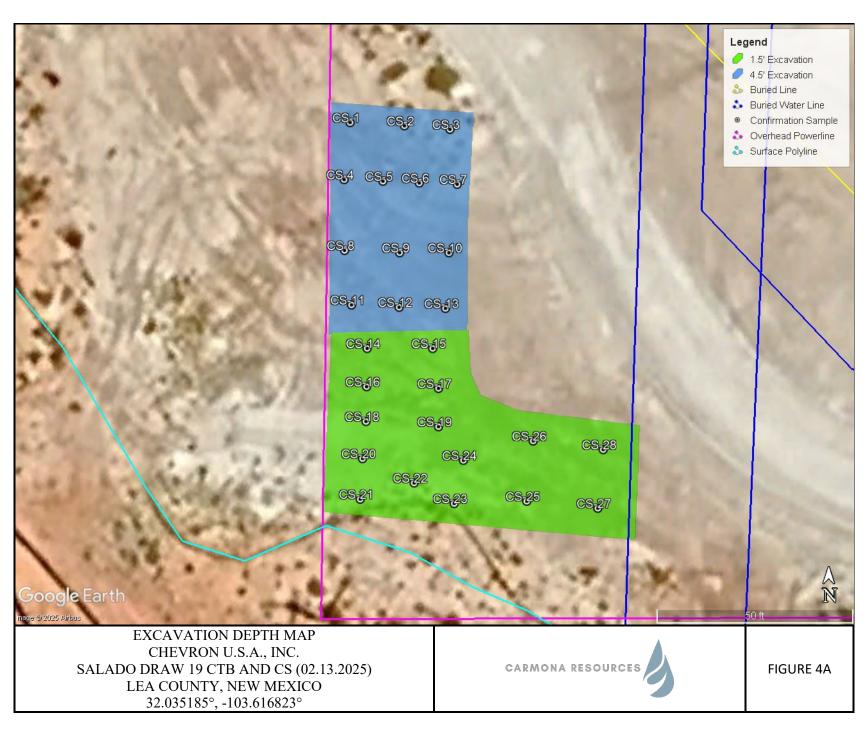
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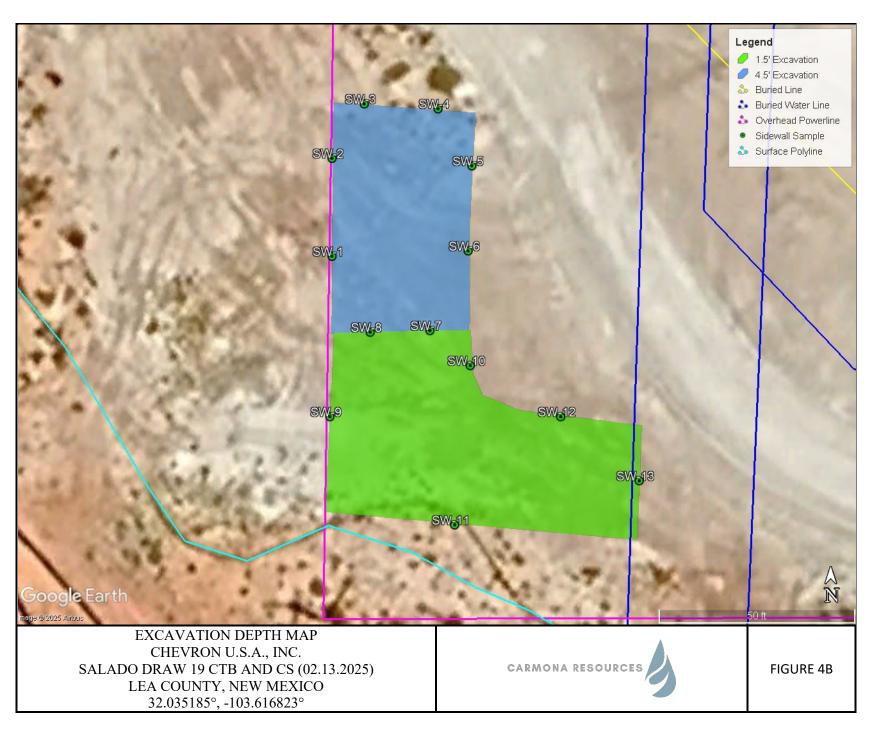


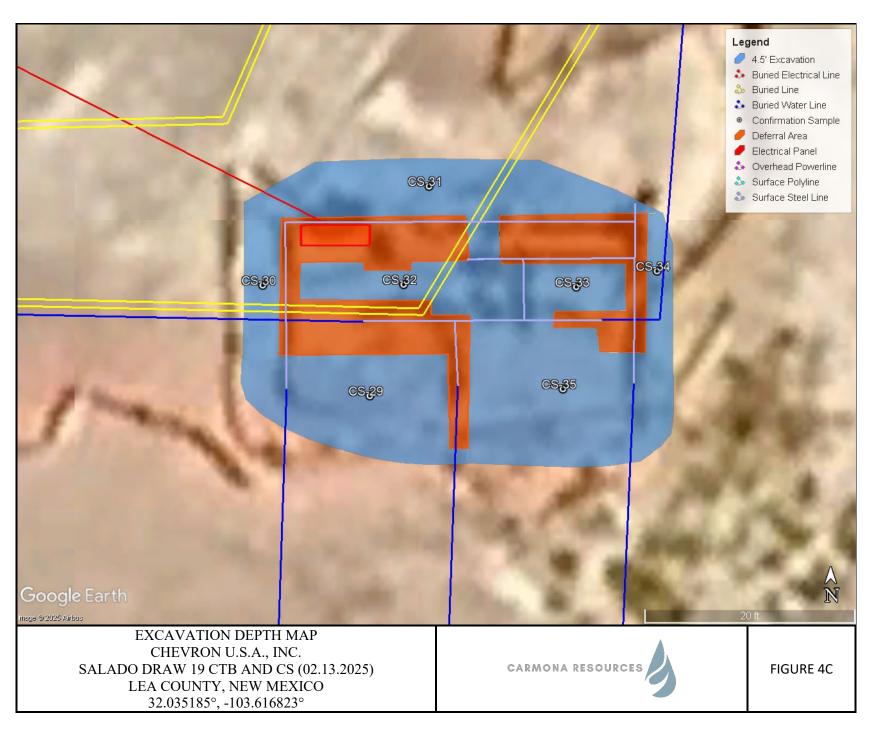


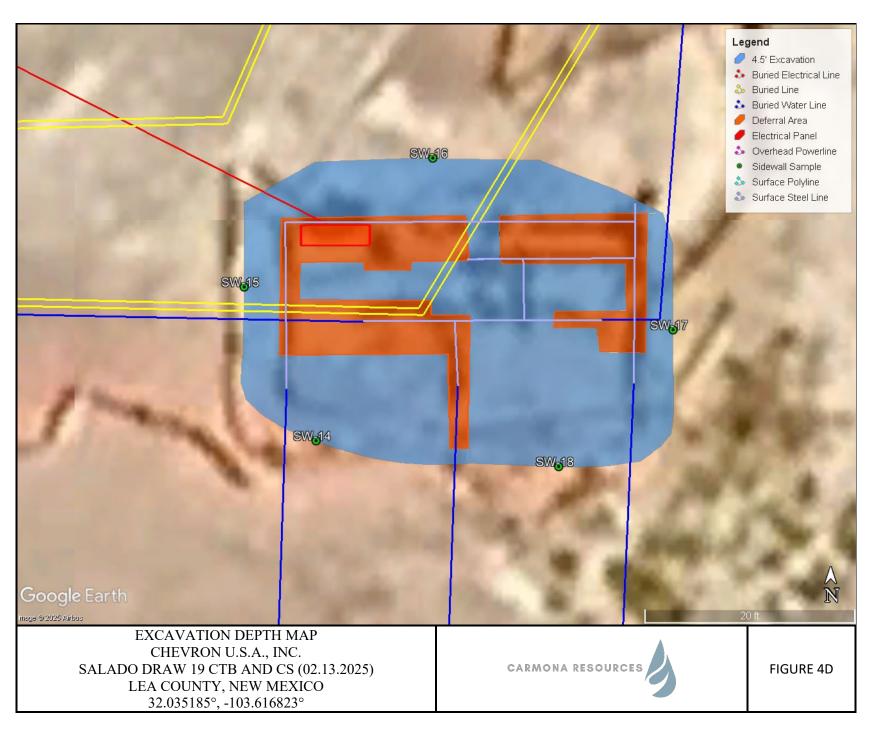


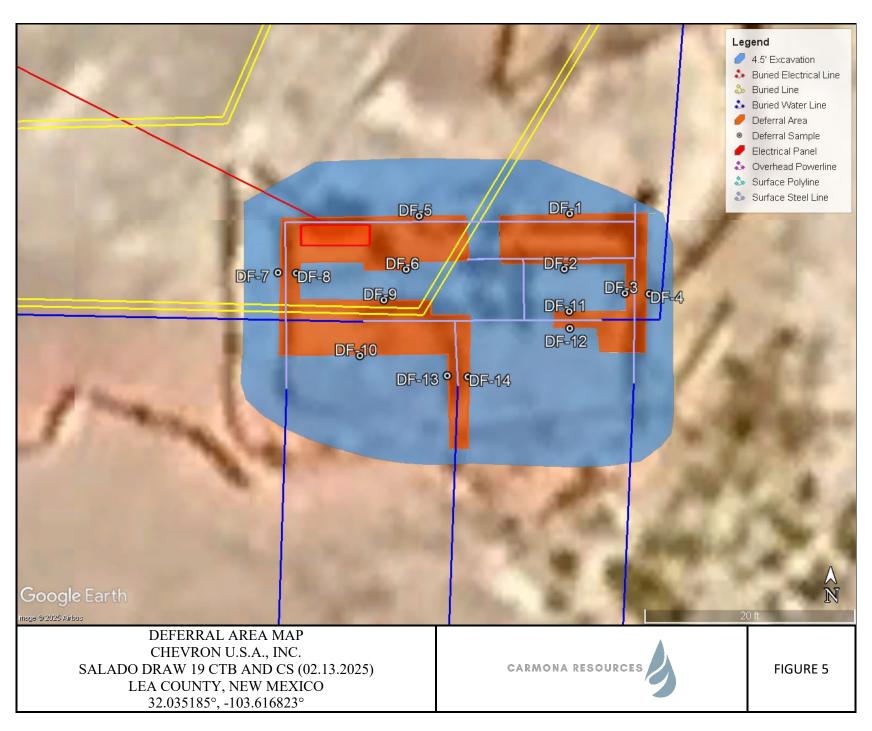












APPENDIX A

CARMONA RESOURCES

Table 1
Chevron U.S.A., Inc.
Salado Draw 19 CTB and CS (02.13.2025)
Lea County, New Mexico

OI- ID	D. f.	D - 114 (54)		ТРН	(mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	Chloride (mg/kg)
	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
T-1	"	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
	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
T-2	"	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
	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
T-3	"	2.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	109
1-3	"	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
	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
T-4	"	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
	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
T-5	"	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
	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
T-6	"	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
Regulator	ry 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

0 1 15	Date Danth (ft)			TPH	(mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	BTEX (mg/kg)	(mg/kg)
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
Н-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
	ry 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

(H) Horizontal Point

Table 2 Chevron U.S.A., Inc. Salado Draw 19 CTB and CS (02.13.2025) Lea County, New Mexico

Comple ID	Doto	Donath (St)		TPH	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chlarida (man/len)
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	Chloride (mg/kg)
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
	ry 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

Ourselle ID	Ditt	D (1) (50)		TP⊦	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	Chloride (mg/kg)
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
	ry 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

Occupate ID	Duti	D (1- (50)		ТРН	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	Chloride (mg/kg)
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
	ry 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
(SW) Sidewall Sample

Table 3
Chevron U.S.A., Inc.
Salado Draw 19 CTB and CS (02.13.2025)
Lea County, New Mexico

Commis ID	Dete	Danish (f4)		TPH	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chlavida (man/lan)
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	Chloride (mg/kg)
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
	ry 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

(DF) Deferral Sample

Deferral Area

APPENDIX B

CARMONA RESOURCES

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'



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'



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



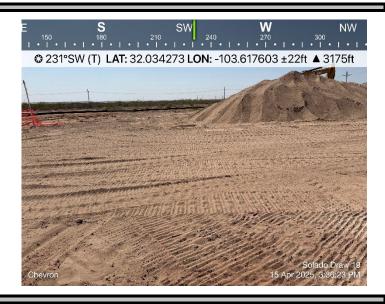
Photograph No. 9

Facility: Salado Draw 19 CTB and CS

County: Lea County, New Mexico

Description:

View Southwest, Backfill area of T-1 and 3



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



Chevron U.S.A., Inc.

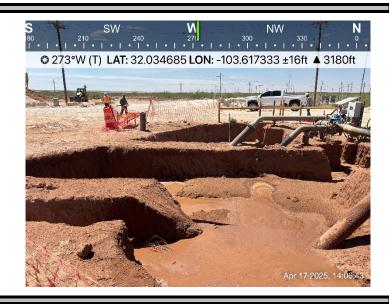
Photograph No. 13

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



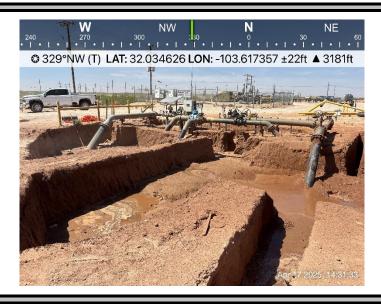
Photograph No. 15

Facility: Salado Draw 19 CTB and CS

County: Lea County, New Mexico

Description:

View Northwest, Hydrovac area around riser



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



Chevron U.S.A., Inc.

Photograph No. 19

Facility: Salado Draw 19 CTB and CS

County: Lea County, New Mexico

Description:

View Easr, Hydrovac area around riser



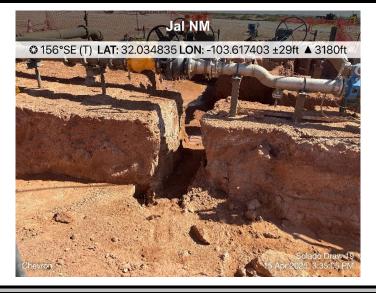
Photograph No. 20

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



Chevron U.S.A., Inc.

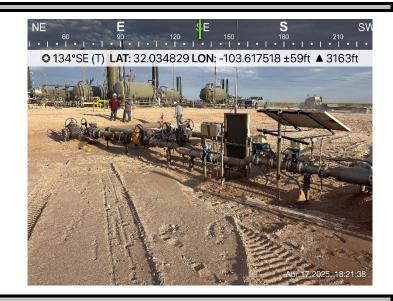
Photograph No. 22

Facility: Salado Draw 19 CTB and CS

County: Lea County, New Mexico

Description:

View Southeast, Backfilled area around riser



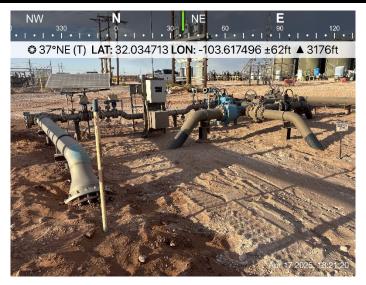
Photograph No. 23

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

QUESTIONS

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 fo	r 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 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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Phone: (505) 629-6116
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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 432075

QUESTIONS (continued)

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

QUESTIONS

No, according to supplied volumes this does not appear to be a "gas only" report.
Yes
From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more. e. gas only) are to be submitted on the C-129 form.

Initial Response				
he 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	Not answered.			
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	Not answered.			
All free liquids and recoverable materials have been removed and managed appropriately	Not answered.			
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 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

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

ACKNOWLEDGMENTS

$\overline{\lor}$	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
V	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
V	I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
14	I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment.
V	I acknowledge the fact that the acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment.
V	I acknowledge the fact that, in addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

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

CONDITIONS

Action 432075

CONDITIONS

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

CONDITIONS

Created By	Condition	Condition Date
brane	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	

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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 432076

QUESTIONS

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	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

ncident 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	

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.	
s 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	

General Information Phone: (505) 629-6116

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

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

QUESTIONS, Page 2

Action 432076

QUESTIONS ((continued)
QUEU IIOI10	com in inca,

QUESTI	ONS (continued)
Operator:	OGRID: 4323
CHEVRON U S A INC 6301 Deauville Blvd	Action Number:
Midland, TX 79706	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.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	e. gas only) are to be submitted on the C-129 form.
L W 10	
Initial Response	
The responsible party must undertake the following actions immediately unless they could create a s	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releate OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Bayley Ranes Title: Environmental Specialist Email: Bayleyranes@chevron.com Date: 02/14/2025

General Information Phone: (505) 629-6116

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

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

QUESTIONS, Page 3

Action 432076

QUESTIONS (continued)

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	432076
A	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 What is the shallowest depth to groundwater beneath the area affected by the Not answered. release in feet below ground surface (ft bgs) What method was used to determine the depth to ground water Not answered. Did this release impact groundwater or surface water Not answered What is the minimum distance, between the closest lateral extents of the release and the following surface areas: A continuously flowing watercourse or any other significant watercourse Not answered Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) Not answered. An occupied permanent residence, school, hospital, institution, or church Not answered. A spring or a private domestic fresh water well used by less than five households Not answered. for domestic or stock watering purposes Any other fresh water well or spring Not answered. Incorporated municipal boundaries or a defined municipal fresh water well field Not answered. Not answered. A subsurface mine Not answered. An (non-karst) unstable area Not answered. Categorize the risk of this well / site being in a karst geology A 100-year floodplain Not answered. Did the release impact areas not on an exploration, development, production, or Not answered. storage site

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

General Information Phone: (505) 629-6116

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

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

CONDITIONS

Action 432076

CONDITIONS

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

CONDITIONS

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

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 451234

Ql	JESTIONS							
Operator: CHEVRON U S A INC		OGRID: 4323						
6301 Deauville Blvd Midland, TX 79706		Action Number: 451234						
		Action Type: [NOTIFY] Notification Of Sampling (C-141N)						
QUESTIONS								
Prerequisites								
Incident ID (n#)	nAPP2504520395							
Incident Name	NAPP2504520395 SAL	ADO DRAW 19 CTB AND CS @ 0						
Incident Type	Produced Water Rele	ase						
Incident Status	Initial C-141 Approved							
Incident Facility	[fAPP2131334794] Sa	lado Draw 19 CTB and CS						
Location of Release Source								
Site Name	Salado Draw 19 CTB a	and CS						
Date Release Discovered	02/13/2025							
Surface Owner	Federal							
Sampling Event General Information								
Please answer all the questions in this group.								
What is the sampling surface area in square feet	9,830							
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							
Warning: Notification can not be less than two business days prior to conducting final sampling	g.							
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		44, -103.617222) Carmona Resources will be onsite to conduct of this recent release starting on 04.09.2025 and continuing until						

General Information Phone: (505) 629-6116

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

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

CONDITIONS

Action 451234

CONDITIONS

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	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 < Thielke A@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 < rpack@rmonsite.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

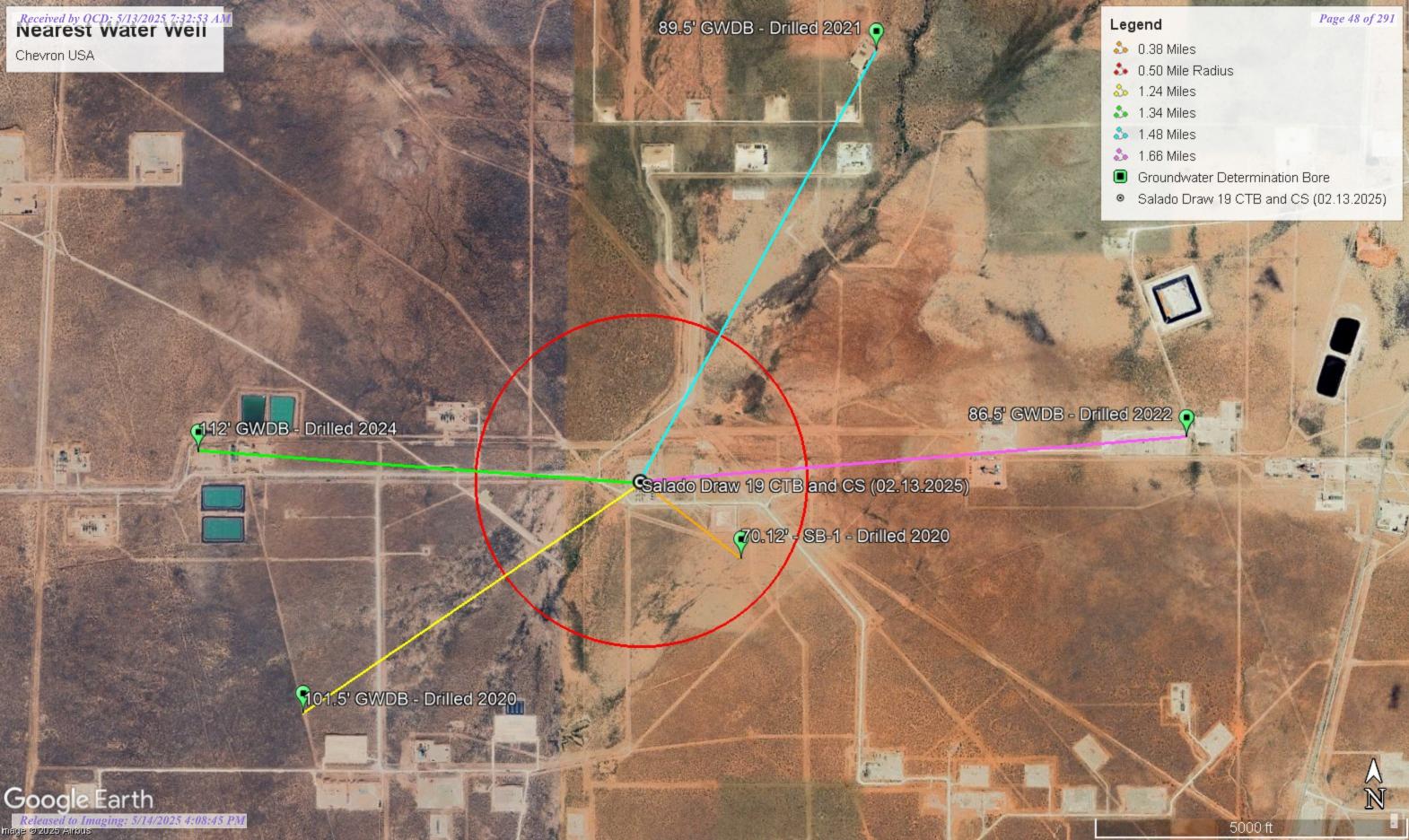
M: 432-813-8988 C: 281-753-5659
ThielkeA@carmonaresources.com
Environmental Consulting Firm - Carmona Resources

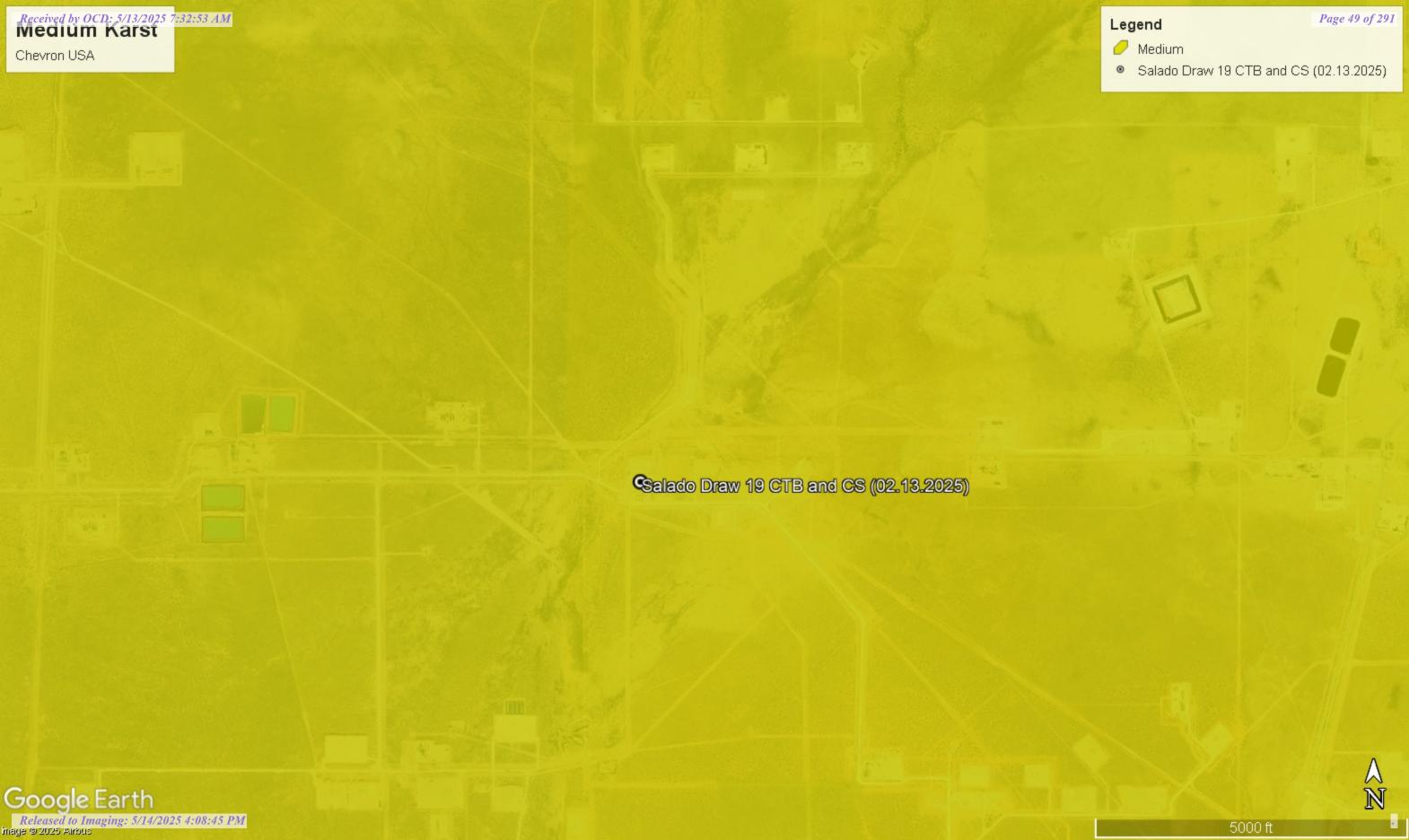




APPENDIX D

CARMONA RESOURCES







New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are smallest to largest)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Мар	Distance	Well Depth	_	Water Column
C 04880 POD1		CUB	LE	SW	SE	SE	14	26S	32E	628447.5	3545287.3		2159	112		
<u>C 04547 POD1</u>		CUB	LE	NE	SE	SE	07	26S	33E	631685.9	3547262.2		2353	112		
<u>C 04485 POD1</u>		CUB	LE	SE	NW	NW	12	26S	32E	629038.9	3548125.2	•	3342	55		
<u>C 02273</u>		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

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.

^{*} UTM location was derived from PLSS - see Help

					BORING	RECORD									
		Start: 12	:20 MDT	·	N O	PID READING				s	AMF	PLE	REMAR	KS	
GEOLOGIC	DEPTH	Finish: 15	5:40		DESCRIPTION USCS	GRAPHIC LOG	PPM	Χ_	1		_	SING	Ϋ́	BACKGRO	
UNIT		DESC	CRIPTION LI	THOLOGIC	SCF	APH	2 4 6	8 1	0 12 1	4 16 ²	NUMBER	PID READING	RECOVERY	PID REAL	JING PPM
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	10	Dry	-/4	D = -1 -1' - 1-		\Box									
]		5/4, Light F Below 4 ft		0 11 1										=
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Agrson & Ssociates, In	nc.		DRILL DATE : 04-09	-2020		NUMBER : 5-01				NTR.				<u>Scarborou</u> v	ıgn
Environmental Consulta	SSOCIATES, Inc. Environmental Consultants O4-09-2020 SB-01 DRILLING METHOD: Air Rotary														



Figure 3 - Aerial Map Showing Boring Location

					В	ORING	RECORD										
		Start: 10):35 MDT			Z O	90	Р	PID F	READ	ING		SA	MP	LE		REMARKS
GEOLOGIC UNIT	DEPTH	Finish: 1:	5:15 CRIPTION LI	THOLOGIC	;	DESCRIPTION USCS	GRAPHIC LOG	PPM		10 12	14 16	18	NUMBER	PID READING	8	H.	BACKGROUND PID READING
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	10 —		2.5YR 8/3 nined, Poo		• 1										,	10	= - - -
	15				ı	Caliche										15	
	20														2	20	
	25 — - - 30 —	Brown, F Sand wit	nd, 5YR 5/ Fine Grain th Caliche), Poorly S	ed Quart: Clasts		ML							3			30	
	35 —	Caliche, Fine Gra	2.5YR 8/3 ained, Poo pangular C	3, Pink, V	۱ ً I	Caliche									3	35	- - - - - - -
	40 —	Reddish Grained Sorted w	nd, 5YR 6/ Brown, Vo Quartz Sa vith Suban	ery Fine and, Poor									4			39 40 45	
	50 —	Clasts (~	~10mm)			ML									4,	50	- - - - -
	55 —															60	
	=																_
		JOUS AUGER S		1		LE (TIME	OF BORING) OCATION			MBE IAME		₹:			2"		-0180-01 v 24 CTB
UN	DISTURBE	SAMPLE					NS/ SQ. FT)			ON :		32	.02	<u> 5058</u>	<u>33°,</u>	<u>, -1</u>	03.6342389°
Agrson & Ssociates, In		E (24 HRS)	DRILL DATE: 04-14	NR NO F	RECOVE	BORING I	NUMBER : -01	DRIL	LLIN	DLOG IG CO IG MI	ТИС	RAC	TC	R :_		S	carborough

				E	BORING	RECORD									
		Start: 10	:35 MDT		NO	90	Р	ID RI	EADI	NG	S	AMF	PLE	REMARKS	
GEOLOGIC	DEPTH	Finish: 1	5:15		DESCRIPTION USCS	GRAPHIC LOG	PPM	Χ_				NG.	Σ	BACKGROUNI	
UNIT	טבו ווו	DESC	RIPTION LI	THOLOGIC	SCR	APH	2 4 6	8 10) 12 1	4 16		PID READING	RECOVERY DEPTH	PID READING	j DDM
	0.5	DLO	7111 11011 21	111020010	Ö	GR/									PPM
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	_			ained, Poorly											-
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Agrson &	200		DRILL DATE :	2020		NUMBER : -01	DRIL							<u>Scarborough</u>	
Environmental Consulta	arson & ssociates, Inc. Environmental Consultants					-U I	DRIL	LINC	3 ME	THO	D :_	Air F	Rotary		_



								NAME OF TAXABLE PARTY.				
	OSE POD NO	. (WELL NO	.)		WELL TAG ID NO.			OSE FILE NO	O(S).			
1. GENERAL AND WELL LOCATION	Pod 1							C-4880				
4TI	WELL OWNE	ER NAME(S)						PHONE (OP)	IONAL)			
)OC	Chevron U	SA Inc. (Agent-H&R Enterp	orises, LLC/.	James Hawley)							
רנ	WELL OWN	ER MAILING	ADDRESS					CITY		STA	TE	ZIP
EL	PO 3641							Hobbs		NM		
× C												
AN	WELL		DI	EGREES 32	MINUTES 02	SECO:						
AL.	LOCATIO	N LAT	TITUDE	32	02	11	5 N		Y REQUIRED: ONE TE	NTH OF	A SECOND	
ER	(FROM GP	(S)	NGITUDE	103	38	22	2.7 W	* DATUM R	EQUIRED: WGS 84			
EN	DESCRIPTION	ON RELATIN	IG WELL LOCATION TO	STREET ADD	RESS AND COMMON	LANDM	IARKS – PLS	S (SECTION, T	OWNSHIIP, RANGE) W	HERE A	VAILABLE	
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				EMILIO IN THE PROPERTY.								
	LICENSE NO		NAME OF LICENSED	DRILLER					NAME OF WELL D			
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								STATI	C WATER LEVEL		DATE STATIC	MEASURED
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IOI	DRILLING FI	TIID:	✓ AIR	MUD	ADDITIV	FS _ SDE	CIEV:	(11)				
(A)									CUE	V UEDE	IF PITLESS ADA	DTED IC
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7) ?	0'	112'	6"		Casing left in hole		(add coup)	ing diameter)		+-		
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Z			1							-		
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<u>D</u>												
7			-									
	DEPTH	(feet bgl)	BORE HOLE	LIST ANN	ULAR SEAL MATER			PACK SIZE-	AMOUNT			D 05
4	FROM	TO	DIAM. (inches)	*(:5	RANGE BY						METHO PLACEN	2000000
CRI,	TROM	10		*(if using Ce	entralizers for Artesia	in wells- I/A	indicate the	spacing below) (cubic feet)		TEACEN	ILIVI
ATE					1	V/A						
*M												
ANNULAR MATERIAL			+									
INU												
AN												
3.												
FOR	OSE INTER	NAL USE						WR-	20 WELL RECORD	& LO	G (Version 09/2	2/2022)
FILE					POD NO			TPM		22 20	- (. 5151011 07/2	

WELL TAG ID NO.

PAGE 1 OF 2

LOCATION

	DEPTH (4	Coat hall					ESTIMATED
	DEPTH (i	TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTE INCLUDE WATER-BEARING CAVITIES OR FRACTU (attach supplemental sheets to fully describe all to be a complemental sheets to fully describe all to be a complemental sheets.)	JRE ZONES	WATER BEARING? (YES / NO)	YIELD FOR WATER- BEARING ZONES (gpm)
	0'	25'	25'	Red Sand		Y ✓N	
	25'	60'	35'	Reddish Brown Sandy Clay		Y ✓N	
	60"	65"	5'	Pinkish Tan Sandy Clay		Y ✓N	
	65'	70'	5'	Yellow Sandy Clay		y ✓n	
	70'	80'	10'	Reddish Brown Sandy Clay		Y ✓N	
ı	80'	85'	5'	Pinkish Tan Sandy Clay		Y ✓N	
WEL	85'	112'	27'	Dark Red Sandy Clay		Y ✓N	
OF \						Y N	
90'						Y N	
ICI						Y N	
4. HYDROGEOLOGIC LOG OF WELL						Y N	
EO						Y N	
ROG						Y N	
EXP						Y N	
4						Y N	
						Y N	
						Y N	
						Y N	
						Y N	
						Y N	
						Y N	
	METHOD U	SED TO ES	STIMATE YIELD	OF WATER-BEARING STRATA:	TOT	AL ESTIMATED	
	PUMI	Р ПА	IR LIFT	BAILER OTHER – SPECIFY: N/A	WE	LL YIELD (gpm):	0.00
NOI	WELL TES	T TEST STAR	RESULTS - ATT T TIME, END TI	ACH A COPY OF DATA COLLECTED DURING WELL TES ME, AND A TABLE SHOWING DISCHARGE AND DRAWD	STING, INCLUD OOWN OVER TH	ING DISCHARGE I	METHOD, DD.
TEST; RIG SUPERVIS	MISCELLA	NEOUS IN	Wa	ore was gauged for water on 9-27-24, well bore was dry. as backfilled to 10' BGS with drill cuttings, then hydrated rface.	Temporary wel l Bentonite chip	l casing was removes were poured from	ved. Borehole m 10' BGS to
5. TEST	PRINT NAM Nathan Sme		RILL RIG SUPER	VISOR(S) THAT PROVIDED ONSITE SUPERVISION OF W	VELL CONSTRU	ICTION OTHER TH	IAN LICENSEE:
SIGNATURE				IES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THE O DAYS AFTER COMPLETION OF WELL DRILLING:	AND BELIEF, 1 IS WELL RECO	THE FOREGOING I	S A TRUE AND ATE ENGINEER
6. SIGN		SIGNAT	DULLY URE OF DRILLE	James Hawley		9-20-24	
		SIUNAI	URE OF DRILLE	R / PRINT SIGNEE NAME		DATE	
	OSE INTERI	NAL USE		W	/R-20 WELL RE	CORD & LOG (Ver	rsion 09/22/2022)
_	E NO.			POD NO.	RN NO.		
LOC	CATION			WELLTA	G ID NO		PAGE 2 OF 2



OSE OII AUG 2 2021 PM4:44

NO	OSE POD NO POD1 (M	•	0.)		WELL TAG ID NO. 1/a			OSE FILE NO(S).			
OCATI	WELL OWNE BTA Oil P			•				PHONE (OPTIO	ONAL)			
GENERAL AND WELL LOCATION	WELL OWNE 104 S. Pecc		IG ADDRESS					CITY Midland		STATE TX	79701	ZIP
QN.	WELL	T	DI	GREES	MINUTES	SECOND		I				
AL A	LOCATIO	N L	ATITUDE	32	3	14.34	N		REQUIRED: ONE TENT	TH OF A	SECOND	
VER.	(FROM GP	S)	ONGITUDE	103	36	16.96	W	* DATUM REC	QUIRED: WGS 84			
1. GE			ING WELL LOCATION TO T26S R33E	STREET ADDRE	SS AND COMMON	LANDMAR	KS – PLS	S (SECTION, TO	WNSHJIP, RANGE) WH	ERE AV	AILABLE	
	LICENSE NO).	NAME OF LICENSED	DRILLER					NAME OF WELL DRI	LLING C	OMPANY	
	124	19		Ja	ckie D. Atkins				Atkins Eng	ineering	g Associates, I	nc.
	DRILLING S' 07/15/		DRILLING ENDED 07/15/2021		PLETED WELL (F) ry well materia			LE DEPTH (FT) 112	DEPTH WATER FIRS	T ENCO unkno	` ,	
-	COMPLETE	O WELL IS	: ARTESIAN	DRY HOLE	SHALLO	W (UNCONE	TNED)		STATIC WATER LEV	EL IN CO 89.		LL (FT)
LIO	DRILLING FI	LUID:	✓ AIR	MUD	ADDITIV	ES – SPECIF	Y:		<u> </u>	•		
2. DRILLING & CASING INFORMATION	DRILLING M	ETHOD:	ROTARY	HAMMER	CABLE T	oor [OTHE	R – SPECIFY:	Hollo	w Sten	n Auger	
FOF	DEDTU	(feet bgl)	<u> </u>		ATERIAL AND	MOD				I I		<u> </u>
Zi U	FROM	TO	BORE HOLE DIAM	CASING	GRADE	"OK		ASING NECTION	CASING INSIDE DIAM.		ING WALL ICKNESS	SLOT SIZE
SIN			(inches)		ch casing string, ctions of screen)		Т	TYPE ling diameter)	(inches)		(inches)	(inches)
k CA	0	21	±8.5		oring- HSA		uuu voup					
NG	21	112	±3.5	Bori	ng- Air Rotary							
ITT												
DR												
2.				ļ								
	·											
,	DEPTH	(feet bgl)	DOIG HOLL		Γ ANNULAR SE				AMOUNT		метно	
ANNULAR MATERIAL	FROM	ТО	DIAM. (inches)	GRAV	EL PACK SIZE	-RANGE E	Y INTE	ERVAL	(cubic feet)		PLACEN	1EN I
VTE												
¥ W				<u> </u>								
LAF												
DNN												
3. AJ								***				
FOR	OSE INTER	NAL US	E .				-	WR-2	0 WELL RECORD	& LOG	(Version 06/3	0/17)
	NO.	45	47		POD NO).		TRN		7	21	
LOC	ATION 1	105	-33F -0	7 1	-11-2		-	WELL TAG II	DNO AIA		PAGE	1 OF 2

	 					
	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZON (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	0	4	4	Caliche, Consolidated , White	Y √N	
	4	44	40	Sand, Fine-grained, poorly graded, with caliche gravel, Redish Bro		
	44	51	7	Clay, Stiff, Dark Brown,	Y √N	
	51	103	52	Sandstone, Fine-grained, poorly graded, Tan Brown	✓Y N	
					Y N	
4					Y N	
HYDROGEOLOGIC LOG OF WELL					Y N	
OF.					Y N	
00					Y N	
					YN	
Š					Y N	-
GEO					Y N	
8					Y N	
					YN	
4					Y N	<u> </u>
					Y N	
					Y N	1
					Y N	-
					Y N	
					Y N	†
					Y N	
	METHOD U	SED TO ES	TIMATE YIELD	OF WATER-BEARING STRATA:	TOTAL ESTIMATED	
	PUMI) [A	IR LIFT	BAILER OTHER - SPECIFY:	WELL YIELD (gpm):	0.00
SION	WELL TEST	TEST STAR	RESULTS - ATT. I TIME, END TI	ACH A COPY OF DATA COLLECTED DURING WELL TESTING, IN ME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN O	NCLUDING DISCHARGE VER THE TESTING PERI	METHOD, OD.
TEST; RIG SUPERVISI	MISCELLAI	NEOUS INF	ce	mporary well materials removed and the soil boring plugged using nent slurry of <6.0 gallons of water per 94 lbs sack of Portland Tugging Record	ng tremie pipe to total de TYPE I/II Neat Cement.	epth and landed See attached
TEST	PRINT NAM	E(S) OF DE	RILL RIG SUPER	VISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CO	NSTRUCTION OTHER T	HAN LICENSEE
5.1			on Pruitt, Carme			mi biobilobb.
SIGNATURE	AND THE PI	ECORD OF	F THE ABOVE D	IES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BE ESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL DAYS AFTER COMPLETION OF WELL DRILLING:	ELIEF, THE FOREGOING L RECORD WITH THE ST	IS A TRUE AND TATE ENGINEER
6. SIGP	Jack A	tkins		Jackie D. Atkins	07/29/2021	
		SIGNAT	JRE OF DRILLE	R / PRINT SIGNEE NAME	DATE	
	R OSE INTERN	IAL USE	7		ELL RECORD & LOG (V	ersion 06/30/2017)
111	21.00.	$\frac{1}{2}$	22-0	POD NO. TRN NO.		

WELL TAG ID NO. NA

PAGE 2 OF 2

LOCATION (

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

Final Audit Report

Created:

2021-07-29

OSE DIT AUG 2 2021 PM4:44

2021-07-29

By:

Lucas Middleton (lucas@atkinseng.com)

Status:

Signed

Transaction ID:

CBJCHBCAABAA3aQOFUKeCXoHbozKpK1XeoMdl53lwdm

"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'

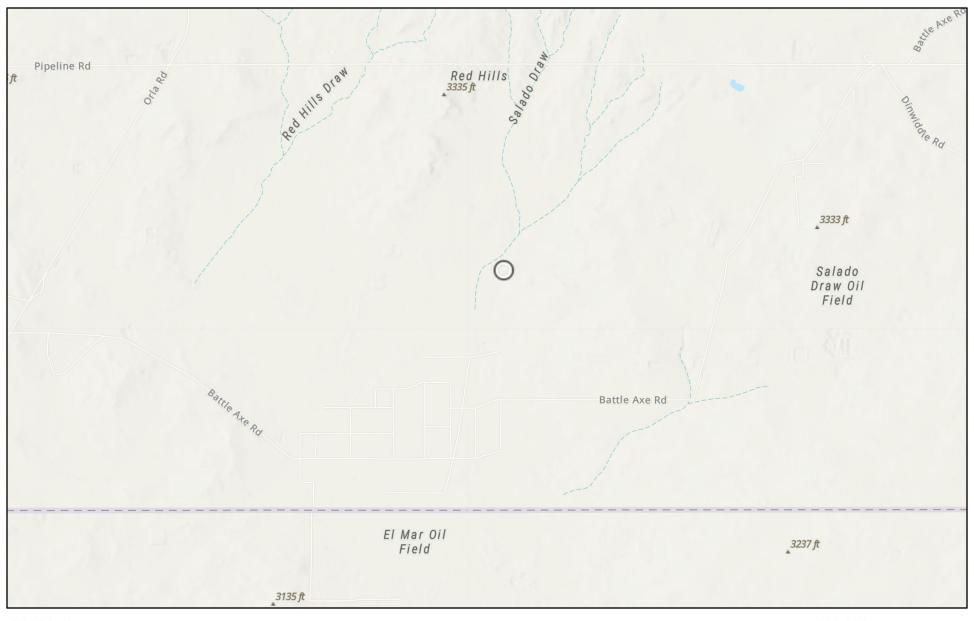
Comments: Soil boring was advanced to a total depth of 106' bgs. Static water was observed within the soil boring at 86.5' after at least 72 hours. On 11/14/2022 the soil boring was plugged and abandoned using hydrated bentonite chips.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
						_ 0 - -	SM	(0-30'), SAND, dry, tan, medium to fine grain, poorly graded with silt, no stain, no odor.
Dry	-	-	N	-	- - -	10		
Dry	-	-	N	-	- - -	20 		COTI calculation at the brown
					_	_		@25' color change to brown.
Dry	-	-	N	-	 	30 -	SW-SM	(30-60'), SAND, dry, brown, medium to fine grain, poorly graded with clay, non-plastic, noncohesive, some subround small
Dry	-	-	N	-	- - -	- _ 40 -		gravel, no stain, no odor.
Dry	-	-	N	-	- - -	- _ 50 -	SW-SC	(60-106'), SAND, dry, reddish brown, medium to fine grain, poorly graded with silt, no stain, no odor.
Dry	-	-	N	-	- - -	- _ 60 -		
Dry	-	-	N	-	- - -	- _ 70		@70' color change to reddish brown, few caliche nodules,
Dry	-	-	N	-	- - -	80 		
Dry	-	-	N	-	- - - -	- _ 90 -		
Dry	-	-	N	-	- - - -	_ 100 -		
Dry	-	-	N	-		- 106	L 0 100	2 for the large

Total Depth @ 106 feet bgs

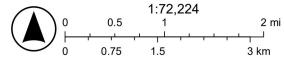
Received by OCD: 5/13/2025 7:32:53 AM

Salado Draw 19 CTB and CS (02.13.2025)

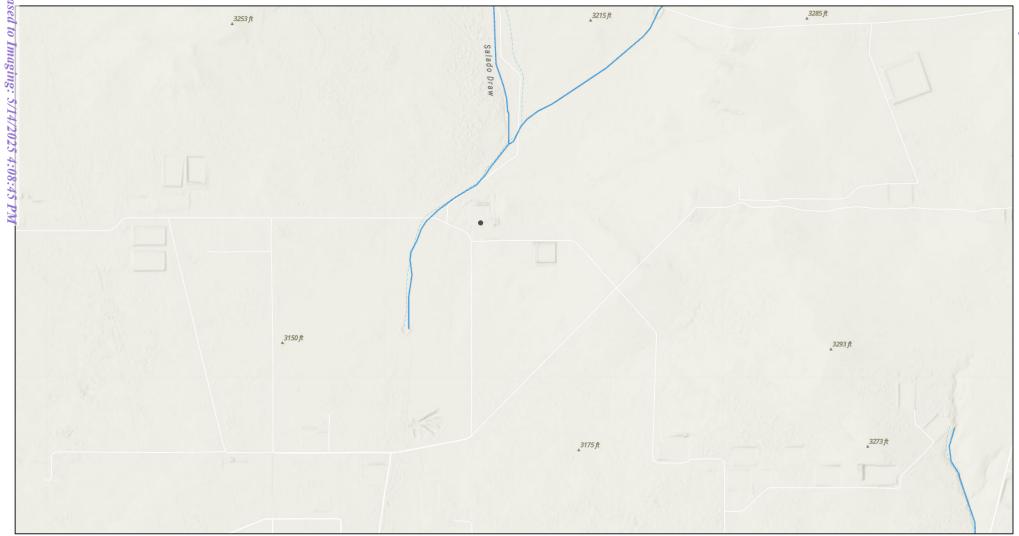


2/14/2025

World Hillshade

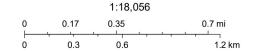


Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, USFWS, Esri,



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

OSE Streams



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

APPENDIX E

CARMONA RESOURCES

Environment Testing

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 <u>Jessica.Kramer@et.eurofinsus.com</u> (432)704-5440 .

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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 Job ID: 880-55391-1 Project/Site: Salado Draw 19 CTB and CS SDG: Lea Co, NM

Qualifiers

GC	VOA
Qua	lifier

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.

Qualifier Description

GC Semi VOA

Qualifier	Qualitier 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

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

Duplicate Error Ratio (normalized absolute difference) DER

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

These commonly used abbreviations may or may not be present in this report.

Decision Level Concentration (Radiochemistry) DLC

EDL Estimated Detection Limit (Dioxin) LOD Limit of Detection (DoD/DOE) Limit of Quantitation (DoD/DOE) LOQ

EPA recommended "Maximum Contaminant Level" MCL MDA Minimum Detectable Activity (Radiochemistry) MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit 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 **Quality Control**

Relative Error Ratio (Radiochemistry) RER

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) Toxicity Equivalent Quotient (Dioxin) TEQ

TNTC Too Numerous To Count

Eurofins Midland

Case Narrative

Client: Carmona Resources Job ID: 880-55391-1

Project: Salado Draw 19 CTB and CS

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 T-6 (1.5') (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

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Case Narrative

Client: Carmona Resources Job ID: 880-55391-1

Project: Salado Draw 19 CTB and CS

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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Client Sample Results

Client: Carmona Resources

Project/Site: Salado Draw 19 CTB and CS

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

Date Collected: 03/06/25 00:00

Date Received: 03/07/25 16:43

SDG: Lea Co, NM

Lab Sample ID: 880-55391-1

Prepared

03/09/25 21:05

03/09/25 21:05 03/13/25 05:57

Analyzed

03/13/25 05:57

Matrix: Solid

Job ID: 880-55391-1

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	
Toluene	<0.00198	U	0.00198		mg/Kg		03/10/25 09:16	03/10/25 13:17	,
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/10/25 09:16	03/10/25 13:17	
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		03/10/25 09:16	03/10/25 13:17	
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/10/25 09:16	03/10/25 13:17	
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		03/10/25 09:16	03/10/25 13:17	•
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130				03/10/25 09:16	03/10/25 13:17	
1,4-Difluorobenzene (Surr)	88		70 - 130				03/10/25 09:16	03/10/25 13:17	
: Method: TAL SOP Total BTEX - ' Analyte		culation Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Method: TAL SOP Total BTEX -	Total BTEX Cald	culation							
		Qualifier		MDL	Unit mg/Kg	D	Prepared	Analyzed 03/10/25 13:17	Dil Fac
Analyte	Result <0.00397	Qualifier U	0.00397	MDL		<u>D</u>	Prepared		
Analyte Total BTEX	Result <0.00397	Qualifier U	0.00397	MDL MDL	mg/Kg	<u>D</u>	Prepared Prepared		
Analyte Total BTEX Method: SW846 8015 NM - Diese	Result <0.00397	Qualifier U ics (DRO) (0.00397 GC)		mg/Kg			03/10/25 13:17	
Analyte Total BTEX Method: SW846 8015 NM - Diese Analyte	Result <0.00397 el Range Organ Result <49.8	Qualifier U ics (DRO) (Qualifier U	0.00397 GC) RL 49.8		mg/Kg			03/10/25 13:17 Analyzed	
Analyte Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH	Result <0.00397 el Range Organ Result <49.8 sel Range Orga	Qualifier U ics (DRO) (Qualifier U	0.00397 GC) RL 49.8		mg/Kg Unit mg/Kg			03/10/25 13:17 Analyzed	
Analyte Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics	Result <0.00397 el Range Organ Result <49.8 sel Range Orga	Qualifier U ics (DRO) (Qualifier U nics (DRO) Qualifier	0.00397 GC) RL 49.8 (GC)	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared	03/10/25 13:17 Analyzed 03/13/25 05:57	Dil Fa
Analyte Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Die	el Range Organ Result <49.8 sel Range Orga Result Result Result Result Result Result	Qualifier U ics (DRO) (Qualifier U nics (DRO) Qualifier U	0.00397 GC) RL 49.8 (GC) RL	MDL	mg/Kg Unit mg/Kg Unit	<u>D</u>	Prepared Prepared	03/10/25 13:17 Analyzed 03/13/25 05:57 Analyzed	Dil Fa

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble								
Analyte Result Qualifier RL MDL Unit D							Analyzed	Dil Fac
	Chloride	2730	50.1	mg/	Kg		03/11/25 09:23	5

Limits

70 - 130

70 - 130

%Recovery Qualifier

86

79

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

Surrogate

o-Terphenyl

1-Chlorooctane

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

Dil Fac

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')

Date Collected: 03/06/25 00:00 Date Received: 03/07/25 16:43 Lab Sample ID: 880-55391-2

Matrix: Solid

Matrix: Solid

Method: TAL SOP Total BTEX - T	otal BTEX Cald	culation							
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 - Diese	Range Organ	ics (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 - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		03/09/25 21:05	03/13/25 06:12	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		03/09/25 21:05	03/13/25 06:12	1
C10-C28)									
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	Chromatogran	hv - Solubl	le						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	129		9.94		mg/Kg			03/11/25 09:46	

Client Sample ID: T-2 (2.0') Lab Sample ID: 880-55391-3

Date Collected: 03/06/25 00:00

Date Received: 03/07/25 16:43

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) Method: TAL SOP Total BTEX			70 ₋ 130	MDI	Unit	n	03/10/25 09:16	03/10/25 13:58	
1,4-Difluorobenzene (Surr)		culation	70 - 130				03/10/25 09:16	03/10/25 13:58	1
1,4-Difluorobenzene (Surr)	(- Total BTEX Cald	Qualifier	70 - 130 RL 0.00398	MDL	Unit mg/Kg	<u>D</u>	03/10/25 09:16 Prepared	03/10/25 13:58 Analyzed 03/10/25 13:58	Dil Fac
1,4-Difluorobenzene (Surr) Method: TAL SOP Total BTEX Analyte Total BTEX	(- Total BTEX Cald Result <0.00398	Qualifier U	RL 0.00398	MDL		<u>D</u>		Analyzed	Dil Fac
1,4-Difluorobenzene (Surr) Method: TAL SOP Total BTEX Analyte	4 - Total BTEX Calc Result <0.00398 esel Range Organ	Qualifier U	RL 0.00398	MDL MDL		<u>D</u>		Analyzed	Dil Fac
1,4-Difluorobenzene (Surr) Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Di	4 - Total BTEX Calc Result <0.00398 esel Range Organ	Qualifier U ics (DRO) (C	RL 0.00398		mg/Kg		Prepared	Analyzed 03/10/25 13:58	Dil Fac
1,4-Difluorobenzene (Surr) Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Di Analyte	4 - Total BTEX Calc Result <0.00398 esel Range Organ Result <49.7	Qualifier U ics (DRO) (CQualifier U	RL 0.00398 GC) RL 49.7		mg/Kg		Prepared	Analyzed 03/10/25 13:58	Dil Fac
1,4-Difluorobenzene (Surr) Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Di Analyte Total TPH	C - Total BTEX Calc Result <0.00398 esel Range Organ Result <49.7	Qualifier U ics (DRO) (CQualifier U	RL 0.00398 GC) RL 49.7	MDL	mg/Kg		Prepared	Analyzed 03/10/25 13:58	Dil Fac
1,4-Difluorobenzene (Surr) Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Di Analyte Total TPH Method: SW846 8015B NM - I	C - Total BTEX Calc Result <0.00398 esel Range Organ Result <49.7	Qualifier U ics (DRO) (C Qualifier U nics (DRO) Qualifier	RL 0.00398 GC) RL 49.7	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 03/10/25 13:58 Analyzed 03/13/25 06:41	Dil Fac

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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 (2.0')

Date Collected: 03/06/25 00:00 Date Received: 03/07/25 16:43 Lab Sample ID: 880-55391-3

Matrix: Solid

Method: SW846 8015B NM - Dies	sel Range Orga	nics (DRO)	(GC) (Continu	ıed)					
Analyte	Result	Qualifier	RL	MDL Un	nit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7	mg	g/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 C	hromatograp	hy - Solubl	e						
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')

Date Collected: 03/06/25 00:00

Date Received: 03/07/25 16:43

Lab Sample ID: 880-55391-4

Matrix: Solid

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									
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
l	Total BTEX	<0.00399	U	0.00399		mg/Kg			03/10/25 14:18	1

Method: SW846 8015 NM - Diesel R	ange Organ	ics (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	Pango Orga	nice (DPO) (G	C)						
Method. 344040 0013B MM - Dieser	Kange Orga	ilics (DKO) (G	C)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Method: SW646 6015B NM - Dieser Range Organics (DRO) (GC)									
Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
<50.0	U	50.0		mg/Kg		03/09/25 21:05	03/13/25 06:56	1	
<50.0	U	50.0		mg/Kg		03/09/25 21:05	03/13/25 06:56	1	
<50.0	U	50.0		mg/Kg		03/09/25 21:05	03/13/25 06:56	1	
%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
84		70 - 130				03/09/25 21:05	03/13/25 06:56	1	
76		70 - 130				03/09/25 21:05	03/13/25 06:56	1	
	Result <50.0 <50.0 <50.0 <50.0	Result Qualifier	Result Qualifier RL <50.0	Result Qualifier RL MDL <50.0	Result Qualifier RL MDL Unit <50.0	Result Qualifier RL MDL Unit D <50.0	Result Qualifier RL MDL Unit D Prepared <50.0	Result Qualifier RL MDL unit D mg/Kg Prepared D3/09/25 21:05 Analyzed D3/13/25 06:56 <50.0	

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

Client Sample Results

Client: Carmona Resources

Project/Site: Salado Draw 19 CTB and CS

SDG: Lea Co, NM

Job ID: 880-55391-1

Lab Sample ID: 880-55391-5

Matrix: Solid

Date Collected: 03/06/25 00:00 Date Received: 03/07/25 16:43

Client Sample ID: T-2 (4.0')

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

Method: SW846 8015 NM - Diesel	Range Organi	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL U	nit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		g/Kg			03/13/25 17:55	1

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

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

Client Sample Results

Client: Carmona Resources

Date Received: 03/07/25 16:43

Analyte

Chloride

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

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 - Diese	I Range Organ	ics (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 - Dies	sel Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		03/09/25 21:05	03/13/25 07:25	
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		03/09/25 21:05	03/13/25 07:25	
C10-C28)									
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/09/25 21:05	03/13/25 07:25	,
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	84		70 - 130				03/09/25 21:05	03/13/25 07:25	
o-Terphenyl	76		70 - 130				03/09/25 21:05	03/13/25 07:25	

Client Sample ID: T-3 (1.5') Lab Sample ID: 880-55391-7

RL

101

MDL Unit

mg/Kg

D

Prepared

Analyzed

03/11/25 10:15

Dil Fac

Result Qualifier

4030

te Collected: 03/06/25 00:00	Matrix: Solid
te Received: 03/07/25 16:43	

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
			70 400				00/40/05 00:40	03/10/25 15:20	1
1,4-Difluorobenzene (Surr) Method: TAL SOP Total BTEX Analyte		culation Qualifier	70 ₋ 130 R L	MDL	Unit	D	03/10/25 09:16 Prepared	Analyzed	
Method: TAL SOP Total BTEX	- Total BTEX Cald			MDI	Unit	n			
- '	- Total BTEX Cald	Qualifier		MDL	Unit mg/Kg	<u>D</u>			Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die	- Total BTEX Calc Result <0.00402 esel Range Organ	Qualifier U	RL 0.00402		mg/Kg		Prepared	Analyzed 03/10/25 15:20	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte	- Total BTEX Calc Result <0.00402 esel Range Organ Result	Qualifier U ics (DRO) (Qualifier	RL 0.00402	MDL	mg/Kg	<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die	- Total BTEX Calc Result <0.00402 esel Range Organ	Qualifier U ics (DRO) (Qualifier	RL 0.00402		mg/Kg		Prepared	Analyzed 03/10/25 15:20	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte	- Total BTEX Calc Result <0.00402 esel Range Organ Result <50.0	Qualifier U ics (DRO) (Qualifier U	RL 0.00402 GC) RL 50.0		mg/Kg		Prepared	Analyzed 03/10/25 15:20 Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH	- Total BTEX Calc Result <0.00402 esel Range Organ Result <50.0	Qualifier U ics (DRO) (Qualifier U	RL 0.00402 GC) RL 50.0	MDL	mg/Kg		Prepared	Analyzed 03/10/25 15:20 Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D	- Total BTEX Calc Result <0.00402 esel Range Organ Result <50.0	Qualifier U ics (DRO) (Qualifier U nics (DRO) Qualifier	RL 0.00402 GC) RL 50.0	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 03/10/25 15:20 Analyzed 03/13/25 07:40	Dil Fac

Project/Site: Salado Draw 19 CTB and CS

Job ID: 880-55391-1

SDG: Lea Co, NM

Lab Sample ID: 880-55391-7

Matrix: Solid

Client Sample ID: T-3 (1.5') Date Collected: 03/06/25 00:00

Date Received: 03/07/25 16:43

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') Date Collected: 03/06/25 00:00

Date Received: 03/07/25 16:43

Lab Sample ID: 880-55391-8

Matrix: Solid

Method: SW846 8021B - Volati	le Organic Comp	ounds (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	Organ	ics (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 Rang	ge Orga	nics (DRO) (G	C)						

Method: SW846 8015B NM - Dies	el Range Orga	nics (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 C	hromatography - So	luble					
Analyte	Result Qualifier	r RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	109	9.90	mg/K	g		03/11/25 10:30	1

Client Sample Results

Client: Carmona Resources

Project/Site: Salado Draw 19 CTB and CS

SDG: Lea Co, NM

Job ID: 880-55391-1

Client Sample ID: T-3 (3.0')

Date Collected: 03/06/25 00:00 Date Received: 03/07/25 16:43

Lab Sample ID: 880-55391-9

Matrix: Solid

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 - 1	Total BTEX Cald	culation							
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 - Diese	el Range Organ	ics (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 - Die	sel Range Orga	nics (DRO)	(GC)						
Analyte									
Allalyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	Result <49.8		RL 49.8	MDL	mg/Kg	D	Prepared 03/09/25 21:05	Analyzed 03/13/25 08:08	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	MDL	mg/Kg	<u>D</u>	03/09/25 21:05	03/13/25 08:08	1
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over		U		MDL		<u>D</u>	<u>.</u>		
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	MDL	mg/Kg	<u>D</u>	03/09/25 21:05	03/13/25 08:08	1
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<49.8 <49.8 <49.8	U U U	49.8	MDL	mg/Kg	<u>D</u>	03/09/25 21:05	03/13/25 08:08	1 1
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	<49.8 <49.8	U U U	49.8 49.8 49.8	MDL	mg/Kg	<u>D</u>	03/09/25 21:05 03/09/25 21:05 03/09/25 21:05	03/13/25 08:08 03/13/25 08:08 03/13/25 08:08	1 1 1 Dil Fac
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate	<49.8 <49.8 <49.8 %Recovery	U U U	49.8 49.8 49.8 <i>Limits</i>	MDL	mg/Kg	<u>D</u>	03/09/25 21:05 03/09/25 21:05 03/09/25 21:05 Prepared	03/13/25 08:08 03/13/25 08:08 03/13/25 08:08 Analyzed	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	<49.8 <49.8 <49.8 %Recovery 91 82	U U U Qualifier	49.8 49.8 49.8 Limits 70 - 130 70 - 130	MDL	mg/Kg	<u>D</u>	03/09/25 21:05 03/09/25 21:05 03/09/25 21:05 Prepared 03/09/25 21:05	03/13/25 08:08 03/13/25 08:08 03/13/25 08:08 Analyzed 03/13/25 08:08	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	<49.8 <49.8 <49.8 **Recovery 91 82 Chromatograp	U U U Qualifier	49.8 49.8 49.8 Limits 70 - 130 70 - 130	MDL	mg/Kg mg/Kg mg/Kg	<u>D</u>	03/09/25 21:05 03/09/25 21:05 03/09/25 21:05 Prepared 03/09/25 21:05	03/13/25 08:08 03/13/25 08:08 03/13/25 08:08 Analyzed 03/13/25 08:08	1

Client Sample ID: T-3 (4.0') Lab Sample ID: 880-55391-10 **Matrix: Solid**

Date Collected: 03/06/25 00:00 Date Received: 03/07/25 16:43

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

Client Sample ID: T-3 (4.0')

Project/Site: Salado Draw 19 CTB and CS

Job ID: 880-55391-1

SDG: Lea Co, NM

Lab Sample ID: 880-55391-10

Matrix: Solid

Date Collected: 03/06/25 00:00	
Date Received: 03/07/25 16:43	

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 Ra	ange Organi	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL U	nit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7	m	g/Kg			03/13/25 08:24	1

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

Method: EPA 300.0 - Anions, Ion Ch	nromatography - 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

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) Method: TAL SOP Total BTEX - T	86 Total BTEX Cald	culation	70 - 130				03/10/25 09:16	03/10/25 17:55	1
Method: TAL SOP Total BTEX - T	Total BTEX Cald	Qualifier	RL	MDL	Unit ma/Ka	<u>D</u>	03/10/25 09:16 Prepared	Analyzed	Dil Fac
Method: TAL SOP Total BTEX - T Analyte Total BTEX	Total BTEX Calc Result <0.00396	Qualifier U	RL 0.00396	MDL	Unit mg/Kg	<u>D</u>			
Method: TAL SOP Total BTEX - T Analyte Total BTEX	Total BTEX Calc Result <0.00396 Range Organ	Qualifier U	RL 0.00396	MDL MDL	mg/Kg	<u>D</u>		Analyzed	·
Method: TAL SOP Total BTEX - T Analyte Total BTEX Method: SW846 8015 NM - Diese	Total BTEX Calc Result <0.00396 Range Organ	Qualifier U ics (DRO) (Qualifier	RL 0.00396		mg/Kg	=	Prepared	Analyzed 03/10/25 17:55	Dil Fac
Method: TAL SOP Total BTEX - T Analyte Total BTEX Method: SW846 8015 NM - Diese Analyte	Cotal BTEX Calc Result <0.00396 El Range Organ Result <50.0	Qualifier U ics (DRO) (Qualifier U	RL 0.00396 GC) RL 50.0		mg/Kg	=	Prepared	Analyzed 03/10/25 17:55 Analyzed	Dil Fac
Method: TAL SOP Total BTEX - T Analyte Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese	Total BTEX Calc Result <0.00396 el Range Organ Result <50.0 sel Range Orga	Qualifier U ics (DRO) (Qualifier U	RL 0.00396 GC) RL 50.0	MDL	mg/Kg	=	Prepared	Analyzed 03/10/25 17:55 Analyzed	Dil Fac
Method: TAL SOP Total BTEX - T Analyte Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH	Total BTEX Calc Result <0.00396 el Range Organ Result <50.0 sel Range Orga	Qualifier U ics (DRO) (Qualifier U nics (DRO) Qualifier	RL 0.00396 GC) RL 50.0	MDL	mg/Kg Unit mg/Kg	<u></u>	Prepared Prepared	Analyzed 03/10/25 17:55 Analyzed 03/13/25 08:38	Dil Fac

Project/Site: Salado Draw 19 CTB and CS

Lab Sample ID: 880-55391-11

Matrix: Solid

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

Date Collected: 03/06/25 00:00 Date Received: 03/07/25 16:43

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')

Date Collected: 03/06/25 00:00 Date Received: 03/07/25 16:43

1,4-Difluorobenzene (Surr)

Lab Sample ID: 880-55391-12

03/10/25 09:16 03/10/25 18:15

Matrix: Solid

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

Analyte Result Qualifier
Allaiyte Result Qualifier

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	

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

70 - 130

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

	•	, , ,	,						
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.8	П	49.8	ma/Ka			03/13/25 08:53	1	

Method. 344040 0013D MM - Diese	Range Orga	ilics (DICO) ((30)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.8	U	49.8		mg/Kg		03/09/25 21:05	03/13/25 08:53	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.8	U	49.8		mg/Kg		03/09/25 21:05	03/13/25 08:53	1
C10-C28)									
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

Client Sample Results

Client: Carmona Resources

Project/Site: Salado Draw 19 CTB and CS

SDG: Lea Co, NM

Lab Sample ID: 880-55391-13

Client Sample ID: T-6 (2.0')

Date Collected: 03/06/25 00:00 Date Received: 03/07/25 16:43

Matrix: Solid

Job ID: 880-55391-1

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 - 1	Total BTEX Cald	culation							
	D14				1114	D	Danasasas	Analyzed	Dil Fac
Analyte	Result	Qualifier	RL	MDL	Unit	ט	Prepared	Analyzed	DII Fac
Analyte Total BTEX	<0.00397		0.00397	MDL	mg/Kg		Prepared	03/10/25 18:35	1
Total BTEX	<0.00397	U	0.00397	MDL			Prepared		
	<0.00397	U	0.00397	MDL	mg/Kg	<u>D</u>	Prepared		
Total BTEX Method: SW846 8015 NM - Diese	<0.00397	ics (DRO) (Qualifier	0.00397 GC)		mg/Kg	_ =		03/10/25 18:35	1
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH	<0.00397 el Range Organ Result <49.7	ics (DRO) (O	0.00397 GC) RL 49.7		mg/Kg	_ =		03/10/25 18:35 Analyzed	1 Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte	<0.00397 el Range Organ Result <49.7 sel Range Orga	ics (DRO) (O	0.00397 GC) RL 49.7		mg/Kg Unit mg/Kg	_ =		03/10/25 18:35 Analyzed	1 Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics	<0.00397 el Range Organ Result <49.7 sel Range Orga	ics (DRO) (Qualifier Unics (DRO) Qualifier	0.00397 GC) RL 49.7 (GC)	MDL	mg/Kg Unit mg/Kg		Prepared	03/10/25 18:35 Analyzed 03/12/25 20:10	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10	<0.00397 el Range Organ Result <49.7 sel Range Orga Result <49.7	ics (DRO) (Qualifier U nics (DRO) Qualifier U F1	0.00397 GC) RL 49.7 (GC) RL 49.7	MDL	mg/Kg Unit mg/Kg Unit mg/Kg		Prepared Prepared 03/09/25 21:07	03/10/25 18:35 Analyzed 03/12/25 20:10 Analyzed 03/12/25 20:10	Dil Fac Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics	<0.00397 el Range Organ Result <49.7 sel Range Orga Result	ics (DRO) (Qualifier U nics (DRO) Qualifier U F1	0.00397 GC) RL 49.7 (GC) RL	MDL	mg/Kg Unit mg/Kg Unit		Prepared Prepared	03/10/25 18:35 Analyzed 03/12/25 20:10 Analyzed	Dil Fac Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	<0.00397 el Range Organ Result <49.7 sel Range Orga Result <49.7	ics (DRO) (Qualifier U mics (DRO) Qualifier U F1 U F1	0.00397 GC) RL 49.7 (GC) RL 49.7	MDL	mg/Kg Unit mg/Kg Unit mg/Kg		Prepared Prepared 03/09/25 21:07	03/10/25 18:35 Analyzed 03/12/25 20:10 Analyzed 03/12/25 20:10	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<0.00397 el Range Organ Result <49.7 sel Range Orga Result <49.7 <49.7	ics (DRO) (Qualifier U mics (DRO) Qualifier U F1 U F1	0.00397 GC) RL 49.7 (GC) RL 49.7	MDL	mg/Kg Unit mg/Kg Unit mg/Kg mg/Kg		Prepared Prepared 03/09/25 21:07 03/09/25 21:07	03/10/25 18:35 Analyzed 03/12/25 20:10 Analyzed 03/12/25 20:10 03/12/25 20:10	Dil Fac Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	<0.00397 el Range Organ Result <49.7 sel Range Orga Result <49.7 <49.7 <49.7	ics (DRO) (Qualifier U mics (DRO) Qualifier U F1 U F1	0.00397 GC) RL 49.7 (GC) RL 49.7 49.7	MDL	mg/Kg Unit mg/Kg Unit mg/Kg mg/Kg		Prepared Prepared 03/09/25 21:07 03/09/25 21:07	03/10/25 18:35 Analyzed 03/12/25 20:10 Analyzed 03/12/25 20:10 03/12/25 20:10 03/12/25 20:10	Dil Fac Dil Fac 1 1 1

Client Sample ID: T-6 (3.0') Lab Sample ID: 880-55391-14 Date Collected: 03/06/25 00:00 **Matrix: Solid**

RL

9.92

MDL Unit

mg/Kg

D

Prepared

03/10/25 09:16

Analyzed

03/11/25 07:00

Dil Fac

Date Received: 03/07/25 16:43

Analyte

Chloride

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Result Qualifier

202

89

Method: SW846 8021B - Volatile Organic Compounds (GC) Dil Fac Analyte Result Qualifier MDL Unit D RL Prepared Analyzed Benzene <0.00202 U 0.00202 mg/Kg 03/10/25 09:16 03/10/25 18:56 Toluene <0.00202 U 0.00202 mg/Kg 03/10/25 09:16 03/10/25 18:56 Ethylbenzene <0.00202 U 0.00202 mg/Kg 03/10/25 09:16 03/10/25 18:56 m-Xylene & p-Xylene <0.00403 U 0.00403 mg/Kg 03/10/25 09:16 03/10/25 18:56 o-Xylene <0.00202 U 0.00202 mg/Kg 03/10/25 09:16 03/10/25 18:56 <0.00403 U 0.00403 03/10/25 09:16 03/10/25 18:56 Xylenes, Total mg/Kg Qualifier Limits Surrogate %Recovery Prepared Analyzed Dil Fac S1+ 70 - 130 03/10/25 09:16 03/10/25 18:56 4-Bromofluorobenzene (Surr) 131

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03/10/25 18:56

70 - 130

1,4-Difluorobenzene (Surr)

Dil Fac

Client Sample Results

Client: Carmona Resources

Project/Site: Salado Draw 19 CTB and CS

Job ID: 880-55391-1

SDG: Lea Co, NM

Lab Sample ID: 880-55391-14

Matrix: Solid

Client Sample ID: T-6 (3.0') Date Collected: 03/06/25 00:00

Date Received: 03/07/25 16:43

Method: TAL SOP Total BTEX - Total BTEX Calculation Analyte Result Qualifier RL **MDL** Unit D Prepared Analyzed Total BTEX <0.00403 U 0.00403 mg/Kg 03/10/25 18:56

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

Result Qualifier RL **MDL** Unit D Prepared Analyzed Dil Fac Total TPH <49.8 U 49.8 03/12/25 20:53 mg/Kg

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) Result Qualifier RL MDL Unit D Analyte Prepared Dil Fac Analyzed <49.8 U 49.8 03/12/25 20:53 03/09/25 21:07 Gasoline Range Organics mg/Kg (GRO)-C6-C10 49.8 Diesel Range Organics (Over <49.8 U mg/Kg 03/09/25 21:07 03/12/25 20:53 C10-C28) Oil Range Organics (Over C28-C36) mg/Kg <49.8 U 49.8 03/09/25 21:07 03/12/25 20:53 Qualifier Limits Prepared

Surrogate %Recovery Analyzed Dil Fac 70 - 130 03/09/25 21:07 1-Chlorooctane 75 03/12/25 20:53 o-Terphenyl 79 70 - 130 03/09/25 21:07 03/12/25 20:53

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble Result Qualifier Analyte RL MDL Unit D Prepared Analyzed Dil Fac Chloride 629 10.1 mg/Kg 03/11/25 07:19

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

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

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	
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

MDL Unit Dil Fac Analyte Result Qualifier RL D Analyzed Prepared Total BTEX < 0.00404 U 0.00404 mg/Kg 03/10/25 19:16

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC) Analyte Result Qualifier RL MDL Unit Analyzed Dil Fac D Prepared Total TPH <50.0 U 50.0 03/12/25 21:08 mg/Kg

Method: SW846 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	

Project/Site: Salado Draw 19 CTB and CS

Lab Sample ID: 880-55391-15

Matrix: Solid

Client Sample ID: T-6 (4.0')

Date Collected: 03/06/25 00:00 Date Received: 03/07/25 16:43

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'

Date Collected: 03/06/25 00:00 Date Received: 03/07/25 16:43

Lab Sample ID: 880-55391-16

Matrix: Solid

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 Cald	culation							
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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	<49.9	U	49.9		mg/Kg			03/13/25 16:51	
- Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/10/25 11:30	03/13/25 16:51	
Diesel Range Organics (Over C10-C28)	<49.9	U *+	49.9		mg/Kg		03/10/25 11:30	03/13/25 16:51	•
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/10/25 11:30	03/13/25 16:51	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	137	S1+	70 - 130				03/10/25 11:30	03/13/25 16:51	
o-Terphenyl	126		70 - 130				03/10/25 11:30	03/13/25 16:51	

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Analyzed

03/11/25 13:15

RL

9.94

MDL Unit

mg/Kg

Prepared

Result Qualifier

<9.94 U

Dil Fac

Analyte

Chloride

Surrogate Summary

Client: Carmona Resources

Job ID: 880-55391-1

Project/Site: Salado Draw 19 CTB and CS

SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

		DED.	DED=:	Percent Surrogate Recovery (Acceptance Limit
		BFB1	DFBZ1	
ab Sample ID	Client Sample ID	(70-130)	(70-130)	
80-55391-1	T-2 (0-1.0')	133 S1+	88	
30-55391-1 MS	T-2 (0-1.0')	130	90	
80-55391-1 MSD	T-2 (0-1.0')	135 S1+	89	
0-55391-2	T-2 (1.5')	125	85	
80-55391-3	T-2 (2.0')	125	86	
0-55391-4	T-2 (3.0')	123	82	
0-55391-5	T-2 (4.0')	123	86	
0-55391-6	T-3 (0-1.0')	130	85	
0-55391-7	T-3 (1.5')	138 S1+	80	
80-55391-8	T-3 (2.0')	131 S1+	82	
0-55391-9	T-3 (3.0')	128	85	
-55391-10	T-3 (4.0')	134 S1+	82	
0-55391-11	T-6 (0-1.0')	131 S1+	86	
0-55391-12	T-6 (1.5')	130	75	
0-55391-13	T-6 (2.0')	136 S1+	80	
0-55391-14	T-6 (3.0')	131 S1+	89	
0-55391-15	T-6 (4.0')	129	88	
)-55391-16	S-3 5'	114	93	
)-7793-A-13-A MS	Matrix Spike	144 S1+	123	
0-7793-A-13-B MSD	Matrix Spike Duplicate	93	132 S1+	
S 880-104846/1-A	Lab Control Sample	128	93	
CS 880-104941/1-A	Lab Control Sample	99	108	
CSD 880-104846/2-A	Lab Control Sample Dup	126	91	
SD 880-104941/2-A	Lab Control Sample Dup	110	101	
3 880-104846/5-A	Method Blank	115	79	
3 880-104941/5-A	Method Blank	92	89	

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limi
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
380-55332-A-11-C MS	Matrix Spike	90	78	
880-55332-A-11-D MSD	Matrix Spike Duplicate	92	78	
380-55391-1	T-2 (0-1.0')	86	79	
380-55391-2	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	
380-55391-7	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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3

Δ

6

8

10

12

13

Surrogate Summary

Client: Carmona Resources

Job ID: 880-55391-1

Project/Site: Salado Draw 19 CTB and CS

SDG: Lea Co, NM

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

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
380-55391-12	T-6 (1.5')	81	74	
880-55391-13	T-6 (2.0')	83	87	
380-55391-13 MS	T-6 (2.0')	78	77	
380-55391-13 MSD	T-6 (2.0')	78	77	
380-55391-14	T-6 (3.0')	75	79	
380-55391-15	T-6 (4.0')	73	77	
380-55391-16	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	
_CS 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	
CSD 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

Client: Carmona Resources Job ID: 880-55391-1 Project/Site: Salado Draw 19 CTB and CS 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

	III D	141.0							
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 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

MB MB

MR MR

Surrogate	%Recovery	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

Spike

Added

0.100

0.100

0.100

0.200

0.100

Lab Sample ID: LCS 880-104846/1-A **Client Sample ID: Lab Control Sample**

LCS LCS

0.1058

0.1035

0.1052

0.2254

0.1096

Result Qualifier

Unit

mg/Kg

mg/Kg

mg/Kg

mg/Kg

mg/Kg

Matrix: Solid

Analyte

Benzene

Toluene

o-Xylene

Ethylbenzene

m-Xylene & p-Xylene

Analysis Batch: 104839

Prep Type: Total/NA Prep Batch: 104846

%Rec Limits 106 70 - 130 103 70 - 130 105 70 - 130 70 - 130 113

70 - 130

LCS LCS

Surrogate	%Recovery	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

110

Prep Type: Total/NA

Prep Batch: 104846

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

LCSD LCSD

Surrogate	%Recovery	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

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

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

MS MS

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

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

Prep Type: Total/NA

98

70 - 130

70 - 130

Prep Batch: 104846

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

Sample Sample Spike MSD MSD %Rec %Rec Result Qualifier Added Result Qualifier Limits RPD Limit Analyte Unit 0.101 0.09043 Benzene <0.00198 U mg/Kg 90 70 - 130 7 35 Toluene <0.00198 0.09466 70 - 130 35 0.101 mg/Kg 94 Ethylbenzene <0.00198 U 0.101 0.09226 mg/Kg 92 70 - 130 6 35

0.2005

0.09865

mg/Kg

mg/Kg

0.202

0.101

MSD MSD

<0.00397 U

<0.00198 U

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

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

Matrix: Solid

m-Xylene & p-Xylene

o-Xylene

Analysis Batch: 104944

Client Sample ID: Method Blank

Prep Type: Total/NA

6

Prep Batch: 104941

MB MB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
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

MB MB

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
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

	Spike	LCS	LCS				%Rec
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
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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35

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**

Lab Sample ID: LCSD 880-104941/2-A

Lab Sample ID: 890-7793-A-13-A MS

Lab Sample ID: 890-7793-A-13-B MSD

Analysis Batch: 104944

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 104941

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit %Rec Limits D 0.100 0 1132 113 70 - 130 o-Xylene mg/Kg

LCS LCS

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

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Matrix: Solid

Matrix: Solid

o-Xylene

Matrix: Solid

Analysis Batch: 104944

Analysis Batch: 104944

Prep Batch: 104941

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

LCSD LCSD

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

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 104941

MS MS Sample Sample Spike %Rec Result Qualifier babbA Result Qualifier Analyte Unit D %Rec Limits Benzene <0.00200 U F1 F2 0.100 0.08987 mg/Kg 90 70 - 130 Toluene < 0.00200 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

0.07628

mg/Kg

0.100

MS MS

UF1

<0.00200

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

Client Sample ID: Matrix Spike Duplicate

70 - 130

76

Prep Type: Total/NA

Prep Batch: 104941

Analysis Batch: 104944 Sample Sample Spike MSD MSD %Rec RPD Result Qualifier Added Result Qualifier Limits Limit Analyte Unit D %Rec RPD Benzene <0.00200 U F1 F2 0.100 0.004189 F1 F2 mg/Kg 4 70 - 130 182 35 0.100 0.07259 Toluene <0.00200 U 73 70 - 13035 mg/Kg 14 Ethylbenzene <0.00200 U 0.100 0.07725 mg/Kg 77 70 - 130 27 35 0.200 m-Xylene & p-Xylene < 0.00399 U F1 F2 0.1359 F1 F2 mg/Kg 68 70 - 13058 35 o-Xylene <0.00200 UF1 0.100 0.06111 F1 mg/Kg 61 70 - 130 22 35

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

MSD	MSD
-----	-----

Surrogate	%Recovery	Qualifier	Limits
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

мв мв

	IND	11.10							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		03/09/25 21:05	03/13/25 02:46	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		03/09/25 21:05	03/13/25 02:46	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/09/25 21:05	03/13/25 02:46	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
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**

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	828.8		mg/Kg		83	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	883.7		mg/Kg		88	70 - 130	
C10-C28)								

LCS LCS

Surrogate	%Recovery Qualifier	Limits
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

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	1000	822.9		mg/Kg		82	70 - 130	1	20
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	906.6		mg/Kg		91	70 - 130	3	20
C10 C28)									

LCSD LCSD

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

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

Analysis Batch: 105107

Matrix: Solid

Client Sample ID: Matrix Spike

Prep Type: Total/NA **Prep Batch: 104819**

Sample Sample Spike MS MS Result Qualifier Added Analyte Result Qualifier Unit %Rec Limits Gasoline Range Organics <50.0 U 994 841.7 mg/Kg 85 70 - 130 (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 994 756.0 mg/Kg 76 70 - 130

Limits

70 - 130

70 - 130

C10-C28)

MS MS %Recovery Qualifier Surrogate 1-Chlorooctane 90 o-Terphenyl 78

Lab Sample ID: 880-55332-A-11-D MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Analysis Batch: 105107

Prep Type: Total/NA

Prep Batch: 104819

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

C10-C28)

MSD MSD Qualifier Surrogate %Recovery Limits 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

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		03/09/25 21:07	03/12/25 19:25	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		03/09/25 21:07	03/12/25 19:25	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/09/25 21:07	03/12/25 19:25	1

MB MB

Dil Fac %Recovery Qualifier Limits Prepared Analyzed Surrogate 1-Chlorooctane 70 - 130 03/09/25 21:07 03/12/25 19:25 75 79 70 - 130 03/09/25 21:07 03/12/25 19:25 o-Terphenyl

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

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

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

LCS LCS

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

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 104820

Lab Sample ID: LCSD 880-104820/3-A **Matrix: Solid**

Lab Sample ID: 880-55391-13 MS

Analysis Batch: 105110

Analysis Batch: 105110

Spike LCSD LCSD %Rec RPD Analyte Added Result Qualifier Unit D %Rec Limits RPD Limit 1000 958.0 96 70 - 1303 20 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 1069 mg/Kg 107 70 - 1303 20

C10-C28)

LCSD LCSD

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

Client Sample ID: T-6 (2.0')

Prep Type: Total/NA

Prep Batch: 104820

Sample Sample Spike MS MS Analyte Result Qualifier hahhA Result Qualifier Unit D %Rec Limits Gasoline Range Organics <49.7 U F1 1000 665.3 F1 mg/Kg 67 70 - 130 (GRO)-C6-C10 1000 Diesel Range Organics (Over <49.7 UF1 694.2 F1 mg/Kg 69 70 - 130

C10-C28)

Matrix: Solid

MS MS

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

Lab Sample ID: 880-55391-13 MSD Client Sample ID: T-6 (2.0')

Matrix: Solid

Analysis Batch: 105110

Prep Type: Total/NA

Prep Batch: 104820 RPD %Rec

Sample Sample Spike MSD MSD Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits **RPD** Limit U F1 1000 667.4 F1 67 20 Gasoline Range Organics <49.7 mg/Kg 70 - 130 (GRO)-C6-C10 Diesel Range Organics (Over <49.7 UF1 1000 693.3 F1 mg/Kg 69 70 - 130 20

C10-C28)

MSD MSD

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

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

Lab Sample ID: LCS 880-104892/2-A

Lab Sample ID: LCSD 880-104892/3-A

Matrix: Solid

Matrix: Solid

Analysis Batch: 105119

Analysis Batch: 105119

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 104892

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/10/25 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
	МВ	MB							

Surrogate	%Recovery	Qualifier	Limits	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

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 104892

LCS LCS Spike %Rec Added Result Qualifier Analyte Unit D %Rec Limits 1000 1095 Gasoline Range Organics mg/Kg 110 70 - 130 (GRO)-C6-C10 1000 1279 Diesel Range Organics (Over mg/Kg 128 70 - 130 C10-C28)

LCS LCS

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

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 104892 Analysis Batch: 105119

	Spike	LCSD	LCSD				%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics	1000	1113		mg/Kg		111	70 - 130	2	20	
(GRO)-C6-C10										
Diesel Range Organics (Over	1000	1427	*+	mg/Kg		143	70 - 130	11	20	
040,000)										

C10-C28)

Matrix: Solid

LCSD LCSD

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

Lab Sample ID: 880-55406-A-42-D MS Client Sample ID: Matrix Spike

Matrix: Solid

Analysis Batch: 105119

Prep Type: Total/NA

Prep Batch: 104892

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

Job ID: 880-55391-1 Project/Site: Salado Draw 19 CTB and CS SDG: Lea Co, NM

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

MS MS

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 Qualifier Limits 1-Chlorooctane 132 S1+ 70 - 130 o-Terphenyl 115 70 - 130

Lab Sample ID: 880-55406-A-42-E MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Analysis Batch: 105119

Prep Type: Total/NA

Prep Batch: 104892

Sample Sample Spike MSD MSD %Rec RPD Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits RPD Limit <50.0 U 999 973 7 97 70 - 13020 Gasoline Range Organics mg/Kg 4 (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U*+ 999 1018 102 mg/Kg 70 - 1302 20 C10-C28)

MSD MSD

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

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-104854/1-A Client Sample ID: Method Blank **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 104906

мв мв

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

Lab Sample ID: LCS 880-104854/2-A Client Sample ID: Lab Control Sample **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 104906

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

Lab Sample ID: LCSD 880-104854/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid**

Analysis Batch: 104906

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

Lab Sample ID: 880-55383-A-7-B MS Client Sample ID: Matrix Spike

Matrix: Solid

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Analysis Batch: 104906

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

Eurofins Midland

Prep Type: Soluble

Prep Type: Soluble

Client: Carmona Resources Project/Site: Salado Draw 19 CTB and CS SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-55383-A-7-C MSD Client Sample ID: Matrix Spike Duplicate **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 104906

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

Lab Sample ID: 880-55384-A-5-B MS Client Sample ID: Matrix Spike **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 104906

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

Lab Sample ID: 880-55384-A-5-C MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Prep Type: Soluble

Analysis Batch: 104906

MSD MSD %Rec RPD Spike Sample Sample Analyte Result Qualifier Added Result Qualifier Unit Limits RPD Limit Chloride 587 250 821.4 mg/Kg

Lab Sample ID: MB 880-104855/1-A Client Sample ID: Method Blank **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 104924

мв мв

Analyte	Result	Qualifier	RL	nit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0	g/Kg			03/11/25 06:05	1

Lab Sample ID: LCS 880-104855/2-A **Client Sample ID: Lab Control Sample Matrix: Solid Prep Type: Soluble**

LCS LCS

Analysis Batch: 104924

	Opino						701100	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	250	272.4		mg/Kg		109	90 - 110	

Snika

Lab Sample ID: LCSD 880-104855/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 104924

	Spike	LCSD	LCSD				%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Chloride	250	273.1		ma/Ka		109	90 - 110		20	

Lab Sample ID: 880-55391-9 MS Client Sample ID: T-3 (3.0')

Matrix: Solid

Analysis Batch: 104924

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

Lab Sample ID: 880-55391-9 MSD Client Sample ID: T-3 (3.0')

Matrix: Solid

Analysis Batch: 104924

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

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

Eurofins Midland

Prep Type: Soluble

% Pac

Prep Type: Soluble

Client: Carmona Resources

Job ID: 880-55391-1

SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-104982/1-A

Project/Site: Salado Draw 19 CTB and CS

Client Sample ID: Method Blank

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Matrix: Solid

Prep Type: Soluble

Analysis Batch: 104996

мв мв

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

Lab Sample ID: LCS 880-104982/2-A Client Sample ID: Lab Control Sample **Matrix: Solid**

Prep Type: Soluble

Analysis Batch: 104996

Spike LCS LCS

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

Lab Sample ID: LCSD 880-104982/3-A Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Matrix: Solid

Analysis Batch: 104996

LCSD LCSD %Rec RPD Spike Analyte Added Result Qualifier Unit %Rec Limits RPD Limit Chloride 250 251.9 mg/Kg 101 90 - 110

Lab Sample ID: 890-7793-A-27-D MS Client Sample ID: Matrix Spike **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 104996

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

Lab Sample ID: 890-7793-A-27-E MSD

Matrix: Solid

Analysis Batch: 104996

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

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 Batcl
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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Client: Carmona Resources

Project/Site: Salado Draw 19 CTB and CS

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

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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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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

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	
380-55391-4	T-2 (3.0')	Soluble	Solid	DI Leach	
880-55391-5	T-2 (4.0')	Soluble	Solid	DI Leach	
380-55391-6	T-3 (0-1.0')	Soluble	Solid	DI Leach	
380-55391-7	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	
380-55384-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	

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	

Client: Carmona Resources

Project/Site: Salado Draw 19 CTB and CS

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

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

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

Date Collected: 03/06/25 00:00 Date Received: 03/07/25 16:43 Lab Sample ID: 880-55391-1

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

Date Received: 03/07/25 16:43

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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')

Date Collected: 03/06/25 00:00

Date Received: 03/07/25 16:43

Lab Sample ID: 880-55391-3

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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')

Date Collected: 03/06/25 00:00

Date Received: 03/07/25 16:43

Lab Sample ID: 880-55391-4

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

SDG: Lea Co, NM

Client Sample ID: T-2 (3.0')

Date Collected: 03/06/25 00:00 Date Received: 03/07/25 16:43

Lab Sample ID: 880-55391-4

Matrix: Solid

Matrix: Solid

EET MID

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

Date Received: 03/07/25 16:43

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

Client Sample ID: T-3 (0-1.0') Lab Sample ID: 880-55391-6

50 mL

50 mL

104906

03/11/25 10:08

СН

1

Date Collected: 03/06/25 00:00 Date Received: 03/07/25 16:43

Analysis

300.0

Soluble

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 MIC
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 Date Received: 03/07/25 16:43

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.01 g 1 uL	10 mL 1 uL	104819 105107	03/09/25 21:05 03/13/25 07:40	EL TKC	EET MID EET MID

Eurofins Midland

Matrix: Solid

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SDG: Lea Co, NM

Client Sample ID: T-3 (1.5')

Date Collected: 03/06/25 00:00 Date Received: 03/07/25 16:43 Lab Sample ID: 880-55391-7

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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')

Date Collected: 03/06/25 00:00

Date Received: 03/07/25 16:43

Lab Sample ID: 880-55391-9

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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')

Date Collected: 03/06/25 00:00

Date Received: 03/07/25 16:43

00/11/20 00:24	011	LLT WILD
Lab Sample	ID:	880-55391-10
		Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

SDG: Lea Co, NM

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

Date Collected: 03/06/25 00:00 Date Received: 03/07/25 16:43 Lab Sample ID: 880-55391-11

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

Date Received: 03/07/25 16:43

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

Date Received: 03/07/25 16:43

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

Date Received: 03/07/25 16:43

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

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Matrix: Solid

Matrix: Solid

Project/Site: Salado Draw 19 CTB and CS

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

Client Sample ID: T-6 (3.0')

Date Collected: 03/06/25 00:00 Date Received: 03/07/25 16:43

Lab Sample ID: 880-55391-14

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

Lab Sample ID: 880-55391-15

Client Sample ID: T-6 (4.0') Date Collected: 03/06/25 00:00 **Matrix: Solid**

Date Received: 03/07/25 16:43

Batch Batch Dil Initial Final Batch Prepared or Analyzed Prep Type Method Amount Amount Number Type Run Factor Analyst Lab 5035 Total/NA Prep 4.95 g 5 mL 104846 03/10/25 09:16 EL **EET MID** Total/NA Analysis 8021B 5 mL 5 mL 104839 03/10/25 19:16 MNR EET MID 1 Total/NA Total BTEX 105035 03/10/25 19:16 Analysis 1 AJ **EET MID** Total/NA Analysis 8015 NM 105225 03/12/25 21:08 EET MID AJ 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 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 СН **EET MID**

Client Sample ID: S-3 5' Lab Sample ID: 880-55391-16

Date Collected: 03/06/25 00:00 Date Received: 03/07/25 16:43

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

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Matrix: Solid

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		am	Identification Number	Expiration Date
Texas	NELA	P	T104704400	06-30-25
	are included in this report, bu	it the laboratory is not certif	fied by the governing authority. This lis	t may include analytes
Analysis Method	Prep Method	Matrix	Analyte	
8015 NM		Solid	Total TPH	
Total BTEX		Solid	Total BTEX	

Method Summary

Client: Carmona Resources

Method

8021B

Total BTEX

8015 NM

8015B NM

8015NM Prep

DI Leach

300.0

5035

Project/Site: Salado Draw 19 CTB and CS

Method Description

Total BTEX Calculation

Volatile Organic Compounds (GC)

Diesel Range Organics (DRO) (GC)

Diesel Range Organics (DRO) (GC)

Deionized Water Leaching Procedure

Anions, Ion Chromatography

Closed System Purge and Trap

Job ID: 880-55391-1

SDG: Lea Co, NM

Protocol	Laboratory
SW846	EET MID
TAL SOP	EET MID
SW846	EET MID
SW846	EET MID
EPA	EET MID

EET MID

EET MID

EET MID

SW846

SW846

ASTM

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

Microextraction

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

Eurofins Midland

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

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

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			×	1 ×	G	×	3/6/2025	1.0')	T-3(4.0')
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			×	1 ×	G	×	3/6/2025	1.0')	T-2(4.0')
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			×	1 ×	G	×	3/6/2025	2.0')	T-2 (2.0')
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			×	1 ×	G	×	3/6/2025	1.0')	T-2 (0-1.0')
Sample Comments			TP	# of Cont	Water Comp C	Time Soil	Date	ntification	Sample Identification
NaOH+Ascorbic Acid: SAPC	No.		H 80		21.	Corrected Temperature:			Total Containers:
Zn Acetate+NaOH: Zn	Zn		_	В		Temperature Reading:	No N/A	als: Yes	Sample Custody Seals:
Na ₂ S ₂ O ₃ : NaSO ₃			_		0.)	Correction Factor:	No NIA	s: Yes	Cooler Custody Seals:
NaHSO₄: NABIS	OLD		RO +	802	821	Thermometer ID:	NO,	(Yes	Received Intact:
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H ₂ S0 ₄ : H ₂ NaOH: Na	H ₂) + N	rs	ed by 4:30pm	lab, if received by 4:30pm			PO #:
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Cool: Cool MeOH: Me	CC)		Normal	Due Date:	Lea Co, NM	Le .	Project Location
None: NO DI Water: H ₂ O	NO			Code	5	✓ Routine	2662		Project Number:
Preservative Codes		ANALYSIS REQUEST			Turn Around		Salado Draw 19 CTB and CS	Salado Dra	Project Name:
Other:	Deliverables: EDD	Delive	.com	aresources	ThielkeA@Carmonaresources.com	Email: T		432-813-8988	Phone:
ST GRRP G Level IV	Reporting:Level III Level III PST/UST	Repo			City, State ZIP:	0	701	Midland, TX 79701	City, State ZIP:
	State of Project:	State		7	Address:	A	Ste. 500	310 West Wall Ste. 500	Address:
elds ☐RRC ☐uperfund ☐	Program: UST/PST PRP Brownfields RRC	Progi			Company Name:	0	urces	Carmona Resources	Company Name:
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880-55391		
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						T-6(4.0')	T-6 (3.0')	T-6 (2.0')	T-6 (1.5')	T-6 (0-1.0	Sample Identifi	Total Containers:	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO #:	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone: 43:	City, State ZIP: Mic	Address: 31	Company Name: Ca	Project Manager: As	
Signature)											cation		Yes No	Yes No	Yes			GP.	Lea	26	Salado Draw	2-813-8988	dland, TX 7970	0 West Wall Ste	rmona Resourc	hton Thielke	
						3/6/2025	3/6/2025	3/6/2025	3/6/2025	3/6/2025	Date		N/A	ΝΆ				J/RP	o, NM	362	19 CTB and			. 500	es		
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Login Sample Receipt Checklist

Client: Carmona Resources

Job Nur

SDG Nu

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	N/A	

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

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Environment Testing

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 <u>Jessica.Kramer@et.eurofinsus.com</u> (432)704-5440 4

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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 Job ID: 880-55494-1 Project/Site: Salado Draw 19 CTB 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.

Glossan

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) EPA recommended "Maximum Contaminant Level" MCL

MDA Minimum Detectable Activity (Radiochemistry) MDC Minimum Detectable Concentration (Radiochemistry) MDL Method Detection Limit

MLMinimum 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 **Quality Control** QC

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 Job ID: 880-55494-1 Project: Salado Draw 19 CTB

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 (880-55494-10), 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 Job ID: 880-55494-1

Project: Salado Draw 19 CTB

Job ID: 880-55494-1 (Continued)

Eurofins Midland

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.

Page 6 of 45

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.

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

Client Sample ID: T-1

Client: Carmona Resources

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

Project/Site: Salado Draw 19 CTB

Sample Depth: 0-1

Lab Sample ID: 880-55494-1

03/17/25 08:14

03/17/25 14:16

Matrix: Solid

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 Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	П	0.00399		mg/Kg			03/11/25 15:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC) Analyte Result Qualifier Analyzed Dil Fac RLMDL Unit Prepared **Total TPH** 3650 49.9 mg/Kg 03/17/25 14:16

Method: SW846 8015B NM - Dies	ei Range Orga	INICS (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

Method: EPA 300.0 - Anions, Ion C	hromatography - Soluble							
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	218	10.1	ma/Ka		-	03/12/25 18:49		

70 - 130

122

Lab Sample ID: 880-55494-2 Client Sample ID: T-1

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

Sample Depth: 1.5

o-Terphenyl

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

Eurofins Midland

Matrix: Solid

Client: Carmona Resources Job ID: 880-55494-1 Project/Site: Salado Draw 19 CTB 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 - Volati	e 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	ma/Ka			03/11/25 15:31	1

Mathada OMO40 0045 NM Disasi Damas Omenica (DDO) (OO	Α.
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC	. 1

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	ma/Ka			03/17/25 13:44	1

Method: SW846 8015B NM - Diesel Range Organics	(DRO)	(GC)	١
motified. Offerto College Ithin Biodol Rungo Organico	(5.10)	, , , , ,	,

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	%Pecovery	Qualifier	l imite				Propared	Analyzod	Dil Fac

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		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 **Matrix: Solid**

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

Sample Depth: 2

Method: SW846 8021B -	M-1-4!1- O	0 (00)

monious criticity could	ino organio compoundo (oc)								
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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Anaiyzea	DII 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

Matrix: Solid

Lab Sample ID: 880-55494-3

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

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

Client Sample ID: T-1

Date Collected: 03/10/25 00:00 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	<50.0	U	50.0		mg/Kg		03/11/25 13:52	03/14/25 14:28	1	
(GRO)-C6-C10	<50.0	11*.	50.0		m = 11/ =		03/11/25 13:52	03/14/25 14:28	4	
Diesel Range Organics (Over C10-C28)	<50.0	0 +	50.0		mg/Kg		03/11/25 13:52	03/14/25 14.26	ı	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		ma/Ka		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 - Vol	latile Organic Comp	ounds (GC)	(1)						
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

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: Carmona Resources Project/Site: Salado Draw 19 CTB Job ID: 880-55494-1

SDG: Lea Co, NM

Client Sample ID: T-1

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

Lab Sample ID: 880-55494-4 Matrix: Solid

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 **Matrix: Solid**

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

Sample Depth: 4

Total BTEX

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: 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 - Di	esel Range Orga	nics (DRO) (GC)						

0.00402

MDL Unit

mg/Kg

Prepared

Analyzed

03/11/25 16:32

Result Qualifier

<0.00402 U

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

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Dil Fac

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

Job ID: 880-55494-1

SDG: Lea Co, NM

Lab Sample ID: 880-55494-6

Matrix: Solid

Date Received: 03/11/25 09:42
Sample Depth: 0-1

Client Sample ID: T-4

Date Collected: 03/10/25 00:00

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 Cald	ulation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Method: SW846 8015 NM - Diese	el Range Organ	ics (DRO) ((3C)						
Method: SW846 8015 NM - Diese Analyte Total TPH	•	Qualifier	RL 49.8	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 03/14/25 15:33	
Analyte Total TPH Method: SW846 8015B NM - Die	Result <49.8 sel Range Organia	Qualifier U	RL 49.8		mg/Kg	=		03/14/25 15:33	1
Analyte Total TPH Method: SW846 8015B NM - Die Analyte	Result <49.8 sel Range Orga Result	Qualifier Unics (DRO) Qualifier	(GC)		mg/Kg	<u>D</u>	Prepared	03/14/25 15:33 Analyzed	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Die: Analyte Gasoline Range Organics	Result <49.8 sel Range Organia	Qualifier Unics (DRO) Qualifier	RL 49.8		mg/Kg	=		03/14/25 15:33	1 Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Die: Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result <49.8 sel Range Orga Result	Qualifier U nics (DRO) Qualifier U	(GC)		mg/Kg	=	Prepared	03/14/25 15:33 Analyzed	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Die: Analyte Gasoline Range Organics (GRO)-C6-C10	Result <49.8 sel Range Orga Result <49.8	Qualifier U nics (DRO) Qualifier U U *+	RL 49.8 (GC) RL 49.8		mg/Kg Unit mg/Kg	=	Prepared 03/11/25 13:52	03/14/25 15:33 Analyzed 03/14/25 15:33	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Die: Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result <49.8 sel Range Orga Result <49.8 <49.8	Qualifier U nics (DRO) Qualifier U U *+	RL 49.8 (GC) RL 49.8 49.8		mg/Kg Unit mg/Kg mg/Kg	=	Prepared 03/11/25 13:52 03/11/25 13:52	03/14/25 15:33 Analyzed 03/14/25 15:33 03/14/25 15:33	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Die: Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	Result <49.8	Qualifier U nics (DRO) Qualifier U U *+	RL 49.8 (GC) RL 49.8 49.8 49.8		mg/Kg Unit mg/Kg mg/Kg	=	Prepared 03/11/25 13:52 03/11/25 13:52 03/11/25 13:52	03/14/25 15:33 Analyzed 03/14/25 15:33 03/14/25 15:33 03/14/25 15:33	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Die: Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate	Result <49.8	Qualifier U nics (DRO) Qualifier U U *+	RL 49.8 (GC) RL 49.8 49.8 49.8 Limits		mg/Kg Unit mg/Kg mg/Kg	=	Prepared 03/11/25 13:52 03/11/25 13:52 03/11/25 13:52 Prepared	03/14/25 15:33 Analyzed 03/14/25 15:33 03/14/25 15:33 03/14/25 15:33 Analyzed	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result <49.8	Qualifier U nics (DRO) Qualifier U U *+ U Qualifier	RL 49.8 (GC) RL 49.8 49.8 49.8 Limits 70 - 130 70 - 130		mg/Kg Unit mg/Kg mg/Kg	=	Prepared 03/11/25 13:52 03/11/25 13:52 03/11/25 13:52 Prepared 03/11/25 13:52	03/14/25 15:33 Analyzed 03/14/25 15:33 03/14/25 15:33 03/14/25 15:33 Analyzed 03/14/25 15:33	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Result <49.8	Qualifier U nics (DRO) Qualifier U U *+ U Qualifier	RL 49.8 (GC) RL 49.8 49.8 49.8 Limits 70 - 130 70 - 130	MDL	mg/Kg Unit mg/Kg mg/Kg	=	Prepared 03/11/25 13:52 03/11/25 13:52 03/11/25 13:52 Prepared 03/11/25 13:52	03/14/25 15:33 Analyzed 03/14/25 15:33 03/14/25 15:33 03/14/25 15:33 Analyzed 03/14/25 15:33	Dil Fac 1 Dil Fac 1 1 Dil Fac 1 Dil Fac

Client Sample ID: T-4

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

Sample Depth: 1.5

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	

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Lab Sample ID: 880-55494-7

Matrix: Solid

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

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

Date Received: 03/11/25 09:42

Client Sample ID: T-4 Lab Sample ID: 880-55494-7 Date Collected: 03/10/25 00:00

Matrix: Solid

Sample Depth: 1.5

Method: SW846 8021B	- Volatile Organic	Compounds	(GC) (Continued)
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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: TAI	SOP Total BTEX	- Total BTFX	Calculation
Mictilou. IAL	- OOI TOTAL DIEA	- IOIGI DIEA	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 - Die	cal Pango Organico (DPO) (CC	Α.
Method. 344046 6013 MM - Die	sei Railye Organics (DRO) (GC	•

Analyte	Result	Qualifier	RL	MDL	Unit	D	F	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

Surrogate	%Recovery Q	Qualifier Lim	its	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 **Matrix: Solid**

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

Sample Depth: 2

ı	Method: SW846 8021B	Valatila Ossasia	O = (OO)

			,						
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 A Diffuorahanzana (Surr)	00		70 120				02/11/25 12:25	02/11/25 17:24	1

Surrogate	%Recovery Qualitier	Limits	Prepared	Anaiyzea	DII 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

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

Client: Carmona Resources Project/Site: Salado Draw 19 CTB Job ID: 880-55494-1

SDG: Lea Co, NM

Lab Sample ID: 880-55494-8

Matrix: Solid

Client Sample ID: T-4

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

Sample Depth: 2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		03/11/25 13:52	03/14/25 16:05	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U *+	50.0		mg/Kg		03/11/25 13:52	03/14/25 16:05	1
C10-C28)									
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	Chromatograp	hy - Solubl	e						
Analyta	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte									

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

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 - 1	Total BTEX Cald	culation							
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 - Diese	el Range Organ	ics (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 - Dies	sel Range Orga	nics (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

Client: Carmona Resources Project/Site: Salado Draw 19 CTB Job ID: 880-55494-1

SDG: Lea Co, NM

Client Sample ID: T-4

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

Lab Sample ID: 880-55494-9 Matrix: Solid

Sample Depth: 3

Method: EPA 300.0 - Anions, Ion Ch	romatograph	y - 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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00200	U	0.00200		mg/Kg		03/11/25 13:35	03/11/25 18:15	
Toluene	<0.00200	U	0.00200		mg/Kg		03/11/25 13:35	03/11/25 18:15	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/11/25 13:35	03/11/25 18:15	
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/11/25 13:35	03/11/25 18:15	
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/11/25 13:35	03/11/25 18:15	
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/11/25 13:35	03/11/25 18:15	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	97		70 - 130				03/11/25 13:35	03/11/25 18:15	
1,4-Difluorobenzene (Surr)	86		70 - 130				03/11/25 13:35	03/11/25 18:15	
Method: TAL SOP Total BTEX - T	otal BTEX Cald	culation							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX Method: SW846 8015 NM - Diese		ics (DRO) (•	MDI	mg/Kg		Propared	03/11/25 18:15	
Total BTEX Method: SW846 8015 NM - Diese	l Range Organ	ics (DRO) (GC)	MDI			Prepared		
Total BTEX Method: SW846 8015 NM - Diese Analyte	l Range Organ	ics (DRO) (MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared	03/11/25 18:15 Analyzed 03/14/25 16:37	Dil Fa
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH	Range Organ Result <49.9	ics (DRO) (Gualifier	GC) RL 49.9	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fa
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese	Range Organ Result <49.9 sel Range Organ	ics (DRO) (Qualifier U	GC) RL 49.9		Unit mg/Kg	_ =		Analyzed 03/14/25 16:37	Dil Fa
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte	Range Organ Result <49.9 sel Range Orga Result	Qualifier Unics (DRO) Qualifier	GC) RL 49.9 (GC) RL		Unit mg/Kg	<u>D</u>	Prepared	Analyzed 03/14/25 16:37 Analyzed	Dil Fa
Total BTEX Method: SW846 8015 NM - Diese Analyte	Range Organ Result <49.9 sel Range Organ	Qualifier Unics (DRO) Qualifier	GC) RL 49.9		Unit mg/Kg	_ =		Analyzed 03/14/25 16:37	Dil Fa
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Range Organ Result <49.9 sel Range Orga Result	ics (DRO) (Outline DRO) Qualifier U nics (DRO) Qualifier U	GC) RL 49.9 (GC) RL		Unit mg/Kg	_ =	Prepared	Analyzed 03/14/25 16:37 Analyzed	Dil Fa
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result Sel Range Organ Result <49.9 Sel Range Organ Result <49.9	ics (DRO) (Qualifier U nics (DRO) Qualifier U U *+	GC) RL 49.9 (GC) RL 49.9 49.9		Unit mg/Kg Unit mg/Kg mg/Kg	_ =	Prepared 03/11/25 13:52 03/11/25 13:52	Analyzed 03/14/25 16:37 Analyzed 03/14/25 16:37 03/14/25 16:37	Dil Fa
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result sel Range Organ Result <49.9 sel Range Organ Result <49.9	ics (DRO) (Qualifier U nics (DRO) Qualifier U U *+	(GC) RL 49.9 (GC) RL 49.9		Unit mg/Kg Unit mg/Kg	_ =	Prepared 03/11/25 13:52	Analyzed 03/14/25 16:37 Analyzed 03/14/25 16:37	Dil Fa
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	Result Sel Range Organ Result <49.9 Sel Range Organ Result <49.9	ics (DRO) (Qualifier U nics (DRO) Qualifier U U *+	GC) RL 49.9 (GC) RL 49.9 49.9		Unit mg/Kg Unit mg/Kg mg/Kg	_ =	Prepared 03/11/25 13:52 03/11/25 13:52	Analyzed 03/14/25 16:37 Analyzed 03/14/25 16:37 03/14/25 16:37	Dil Fa
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10	sel Range Organ Result 49.9 sel Range Orga Result 49.9 <49.9	ics (DRO) (Qualifier U nics (DRO) Qualifier U U *+	GC) RL 49.9 (GC) RL 49.9 49.9 49.9		Unit mg/Kg Unit mg/Kg mg/Kg	_ =	Prepared 03/11/25 13:52 03/11/25 13:52 03/11/25 13:52	Analyzed 03/14/25 16:37 Analyzed 03/14/25 16:37 03/14/25 16:37	Dil Fa

Eurofins Midland

RL

10.0

MDL Unit

mg/Kg

D

Prepared

Result Qualifier

150 F1

Dil Fac

Analyzed 03/12/25 19:53

Analyte

Chloride

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

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

Matrix: Solid

Lab Sample ID: 880-55494-11

Client Sample ID: T-5

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

Sample Depth: 0-1

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

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
Г								

Wethod: Swo46 6015 NW - Diesel R	ange Organi	CS (DRO) (C	3 C)						
Analyte	Result	Qualifier	RL	MDL U	Jnit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	n	ng/Kg			03/14/25 16:53	1

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 C	hromatography - 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 Date Received: 03/11/25 09:42

Sample Depth: 1.5

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

Eurofins Midland

Matrix: Solid

Client: Carmona Resources Project/Site: Salado Draw 19 CTB Job ID: 880-55494-1

Lab Sample ID: 880-55494-12

SDG: Lea Co, NM

Matrix: Solid

Client Sample ID: T-5

Date Collected: 03/10/25 00:00 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

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107	70 - 130	03/11/25 13:5	03/14/25 17:10	1
o-Terphenyl	98	70 - 130	03/11/25 13:5	2 03/14/25 17:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte		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 **Matrix: Solid**

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

Sample Depth: 2

Method: SW846	S 2021R - Volatile	Organic (Compounds	(CC)

Michiga. Offoro COZ ID - Volati	ne organie oomp	ounus (CC)	,						
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

Mothod: TAI	SOP Total RTFY	- Total RTFY	Calculation

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

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

Matrix: Solid

Lab Sample ID: 880-55494-13

03/12/25 20:33

Matrix: Solid

Lab Sample ID: 880-55494-14

Client Sample Results

Client: Carmona Resources

Job ID: 880-55494-1

Project/Site: Salado Draw 19 CTB

SDG: Lea Co, NM

Client Sample ID: T-5

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

Sample Depth: 2

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	Chromatograp	hy - Solubl	e						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

9.98

119

mg/Kg

Client Sample ID: T-5

Date Collected: 03/10/25 00:00

Date Received: 03/11/25 09:42

Sample Depth: 3

Chloride

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 - 1	Total BTEX Cald	culation							
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 - Diese	el Range Organ	ics (DRO) (GC)						
		, , ,							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte Total TPH	Result <49.8		RL 49.8	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 03/14/25 17:43	Dil Fac
Total TPH	<49.8	U	49.8	MDL		<u>D</u>	Prepared		Dil Fac
Total TPH Method: SW846 8015B NM - Dies	<49.8 sel Range Orga	U	49.8	MDL	mg/Kg	<u>D</u>	Prepared Prepared		Dil Fac Dil Fac
	<49.8 sel Range Orga	nics (DRO) Qualifier	49.8 (GC)		mg/Kg			03/14/25 17:43	1
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics	<49.8 sel Range Orga Result	Unics (DRO) Qualifier U	49.8 (GC)		mg/Kg		Prepared	03/14/25 17:43 Analyzed	1 Dil Fac
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<49.8 sel Range Orga Result <49.8	nics (DRO) Qualifier U U *+	49.8 (GC) RL 49.8		mg/Kg Unit mg/Kg		Prepared 03/11/25 13:52	03/14/25 17:43 Analyzed 03/14/25 17:43	Dil Fac
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	<49.8 sel Range Orga Result <49.8 <49.8	nics (DRO) Qualifier U *+	49.8 (GC) RL 49.8 49.8		mg/Kg Unit mg/Kg mg/Kg		Prepared 03/11/25 13:52 03/11/25 13:52	03/14/25 17:43 Analyzed 03/14/25 17:43 03/14/25 17:43	1 Dil Fac 1 1
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	<49.8 sel Range Orga Result <49.8 <49.8 <49.8 <49.8	nics (DRO) Qualifier U *+	49.8 (GC) RL 49.8 49.8 49.8		mg/Kg Unit mg/Kg mg/Kg		Prepared 03/11/25 13:52 03/11/25 13:52 03/11/25 13:52	03/14/25 17:43 Analyzed 03/14/25 17:43 03/14/25 17:43 03/14/25 17:43	1 Dil Fac

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

Client: Carmona Resources

Client Sample ID: T-5

Project/Site: Salado Draw 19 CTB

Lab Sample ID: 880-55494-14

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

Matrix: Solid

Sample Depth: 3

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 **Matrix: Solid**

Date Received: 03/11/25 09:42

Method: TAL SOP Total BTEX - Total BTEX Calculation

Sample Depth: 4

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

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 R	Pange Organ	ics (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
Made ad CW040 0045D NM Discal	D 0	(DDO) (00)						

Method: SW846 8015B NM - Dies	el Range Orga	nics (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

Job ID: 880-55494-1

Project/Site: Salado Draw 19 CTB

SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

		BFB1	DFBZ1	Percent Surrogate Recovery (Acceptance Limit
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-55494-1	T-1	93	93	
880-55494-2	T-1	85	94	
380-55494-3	T-1	91	78	
380-55494-4	T-1	88	95	
380-55494-5	T-1	87	79	
380-55494-6	T-4	88	91	
380-55494-7	T-4	88	95	
380-55494-8	T-4	89	98	
380-55494-9	T-4	94	82	
380-55494-10	T-4	97	86	
380-55494-11	T-5	104	95	
880-55494-12	T-5	108	94	
380-55494-13	T-5	105	87	
380-55494-14	T-5	93	78	
380-55494-15	T-5	117	101	
390-7793-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	
390-7793-A-13-B MSD	Matrix Spike Duplicate	93	132 S1+	
_CS 880-104939/1-A	Lab Control Sample	115	94	
_CS 880-104941/1-A	Lab Control Sample	99	108	
_CSD 880-104939/2-A	Lab Control Sample Dup	105	86	
_CSD 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

				Percent Surrogate Recovery (Accept
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(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	

Surrogate Summary

Client: Carmona Resources

Job ID: 880-55494-1

Project/Site: Salado Draw 19 CTB

SDG: Lea Co, NM

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

Matrix: Solid Prep Type: Total/NA

		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(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	

TCO = 1-Chiorooctane

OTPH = o-Terphenyl

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

Lab Sample ID: LCS 880-104939/1-A

Matrix: Solid

Analysis Batch: 104948

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 104939

					Prep Ba
MB					
Qualifier	RL	MDL Unit	D	Prepared	Analyzed

Analyte	Result	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

MB MB

ΜВ

Surrogate	%Recovery 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

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Matrix: Solid Prep Batch: 104939 Analysis Batch: 104948

	Spike	LC3	LUS				/orec	
Analyte	Added	Result	Qualifier	Unit	D	%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	

LCS LCS

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

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Lab Sample ID: LCSD 880-104939/2-A

Analysis Batch: 104948

Analyte

Prep Batch: 104939 LCSD LCSD RPD Spike %Rec Added Result Qualifier Unit %Rec Limits Limit 0.100 0.09370 mg/Kg 94 70 - 130 13 35

Benzene Toluene 0.100 0.09332 mg/Kg 93 70 - 130 3 35 Ethylbenzene 0.100 0.1138 mg/Kg 114 70 - 130 0 35 0.200 m-Xylene & p-Xylene 0.2094 mg/Kg 105 70 - 130 35 0.100 0.1033 103 o-Xylene mg/Kg 70 - 130 35

LCSD LCSD

Surrogate	%Recovery	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

Prep Type: Total/NA

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%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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Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

QC Sample Results

Job ID: 880-55494-1 Client: Carmona Resources Project/Site: Salado Draw 19 CTB 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

Sample Sample Spike MS MS %Rec Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Ethylbenzene <0.00200 U F1 0.100 0.05936 F1 59 70 - 130 mg/Kg m-Xylene & p-Xylene < 0.00399 UF1 0.200 0.1179 F1 mg/Kg 59 70 - 130 0.05625 F1 <0.00200 UF1 0.100 56 70 - 130 o-Xylene mg/Kg

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

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

Matrix: Solid Analysis Batch: 104948

Prep Batch: 104939 Sample Sample Spike MSD MSD %Rec RPD Result Qualifier Result Qualifier RPD Limit Analyte babbA %Rec Limits Unit Benzene <0.00200 U F1 0.100 0.08339 mg/Kg 83 70 - 130 20 35 Toluene <0.00200 UF1 0.100 0.07339 mg/Kg 73 70 - 130 19 35 Ethylbenzene <0.00200 UF1 0.100 0.08113 81 70 - 130 31 35 mg/Kg 75 35 m-Xylene & p-Xylene < 0.00399 UF1 0.200 0.1499 mg/Kg 70 - 130 24 0.100 0.07372 74 70 - 130 27 o-Xylene <0.00200 UF1 mg/Kg

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

Lab Sample ID: MB 880-104941/5-A					Client Sa	mple ID: Metho	d Blank
Matrix: Solid						Prep Type:	Total/NA
Analysis Batch: 104944						Prep Batch	: 104941
	MB	MB					
		0 110	 	 _			B.: E

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
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	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
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

MR MR

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

Matrix: Solid Analysis Batch: 104944								e: Total/NA ch: 104941
	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
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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Client Sample ID: Lab Control Sample

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QC Sample Results

Client: Carmona Resources Job ID: 880-55494-1 SDG: Lea Co, NM Project/Site: Salado Draw 19 CTB

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

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**

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

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

Lab Sample ID: LCSD 880-104941/2-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid Prep Type: Total/NA Analysis Batch: 104944 **Prep Batch: 104941**

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

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

Lab Sample ID: 890-7793-A-13-A MS Client Sample ID: Matrix Spike **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 104944 **Prep Batch: 104941**

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

0-Aylerie	\0.00200	011	0.100	0.07020	mg/rxg	70
	MS	MS				
Surrogate	%Recovery	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 Client Sample ID: Matrix Spike Duplicate

Matrix: Solid Prep Type: Total/NA Analysis Batch: 104944 **Prep Batch: 104941**

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

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

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
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

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

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
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

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

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
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

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	1000	1114		mg/Kg		111	70 - 130	3	20
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	1358	*+	mg/Kg		136	70 - 130	10	20
C40 C20)									

C10-C28)

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

Lab Sample ID: 880-55488-A-1-C MS

Lab Sample ID: 880-55488-A-1-D MSD

QC Sample Results

Client: Carmona Resources Job ID: 880-55494-1 Project/Site: Salado Draw 19 CTB SDG: Lea Co, NM

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

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 105048

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	<50.0	U	997	1038		mg/Kg		104	70 - 130	
(GRO)-C6-C10										
Diesel Range Organics (Over	<50.0	U *+	997	1175		mg/Kg		118	70 - 130	
C10-C28)										

Matrix: Solid

Analysis Batch: 105295

Matrix: Solid

Analysis Batch: 105295

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	92		70 - 130
o-Terphenyl	98		70 - 130

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 105048

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	<50.0	U	997	1139		mg/Kg		114	70 - 130	9	20
(GRO)-C6-C10											
Diesel Range Organics (Over	<50.0	U *+	997	1211		mg/Kg		121	70 - 130	3	20
C10-C28)											

MSD MSD

Surrogate	%Recovery Qualifier	Limits
1-Chlorooctane	117	70 - 130
o-Terphenyl	99	70 - 130

Lab Sample ID: MB 880-105105/1-A

Matrix: Solid Analysis Batch: 105121

MR MR

Client Sample ID: Method Blank

Prep Type: Total/NA **Prep Batch: 105105**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/12/25 08:44	03/13/25 09:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/12/25 08:44	03/13/25 09:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/12/25 08:44	03/13/25 09:57	1

MB MB Limits Dil Fac Surrogate %Recovery Qualifier Prepared Analyzed 70 - 130 03/12/25 08:44 03/13/25 09:57 1-Chlorooctane 103 99 70 - 130 03/12/25 08:44 03/13/25 09:57 o-Terphenyl

Lab Sample ID: LCS 880-105105/2-A **Client Sample ID: Lab Control Sample Matrix: Solid**

Analysis Batch: 105121

Diesel Range Organics (Over

Analysis Batch: 105121							Prep	Batch: 105105
	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	952.7		mg/Kg		95	70 - 130	
(GRO)-C6-C10								

952.9

mq/Kq

1000

C10-C28)

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Prep Type: Total/NA

70 - 130

Job ID: 880-55494-1 Project/Site: Salado Draw 19 CTB SDG: Lea Co, NM

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

LCS LCS

Lab Sample ID: LCS 880-105105/2-A

Matrix: Solid

Analysis Batch: 105121

Client: Carmona Resources

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 105105

Surrogate

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

Lab Sample ID: LCSD 880-105105/3-A Client Sample ID: Lab Control Sample Dup

Limits

Analysis Batch: 105121

Matrix: Solid Prep Type: Total/NA

Prep Batch: 105105 %Rec RPD

Spike LCSD LCSD Analyte Added Result Qualifier Unit D %Rec Limits **RPD** Limit 1000 946.2 95 70 - 13020 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 927.9 93 mg/Kg 70 - 1303 20 C10-C28)

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits		
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

	Sample	Sample	Spike	IVIS	M2				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	<49.7	U	996	1075		mg/Kg		108	70 - 130	
(GRO)-C6-C10										
Diesel Range Organics (Over	<49.7	U	996	971.5		mg/Kg		98	70 - 130	
C10-C28)										

C10-C28)

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

Lab Sample ID: 880-55494-15 MSD Client Sample ID: T-5 **Matrix: Solid**

Prep Type: Total/NA **Prep Batch: 105105**

Analysis Batch: 105121

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

C10-C28)

MSD MSD

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

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

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		03/17/25 08:14	03/17/25 10:21	1
(GRO)-C6-C10 Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		03/17/25 08:14	03/17/25 10:21	1
C10-C28) Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/17/25 08:14	03/17/25 10:21	1
Cirriange organies (croi ozo coo)			00.0		9/. 19		00/11/20 00111	00/11/20 10:21	
	MB	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
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

	Spike	LCS I	LCS				%Rec	
Analyte	Added	Result (Qualifier	Unit	D	%Rec	Limits	
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	

LCS LCS %Recovery Qualifier Limits Surrogate 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

Spike LCSD LCSD RPD %Rec Added Limit Analyte Result Qualifier %Rec Limits **RPD** Unit Gasoline Range Organics 1000 838.0 mg/Kg 84 70 - 130 20 (GRO)-C6-C10 Diesel Range Organics (Over 1000 839.3 mg/Kg 84 70 - 130 20 C10-C28)

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	112		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: 890-7811-A-1-E MS

Matrix: Solid

Analysis Batch: 105392

Prep Type: Total/NA

Prep Batch: 105359

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

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

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

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

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

MS MS Surrogate %Recovery Qualifier Limits 1-Chlorooctane 117 70 - 130 o-Terphenyl 123 70 - 130

Lab Sample ID: 890-7811-A-1-F MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Analysis Batch: 105392

Prep Type: Total/NA

Prep Batch: 105359

Sample Sample Spike MSD MSD %Rec RPD Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits RPD Limit <49.7 U F2 997 881.7 F2 88 70 - 130196 20 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <49.7 U F2 F1 997 907.6 F2 mg/Kg 89 70 - 130196 20 C10-C28)

MSD MSD

%Recovery Surrogate Qualifier Limits S1+ 70 - 130 1-Chlorooctane 141 124 70 - 130 o-Terphenyl

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-105113/1-A Client Sample ID: Method Blank **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 105124

мв мв

Analyte Result Qualifier RL MDL Dil Fac Unit D Prepared Analyzed 10.0 Chloride <10.0 U mg/Kg 03/12/25 18:15

Lab Sample ID: LCS 880-105113/2-A Client Sample ID: Lab Control Sample **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 105124

Spike LCS LCS %Rec Added Analyte Result Qualifier Unit D %Rec Limits Chloride 250 263.7 mg/Kg 105 90 - 110

Lab Sample ID: LCSD 880-105113/3-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 105124

Spike LCSD LCSD %Rec RPD Added Analyte Result Qualifier Unit D %Rec Limits RPD Limit Chloride 250 263.8 106 90 - 110 20 mg/Kg

Lab Sample ID: 880-55494-10 MS Client Sample ID: T-4 **Matrix: Solid**

Analysis Batch: 105124

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

Sample Sample Spike MS MS %Rec Analyte Result Qualifier Added Result Qualifier %Rec Limits Unit F1 Chloride 150 251 466.8 F1 mg/Kg 127 90 - 110

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Prep Type: Soluble

Prep Type: Soluble

QC Sample Results

Client: Carmona Resources

Job ID: 880-55494-1

Project/Site: Salado Draw 19 CTB

SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-55494-10 MSD

Matrix: Solid

Client Sample ID: T-4
Prep Type: Soluble

Analysis Batch: 105124

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	150	F1	251	467.3	F1	mg/Kg		127	90 - 110	0	20

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Client: Carmona Resources Job ID: 880-55494-1 Project/Site: Salado Draw 19 CTB 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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Client: Carmona Resources Job ID: 880-55494-1 Project/Site: Salado Draw 19 CTB 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 Batc
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	

Client: Carmona Resources Job ID: 880-55494-1 Project/Site: Salado Draw 19 CTB 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	

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 Batc
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

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Client: Carmona Resources

Job ID: 880-55494-1

Project/Site: Salado Draw 19 CTB

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		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

Client: Carmona Resources Project/Site: Salado Draw 19 CTB Job ID: 880-55494-1 SDG: Lea Co, NM

Client Sample ID: T-1

Date Collected: 03/10/25 00:00 Date Received: 03/11/25 09:42 Lab Sample ID: 880-55494-1

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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 Date Received: 03/11/25 09:42

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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 Date Received: 03/11/25 09:42

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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 Date Received: 03/11/25 09:42

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

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Matrix: Solid

Matrix: Solid

Client Sample ID: T-1

Client: Carmona Resources

Project/Site: Salado Draw 19 CTB

Date Received: 03/11/25 09:42

Lab Sample ID: 880-55494-4 Date Collected: 03/10/25 00:00

Matrix: Solid

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 Date Received: 03/11/25 09:42

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

Lab Sample ID: 880-55494-7 Client Sample ID: T-4

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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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 Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.02 g 1 uL	10 mL 1 uL	105048 105295	03/11/25 13:52 03/14/25 15:48	EL TKC	EET MID EET MID

Eurofins Midland

Matrix: Solid

Job ID: 880-55494-1

SDG: Lea Co, NM

Client Sample ID: T-4

Client Sample ID: T-4

Date Collected: 03/10/25 00:00

Date Received: 03/11/25 09:42

Client: Carmona Resources

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

Project/Site: Salado Draw 19 CTB

Lab Sample ID: 880-55494-7

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

Lab Sample ID: 880-55494-8

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

Date Collected: 03/10/25 00:00 Date Received: 03/11/25 09:42 Lab Sample ID: 880-55494-9

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

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

Lab Sample ID: 880-55494-10

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

Job ID: 880-55494-1

SDG: Lea Co, NM

Client Sample ID: T-5

Client: Carmona Resources

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

Project/Site: Salado Draw 19 CTB

Lab Sample ID: 880-55494-11

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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 Date Received: 03/11/25 09:42

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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 **Matrix: Solid**

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

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

Date Received: 03/11/25 09:42

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

Matrix: Solid

Job ID: 880-55494-1

SDG: Lea Co, NM

Client Sample ID: T-5

Client: Carmona Resources

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

Project/Site: Salado Draw 19 CTB

Lab Sample ID: 880-55494-14

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

Lab Sample ID: 880-55494-15

Matrix: Solid

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

Client Sample ID: T-5

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

Job ID: 880-55494-1

Project/Site: Salado Draw 19 CTB

SDG: Lea Co, NM

Laboratory: Eurofins Midland

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

Authority	Progra	m	Identification Number	Expiration Date
Texas	NELAF)	T104704400	06-30-25
,		t the laboratory is not certif	ied by the governing authority. This lis	t may include analytes
for which the agency	does not offer certification.			
Analysis Method	does not offer certification. Prep Method	Matrix	Analyte	
,		Matrix Solid	Analyte Total TPH	

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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

880-55494 Chain of Custody	Page1_ of	Work Order Comments	Program: UST/PST Prownfields RC Perfund		Clevel III	OD ADAPT Other:	Preservative Codes	None: NO DI Water: H ₂ O	-	HCL: HC HNO3: HN H>SO4: H2 NaOH: Na	•	D NaHSO4: NABIS		Zn Acetate+NaOH: Zn	NaOH+Ascorbic Acid: SAPC	Sample Comments												Received by: (Signature) Date/Time		
		9	Program: UST/P	State of Project:	Reporting:Level II Level III	Deliverables: EDD	ANALYSIS REQUEST																				ehring@carmonaresources.com and mcarmona@carmonaresources.com	Relinquished by: (Signature) Rec		
		Carmona Resources				sources.com			(c	9M +	ова	+0	TEX (GR	MSI	∙08 H		× ×	× ×	× ×	×	× ×	×	×	×	\dashv	× ×	naresources.com ar	Date/Time	NS 0422	4
		Bill to: (if different)	Company Name:	Address:	City, State ZIP:	Email: ThielkeA@Carmonaresources.com	Turn Around	□ Rush Code	Normal	S	Yes No	T S I	P. C	-10.0	1.01-	Depth Grab/ # of Cont	0-1 Grab 1	1.5 Grab 1	2 Grab 1	3 Grab 1	4 Grab 1		1.5 Grab 1		3 Grab 1	4 Grab 1	o cmoehring@carmo	(e	3 (1	
						Email:	Turn	Z Routine	Due Date:	Τ	Yes (No) Wet Ice:	Thermometer ID:	Correction Factor:	Temperature Reading:	Corrected Temperature:	Time Soil	×	×	×	×	×	×	×	×	×	×	Please send results to cmo	Received by: (Signature)		2
		Ashton Thielke	Carmona Resources	310 West Wall Ste. 500	Midland, TX 79701	432-813-8988	Salado Draw 19 CTB	2662	Lea Co, NM	2	Temp Blank:		NA	Yes No (N/A) To)	Date	3/10/2025	3/10/2025	3/10/2025	3/10/2025	3/10/2025	3/10/2025	3/10/2025	3/10/2025	3/10/2025	3/10/2025			7	1
		Project Manager. Ashton	Carmor Name:		City, State ZIP: Midland		Project Name:	Project Number:	Project Location	Samplers Name: PO #:	SAMPLE RECEIPT	Received Intact:	Cooler Custody Seals:	Sample Custody Seals:	Total Containers:	Sample Identification	T-1	T-1	T-1	T-1	T-1	T-4	T-4	T-4	T-4	T-4		Relinquished by: (Signature)		

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Chain of Custody

Work Order No:

Project Manager:	Ashton Thielke			Bill to: (if different)	Û	Carmon	Carmona Resources	ses			Work Or	Work Order Comments	ents	
Company Name:	Carmona Resources			Company Name	je.					Program: UST/PST PRP	PST PRP	□ rownfields □ RRC	RC Diperfund	
Address:	310 West Wall Ste. 500			Address:						State of Project:	ot:			
City, State ZIP:	Midland, TX 79701			City, State ZIP:						Reporting:Leve	Reporting:Level II DLevel III	□\st/ust □	□RRP □Level IV	
Phone:	432-813-8988		Email:	Email: ThielkeA@Carmonaresources.com	armonareso	urces.cc	E			Deliverables: EDD		ADaPT 🗆	Other.	
Project Name:	Salado Draw 19 CTB	В	Turn	Turn Around				A	ANALYSIS REQUEST	QUEST		Pre	Preservative Codes	
Project Number:	2662		☑ Routine	□ Rush	Pres. Code							None: NO	DI Water: H ₂ O	20
Project Location	Lea Co, NM		Due Date:	Normal								Cool: Cool	MeOH: Me	
Sampler's Name:	RP						(O)					HCL: HC		
PO #:					Le		Al & 4					H ₂ S0 ₄ : H ₂	NaOH: Na	
SAMPLE RECEIPT	:IPT Temp Blank:	Yes No	Wet Ice:	Yes No	əşəu	_	-					H ₃ PO₄: HP	۵	
Received Intact:	Yes No	Thermometer ID:	ter ID:		ran		-						NABIS	
Cooler Custody Seals:	Ye	Correction Factor:	Factor:		e4	LEX	Dinol					P Na ₂ S ₂ O ₃ : NaSO ₃	NaSO ₃	
Sample Custody Seals:	als: Yes No N/A	Temperatu	Temperature Reading:									Zn Acetat	Zn Acetate+NaOH: Zn	
Total Containers:		Corrected	Corrected Temperature:				1.00					NaOH+As	NaOH+Ascorbic Acid: SAPC	
Sample Identification	ntification Date	Time	Soil	Depth Grab/	ib/ # of np Cont		U.41					San	Sample Comments	
T-5	5 3/10/2025		×	0-1 Grab	- d	×	×							T
T-5	5 3/10/2025		×	1.5 Grab	1 1	×	×							Γ
T-5	5 3/10/2025		×	2 Grab	ab 1	×	×							
T-5	5 3/10/2025		×	3 Grab	ab 1	×	×							T
T-5	5 3/10/2025		×	4 Grab	di 1	×	×							Ι
							_							l
					-									
		Please s	end results	to cmoehring)@carmon	aresour	es.com	and mcarmo	na@carmon.	Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com	E			
Relinquished by: (Signature)	y: (Signature)	Received	Received by: (Signature)	re)	_	Date/Time	0	Relinquish	Relinquished by: (Signature)		Received by: (Signature)	nature)	Date/Time	
	2	1	η		3/11	0	7 /	2						Γ
3		2						4						
9		7						9						
												Ä	Revised Date 05012020 Rev. 2020.1	020.1

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

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 <u>Jessica.Kramer@et.eurofinsus.com</u> (432)704-5440 10

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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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3/14/2025

Definitions/Glossary

Client: Carmona Resources Job ID: 880-55392-1 Project/Site: Salado Crew 19 CTB and CS 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. 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.
LIDL C/IC	

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

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

MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit

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

/)

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 Job ID: 880-55392-1

Project: Salado Crew 19 CTB and CS

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, reextraction 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 Job ID: 880-55392-1

Project: Salado Crew 19 CTB and CS

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

SDG: Lea Co, NM

Job ID: 880-55392-1

Client Sample ID: H-1 (0-0.5')

Date Collected: 03/06/25 00:00 Date Received: 03/07/25 16:43

Lab Sample ID: 880-55392-1

Matrix: Solid

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)			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 Cald	culation							
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 - Diese	el Range Organ	ics (DRO) (GC)						
Method: SW846 8015 NM - Diese Analyte	•	ics (DRO) (Qualifier	GC)	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	•	Qualifier	•	MDL		<u>D</u>	Prepared		Dil Fac
Analyte Total TPH	Result <50.0	Qualifier U	RL 50.0	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Die	Result <50.0 sel Range Orga	Qualifier U	RL 50.0		Unit	<u>D</u>		Analyzed 03/12/25 21:23	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Die Analyte	Result <50.0 sel Range Orga	Qualifier Unics (DRO) Qualifier	RL 50.0		Unit mg/Kg		Prepared 03/09/25 21:07	Analyzed	1
Analyte Total TPH Method: SW846 8015B NM - Die	Result <50.0 sel Range Orga	Qualifier Unics (DRO) Qualifier	RL 50.0		Unit mg/Kg		Prepared	Analyzed 03/12/25 21:23 Analyzed	1 Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics	Result <50.0 sel Range Orga	Qualifier U unics (DRO) Qualifier U	RL 50.0		Unit mg/Kg		Prepared	Analyzed 03/12/25 21:23 Analyzed	1 Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result	Qualifier U unics (DRO) Qualifier U	RL 50.0 (GC) RL 50.0 50.0		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 03/09/25 21:07	Analyzed 03/12/25 21:23 Analyzed 03/12/25 21:23 03/12/25 21:23	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result <50.0 Sel Range Orga Result <50.0	Qualifier U unics (DRO) Qualifier U	RL 50.0		Unit mg/Kg Unit mg/Kg		Prepared 03/09/25 21:07	Analyzed 03/12/25 21:23 Analyzed 03/12/25 21:23	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate	Result	Qualifier U unics (DRO) Qualifier U U	RL 50.0		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 03/09/25 21:07 03/09/25 21:07 03/09/25 21:07 Prepared	Analyzed 03/12/25 21:23 Analyzed 03/12/25 21:23 03/12/25 21:23 03/12/25 21:23 Analyzed	1 Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	Result	Qualifier U unics (DRO) Qualifier U U	RL 50.0 (GC) RL 50.0 50.0 50.0		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 03/09/25 21:07 03/09/25 21:07	Analyzed 03/12/25 21:23 Analyzed 03/12/25 21:23 03/12/25 21:23 03/12/25 21:23	1 Dil Fac 1 1
Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate	Result	Qualifier U unics (DRO) Qualifier U U	RL 50.0		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 03/09/25 21:07 03/09/25 21:07 03/09/25 21:07 Prepared	Analyzed 03/12/25 21:23 Analyzed 03/12/25 21:23 03/12/25 21:23 03/12/25 21:23 Analyzed	Dil Fac 1 1 Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result	Qualifier U Inics (DRO) Qualifier U U Qualifier	RL 50.0 (GC) RL 50.0 50.0 50.0 Limits 70 - 130 70 - 130		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 03/09/25 21:07 03/09/25 21:07 03/09/25 21:07 Prepared 03/09/25 21:07	Analyzed 03/12/25 21:23 Analyzed 03/12/25 21:23 03/12/25 21:23 Analyzed 03/12/25 21:23	1 Dil Fac 1 1 1 1 Dil Fac 7
Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Result	Qualifier U Inics (DRO) Qualifier U U Qualifier	RL 50.0 (GC) RL 50.0 50.0 50.0 Limits 70 - 130 70 - 130	MDL	Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 03/09/25 21:07 03/09/25 21:07 03/09/25 21:07 Prepared 03/09/25 21:07	Analyzed 03/12/25 21:23 Analyzed 03/12/25 21:23 03/12/25 21:23 Analyzed 03/12/25 21:23	1 Dil Fac 1 1 1 1 Dil Fac 7

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) Result Qualifier Analyte MDL Unit D Dil Fac RL Prepared Analyzed Benzene <0.00200 U 0.00200 mg/Kg 03/10/25 09:23 03/10/25 13:32 Toluene 03/10/25 13:32 <0.00200 U 0.00200 mg/Kg 03/10/25 09:23 Ethylbenzene <0.00200 U 0.00200 mg/Kg 03/10/25 09:23 03/10/25 13:32 m-Xylene & p-Xylene <0.00401 U 0.00401 mg/Kg 03/10/25 09:23 03/10/25 13:32 o-Xylene <0.00200 U 0.00200 mg/Kg 03/10/25 09:23 03/10/25 13:32 <0.00401 U 0.00401 03/10/25 09:23 03/10/25 13:32 Xylenes, Total mg/Kg %Recovery Qualifier Limits Surrogate Prepared Analyzed Dil Fac 106 70 - 130 03/10/25 09:23 03/10/25 13:32 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) 96 70 - 130 03/10/25 09:23 03/10/25 13:32

Client Sample Results

Client: Carmona Resources

Project/Site: Salado Crew 19 CTB and CS

Job ID: 880-55392-1

SDG: Lea Co, NM

Lab Sample ID: 880-55392-2

03/11/25 07:37

Matrix: Solid

Client Sample ID: H-2 (0-0.5') Date Collected: 03/06/25 00:00

Date Received: 03/07/25 16:43

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 Organ	ics (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 - Dies Analyte		nics (DRO) Qualifier	(GC)	MDL	Unit	D	Prepared	Analyzed	Dil Fac
			• •	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8		49.8		mg/Kg		03/10/25 11:30	03/13/25 18:11	'
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	Chromatogran	hv - Solubl	e						
Analyte	• •	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

9.94

mg/Kg

Client Sample ID: H-3 (0-0.5') Lab Sample ID: 880-55392-3 Date Collected: 03/06/25 00:00 **Matrix: Solid**

<9.94 U

Date Received: 03/07/25 16:43

Chloride

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00200	U	0.00200		mg/Kg		03/10/25 09:23	03/10/25 13:53	
Toluene	<0.00200	U	0.00200		mg/Kg		03/10/25 09:23	03/10/25 13:53	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/10/25 09:23	03/10/25 13:53	
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/10/25 09:23	03/10/25 13:53	
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/10/25 09:23	03/10/25 13:53	
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/10/25 09:23	03/10/25 13:53	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)			70 - 130				03/10/25 09:23	03/10/25 13:53	
4.4.0%	95		70 - 130				03/10/25 09:23	03/10/25 13:53	
1,4-Difluorobenzene (Surr) Method: TAL SOP Total BTEX Analyte	- Total BTEX Cald			MDL	Unit	D			
Method: TAL SOP Total BTEX	- Total BTEX Cald								
	- Total BTEX Cald	Qualifier	RL	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 03/10/25 13:53	Dil Fac
Method: TAL SOP Total BTEX Analyte	- Total BTEX Calc Result <0.00399	Qualifier U	RL 0.00399	MDL		<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX	- Total BTEX Calc Result <0.00399 esel Range Organ	Qualifier U	RL 0.00399			<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die	- Total BTEX Calc Result <0.00399 esel Range Organ	Qualifier U ics (DRO) (Qualifier	RL 0.00399		mg/Kg		Prepared	Analyzed 03/10/25 13:53	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte	- Total BTEX Calc Result <0.00399 esel Range Organ Result <49.8	Qualifier U ics (DRO) (Qualifier U	RL 0.00399 GC) RL 49.8		mg/Kg		Prepared	Analyzed 03/10/25 13:53	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH	- Total BTEX Calc Result <0.00399 esel Range Organ Result <49.8	Qualifier U ics (DRO) (Qualifier U	RL 0.00399 GC) RL 49.8		mg/Kg Unit mg/Kg		Prepared	Analyzed 03/10/25 13:53	Dil Fa
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D	- Total BTEX Calc Result <0.00399 esel Range Organ Result <49.8	Qualifier U ics (DRO) (Qualifier U nics (DRO) Qualifier	RL 0.00399 GC) RL 49.8	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 03/10/25 13:53 Analyzed 03/12/25 21:52	Dil Fa
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics	- Total BTEX Calc Result <0.00399 esel Range Organ Result <49.8 diesel Range Orga Result	Qualifier U ics (DRO) (Qualifier U nics (DRO) Qualifier U	RL 0.00399 GC) RL 49.8 (GC) RL	MDL	mg/Kg Unit mg/Kg Unit	<u>D</u>	Prepared Prepared	Analyzed 03/10/25 13:53 Analyzed 03/12/25 21:52 Analyzed	Dil Fa

Project/Site: Salado Crew 19 CTB and CS

SDG: Lea Co, NM

Job ID: 880-55392-1

Lab Sample ID: 880-55392-3

Matrix: Solid

Client Sample ID: H-3 (0-0.5') Date Collected: 03/06/25 00:00

Date Received: 03/07/25 16:43

Method: SW846 8015B NM - Diese	el Range Orga	nics (DRO)	(GC) (Continu	ied)					
Analyte	Result	Qualifier	RL	MDL U	Jnit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	n	ng/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

Method: EPA 300.0 - Anions, Ion Ch	romatograp	hy - 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')

Date Collected: 03/06/25 00:00 Date Received: 03/07/25 16:43

Lab Sample ID: 880-55392-4

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC) Result Qualifier Dil Fac Analyte MDL Unit Prepared Analyzed Benzene <0.00198 U 0.00198 03/10/25 09:23 03/10/25 14:13 mg/Kg Toluene <0.00198 U 0.00198 03/10/25 09:23 03/10/25 14:13 mg/Kg Ethylbenzene <0.00198 U 0.00198 mg/Kg 03/10/25 09:23 03/10/25 14:13 m-Xylene & p-Xylene 03/10/25 09:23 03/10/25 14:13 <0.00396 U 0.00396 mg/Kg o-Xylene <0.00198 U 0.00198 mg/Kg 03/10/25 09:23 03/10/25 14:13 <0.00396 U Xylenes, Total 0.00396 mg/Kg 03/10/25 09:23 03/10/25 14:13

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 - Tot	tal BTEX Cald	culation							
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	e Organ	ics (DRO) (G	C)					
	Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
l	Total TPH	<49.9	U	49.9	mg/Kg			03/13/25 18:27	1

_ _					0 0				
Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		03/10/25 11:30	03/13/25 18:27	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U *+	49.9		mg/Kg		03/10/25 11:30	03/13/25 18:27	1
C10-C28)									
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 C	hromatograp	hy - Solubl	е						
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

Client Sample Results

Client: Carmona Resources

Project/Site: Salado Crew 19 CTB and CS

SDG: Lea Co, NM

Job ID: 880-55392-1

Client Sample ID: H-5 (0-0.5')

Date Collected: 03/06/25 00:00 Date Received: 03/07/25 16:43 Lab Sample ID: 880-55392-5

Matrix: Solid

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 Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
T-4-LDTCV	<0.00398	П	0.00398		mg/Kg			03/10/25 14:33	
Total BTEX Method: SW846 8015 NM - Diese					mg/Kg			03/10/23 14.33	'
- -	el Range Organ			MDL	Unit	D	Prepared	Analyzed	Dil Fac
Method: SW846 8015 NM - Diese	el Range Organ	ics (DRO) (GC)	MDL		<u>D</u>	Prepared		Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH	el Range Organ Result <50.0	ics (DRO) (Gualifier	GC) RL 50.0	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH	el Range Organ Result <50.0 sel Range Organ	ics (DRO) (Gualifier	GC) RL 50.0		Unit	<u>D</u>	Prepared Prepared	Analyzed	1
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Die Analyte	el Range Organ Result <50.0 sel Range Organ	Qualifier Unics (DRO) Qualifier	GC) RL 50.0		Unit mg/Kg			Analyzed 03/12/25 22:22	1
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Die	el Range Organ Result <50.0 sel Range Orga Result	Qualifier Unics (DRO) Qualifier	GC) RL 50.0		Unit mg/Kg		Prepared	Analyzed 03/12/25 22:22 Analyzed	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics	el Range Organ Result <50.0 sel Range Orga Result	Qualifier U nics (DRO) Qualifier U u	GC) RL 50.0		Unit mg/Kg		Prepared	Analyzed 03/12/25 22:22 Analyzed	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	el Range Organ Result <50.0 sel Range Orga Result <50.0 <50.0	ics (DRO) (Qualifier U nics (DRO) Qualifier U	GC) RL 50.0 (GC) RL 50.0 50.0		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 03/09/25 21:07	Analyzed 03/12/25 22:22 Analyzed 03/12/25 22:22 03/12/25 22:22	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	el Range Organ Result <50.0 sel Range Orga Result <50.0	ics (DRO) (Qualifier U nics (DRO) Qualifier U	GC) RL 50.0 (GC) RL 50.0		Unit mg/Kg Unit mg/Kg		Prepared 03/09/25 21:07	Analyzed 03/12/25 22:22 Analyzed 03/12/25 22:22	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	el Range Organ Result <50.0 sel Range Orga Result <50.0 <50.0 <50.0 %Recovery	Company of the compan	GC) RL 50.0 (GC) RL 50.0 50.0		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 03/09/25 21:07	Analyzed 03/12/25 22:22 Analyzed 03/12/25 22:22 03/12/25 22:22 03/12/25 22:22 Analyzed	1 Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	el Range Organ Result <50.0 sel Range Orga Result <50.0 <50.0 <50.0	Company (Company) (Company	GC) RL 50.0 (GC) RL 50.0 50.0		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 03/09/25 21:07 03/09/25 21:07	Analyzed 03/12/25 22:22 Analyzed 03/12/25 22:22 03/12/25 22:22 03/12/25 22:22	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate	el Range Organ Result <50.0 sel Range Orga Result <50.0 <50.0 <50.0 %Recovery	Company (Company) (Company	GC) RL 50.0 (GC) RL 50.0 50.0 50.0 Limits		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 03/09/25 21:07 03/09/25 21:07 03/09/25 21:07 Prepared	Analyzed 03/12/25 22:22 Analyzed 03/12/25 22:22 03/12/25 22:22 03/12/25 22:22 Analyzed	Dil Fac
Method: SW846 8015 NM - Dieso Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	el Range Organ	ics (DRO) (Qualifier U nics (DRO) Qualifier U U Qualifier	GC) RL 50.0 (GC) RL 50.0 50.0 50.0 Limits 70 - 130 70 - 130		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 03/09/25 21:07 03/09/25 21:07 03/09/25 21:07 Prepared 03/09/25 21:07	Analyzed 03/12/25 22:22 Analyzed 03/12/25 22:22 03/12/25 22:22 Analyzed 03/12/25 22:22	1 1 Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	el Range Organ Result <50.0 sel Range Orga Result <50.0 <50.0 <50.0 <%Recovery 73 74 n Chromatograp	ics (DRO) (Qualifier U nics (DRO) Qualifier U U Qualifier	GC) RL 50.0 (GC) RL 50.0 50.0 50.0 Limits 70 - 130 70 - 130		Unit mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 03/09/25 21:07 03/09/25 21:07 03/09/25 21:07 Prepared 03/09/25 21:07	Analyzed 03/12/25 22:22 Analyzed 03/12/25 22:22 03/12/25 22:22 Analyzed 03/12/25 22:22	Dil Fac

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

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

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')

Date Collected: 03/06/25 00:00 Date Received: 03/07/25 16:43

Lab Sample ID: 880-55392-6

Matrix: Solid

Matrix: Solid

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 - Diese	l Range Organ	ics (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
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		03/09/25 21:07	03/12/25 22:36	1
Method: SW846 8015B NM - Dies Analyte	Result	Qualifier	RL	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over	<49.7	U	49.7		mg/Kg		03/09/25 21:07	03/12/25 22:36	1
C10-C28) Oil Range Organics (Over C28-C36)	<49.7	11	49.7		mg/Kg		03/09/25 21:07	03/12/25 22:36	1
Oil Range Organics (Over 626-636)	\49. 1	U	49.7		mg/Kg		03/09/23 21.07	03/12/23 22.30	ı
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				03/09/25 21:07	03/12/25 22:36	1

Analyte Result Qualifier Dil Fac RLMDL Unit D Prepared Analyzed Chloride <9.96 U 03/11/25 08:14 9.96 mg/Kg Lab Sample ID: 880-55392-7

Client Sample ID: H-7 (0-0.5')

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Date Collected: 03/06/25 00:00

Date Received: 03/07/25 16:43

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)			70 - 130				03/10/25 09:23	03/10/25 15:14	1
1,4-Difluorobenzene (Surr) Method: TAL SOP Total BTEX	96 - Total BTEX Cald	culation	70 - 130				03/10/25 09:23	03/10/25 15:14	1
Method: TAL SOP Total BTEX Analyte	- Total BTEX Cald	Qualifier	RL	MDL	Unit	<u>D</u>	03/10/25 09:23 Prepared	Analyzed	
Method: TAL SOP Total BTEX Analyte Total BTEX	- Total BTEX Calc Result <0.00403	Qualifier U	RL 0.00403	MDL	Unit mg/Kg	<u>D</u>			Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die	- Total BTEX Calc Result <0.00403 esel Range Organ	Qualifier U	RL 0.00403		mg/Kg		Prepared	Analyzed 03/10/25 15:14	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte	- Total BTEX Calc Result <0.00403 esel Range Organ Result	Qualifier U ics (DRO) (Qualifier	RL 0.00403		mg/Kg	<u>D</u>		Analyzed 03/10/25 15:14 Analyzed	•
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die	- Total BTEX Calc Result <0.00403 esel Range Organ	Qualifier U ics (DRO) (Qualifier	RL 0.00403		mg/Kg		Prepared	Analyzed 03/10/25 15:14	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte	- Total BTEX Calc Result <0.00403 esel Range Organ Result <49.8	Qualifier U ics (DRO) (Qualifier U	RL 0.00403 GC) RL 49.8		mg/Kg		Prepared	Analyzed 03/10/25 15:14 Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D Analyte	- Total BTEX Calc Result <0.00403 esel Range Organ Result <49.8 siesel Range Organ	Qualifier U ics (DRO) (Qualifier U	RL 0.00403 GC) RL 49.8	MDL	mg/Kg		Prepared	Analyzed 03/10/25 15:14 Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D	- Total BTEX Calc Result <0.00403 esel Range Organ Result <49.8 siesel Range Organ	Qualifier U ics (DRO) (Qualifier U nics (DRO) Qualifier	RL 0.00403 GC) RL 49.8	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 03/10/25 15:14 Analyzed 03/12/25 22:51	Dil Fac

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')

Date Collected: 03/06/25 00:00 Date Received: 03/07/25 16:43 Lab Sample ID: 880-55392-7

Matrix: Solid

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, le	on Chromatogr	raphy - Soluble
Analyte		Resi	ult Qualifier

RL MDL Unit Analyzed Dil Fac Prepared Chloride 9.92 03/11/25 08:32 46.6 mg/Kg

Client Sample ID: H-8 (0-0.5')

Date Collected: 03/06/25 00:00

Date Received: 03/07/25 16:43

Lab Sample ID: 880-55392-8

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/10/25 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: TA	AL SOP	Total BTEX -	- Total BTEX	Calculation
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Analyte	Result	Qualifier	RL	MDL	Unit)	Prepared	Analyzed	Dil Fac	
Total BTEX	< 0.00398	U	0.00398		ma/Ka			03/10/25 15:35	1	

Method: SW846 8015 NM -	Dincol Pango	Organice	(DBO) (C	\sim 1
	Diesei Naliue	Organics	יטו וטאטו	. ,

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TDH	<10.8	П	40.8	malka		•	03/13/25 18:44	

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.8	U	49.8		mg/Kg		03/10/25 11:30	03/13/25 18:44	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.8	U *+	49.8		mg/Kg		03/10/25 11:30	03/13/25 18:44	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/10/25 11:30	03/13/25 18:44	1
Curronata	% Pocovory	Qualifier	Limite				Dronarod	Analyzod	Dil Eac

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

SDG: Lea Co, NW

Job ID: 880-55392-1 SDG: Lea Co, NM

Client Sample ID: H-9 (0-0.5')

Date Collected: 03/06/25 00:00 Date Received: 03/07/25 16:43 Lab Sample ID: 880-55392-9

Matrix: Solid

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 Cald	culation							
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 - Diese Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
IOTAL LPH	<50.0	U	50.0		ma/Ka			03/12/25 23:36	
Total TPH	<50.0		50.0		mg/Kg			03/12/25 23:36	
: Method: SW846 8015B NM - Die	sel Range Orga	nics (DRO)	(GC)						1
Method: SW846 8015B NM - Die Analyte	sel Range Orga Result	nics (DRO) Qualifier	(GC)	MDL	Unit	D	Prepared	Analyzed	1 Dil Fac
- -	sel Range Orga	nics (DRO) Qualifier	(GC)	MDL		<u>D</u>	Prepared 03/09/25 21:07		1 Dil Fac
Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	sel Range Orga Result	Qualifier	(GC)	MDL	Unit	<u>D</u>		Analyzed	Dil Fac
Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10	sel Range Orga Result <50.0	Qualifier	(GC) RL 50.0	MDL	Unit mg/Kg	<u>D</u>	03/09/25 21:07	Analyzed 03/12/25 23:36	Dil Fac
Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	sel Range Orga Result <50.0 <50.0	Qualifier U	(GC) RL 50.0	MDL	Unit mg/Kg mg/Kg	<u>D</u>	03/09/25 21:07	Analyzed 03/12/25 23:36 03/12/25 23:36	1 Dil Fac
Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	sel Range Orga Result <50.0 <50.0	Qualifier U	(GC) RL 50.0 50.0	MDL	Unit mg/Kg mg/Kg	<u>D</u>	03/09/25 21:07 03/09/25 21:07 03/09/25 21:07	Analyzed 03/12/25 23:36 03/12/25 23:36 03/12/25 23:36	1
Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	Sel Range Orga Result <50.0 <50.0 <50.0	Qualifier U	(GC) RL 50.0 50.0 50.0 Limits	MDL	Unit mg/Kg mg/Kg	<u>D</u>	03/09/25 21:07 03/09/25 21:07 03/09/25 21:07 Prepared	Analyzed 03/12/25 23:36 03/12/25 23:36 03/12/25 23:36 Analyzed	Dil Fac
Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	sel Range Orga Result <50.0	Qualifier U Qualifier	(GC) RL 50.0 50.0 50.0 Limits 70 - 130 70 - 130	MDL	Unit mg/Kg mg/Kg	<u>D</u>	03/09/25 21:07 03/09/25 21:07 03/09/25 21:07 Prepared 03/09/25 21:07	Analyzed 03/12/25 23:36 03/12/25 23:36 03/12/25 23:36 Analyzed 03/12/25 23:36	Dil Face 1 1 1 Dil Face
Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	sel Range Orga Result <50.0	Qualifier U Qualifier	(GC) RL 50.0 50.0 50.0 Limits 70 - 130 70 - 130	MDL	Unit mg/Kg mg/Kg mg/Kg	<u>D</u>	03/09/25 21:07 03/09/25 21:07 03/09/25 21:07 Prepared 03/09/25 21:07	Analyzed 03/12/25 23:36 03/12/25 23:36 03/12/25 23:36 Analyzed 03/12/25 23:36	Dil Fac

Client Sample ID: H-10 (0-0.5')

Date Collected: 03/06/25 00:00

Lab Sample ID: 880-55392-10

Matrix: Solid

Date Received: 03/07/25 16:43

Method: SW846 8021B - Volatile Organic Compounds (GC) Result Qualifier Analyte MDL Unit D Dil Fac RL Prepared Analyzed Benzene <0.00202 U 0.00202 mg/Kg 03/10/25 09:23 03/10/25 16:16 Toluene 03/10/25 16:16 <0.00202 U 0.00202 mg/Kg 03/10/25 09:23 Ethylbenzene <0.00202 U 0.00202 mg/Kg 03/10/25 09:23 03/10/25 16:16 m-Xylene & p-Xylene <0.00403 U 0.00403 mg/Kg 03/10/25 09:23 03/10/25 16:16 o-Xylene <0.00202 U 0.00202 mg/Kg 03/10/25 09:23 03/10/25 16:16 <0.00403 U 0.00403 03/10/25 09:23 03/10/25 16:16 Xylenes, Total mg/Kg %Recovery Qualifier Limits Surrogate Prepared Analyzed Dil Fac 106 70 - 130 03/10/25 09:23 03/10/25 16:16 4-Bromofluorobenzene (Surr)

Eurofins Midland

03/10/25 16:16

03/10/25 09:23

70 - 130

96

1,4-Difluorobenzene (Surr)

3

6

8

10

12

13

14

Job ID: 880-55392-1 SDG: Lea Co, NM

Project/Site: Salado Crew 19 CTB and CS

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

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 - Diese	I Range Organ	ics (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
(GRO)-C6-C10 Diesel Range Organics (Over	<49.8	U	49.8		mg/Kg		03/09/25 21:07	03/12/25 23:50	1
Analyte Gasoline Range Organics	<49.8	Qualifier U	RL 49.8	MDL	Unit mg/Kg	D	Prepared 03/09/25 21:07	Analyzed 03/12/25 23:50	Dil Fac
Diesel Range Organics (Over	<49.8	U	49.8		mg/Kg		03/09/25 21:07	03/12/25 23:50	1
C10-C28)									
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	

9.92 Client Sample ID: H-11 (0-0.5') Lab Sample ID: 880-55392-11

RL

MDL Unit

mg/Kg

D

Prepared

Analyzed

03/11/25 08:51

Dil Fac

Matrix: Solid

Result Qualifier

96.5

Date Collected: 03/06/25 00:00 Date Received: 03/07/25 16:43

Analyte

Chloride

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00201	U	0.00201		mg/Kg		03/10/25 09:16	03/10/25 19:36	
Toluene	<0.00201	U	0.00201		mg/Kg		03/10/25 09:16	03/10/25 19:36	•
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
			70 - 130				03/10/25 09:16	03/10/25 19:36	
Method: TAL SOP Total BTEX - Analyte	· Total BTEX Cald	Qualifier	RL	MDL	Unit ma/Ka	<u>D</u>	03/10/25 09:16 Prepared	Analyzed	
Method: TAL SOP Total BTEX - Analyte Total BTEX	- Total BTEX Calc Result <0.00402	Qualifier U	RL 0.00402	MDL	Unit mg/Kg	<u>D</u>			
Method: TAL SOP Total BTEX - Analyte Total BTEX Method: SW846 8015 NM - Dies	Total BTEX Calc Result 	Qualifier U	RL 0.00402			<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTEX - Analyte	Total BTEX Calc Result 	Qualifier U ics (DRO) (Qualifier	RL 0.00402		mg/Kg	=	Prepared	Analyzed 03/10/25 19:36	Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX Method: SW846 8015 NM - Dies Analyte Total TPH	rotal BTEX Calc Result <0.00402 sel Range Organ Result <50.0	Qualifier U ics (DRO) (Qualifier U	RL 0.00402 ——————————————————————————————————		mg/Kg	=	Prepared	Analyzed 03/10/25 19:36 Analyzed	Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX Method: SW846 8015 NM - Dies Analyte Total TPH Method: SW846 8015B NM - Dies	rotal BTEX Calc Result <a href="mailto:cond-oxed-cond-ox</td><td>Qualifier U ics (DRO) (Qualifier U</td><td>RL 0.00402 ——————————————————————————————————</td><td>MDL</td><td>mg/Kg</td><td> =</td><td>Prepared</td><td>Analyzed 03/10/25 19:36 Analyzed</td><td>Dil Fac</td></tr><tr><td>Method: TAL SOP Total BTEX - Analyte Total BTEX Method: SW846 8015 NM - Dies Analyte</td><td>rotal BTEX Calc Result <a href=" mailto:cond-oxed-cond-ox<="" td=""><td>Qualifier U ics (DRO) (Qualifier U nics (DRO) Qualifier</td><td>RL 0.00402 GC) RL 50.0</td><td>MDL</td><td>mg/Kg Unit mg/Kg</td><td></td><td>Prepared Prepared</td><td>Analyzed 03/10/25 19:36 Analyzed 03/13/25 00:06</td><td>Dil Fac</td>	Qualifier U ics (DRO) (Qualifier U nics (DRO) Qualifier	RL 0.00402 GC) RL 50.0	MDL	mg/Kg Unit mg/Kg		Prepared Prepared	Analyzed 03/10/25 19:36 Analyzed 03/13/25 00:06	Dil Fac

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

Matrix: Solid

Date Collected: 03/06/25 00:00 Date Received: 03/07/25 16:43

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

Job ID: 880-55392-1

Project/Site: Salado Crew 19 CTB and CS

SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

		BFB1	DFBZ1	Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	(70-130)	(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	
	Method Blank	110	90	

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid Prep Type: Total/NA

		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(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

Surrogate Summary

Client: Carmona Resources Job ID: 880-55392-1 Project/Site: Salado Crew 19 CTB and CS SDG: Lea Co, NM

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

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
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				

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	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 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

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepa	red	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

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 104846

Matrix: Solid Analysis Batch: 104839

Lab Sample ID: LCS 880-104846/1-A

	Spike	LCS LCS			%Rec	
Analyte	Added I	Result Qualifier	Unit	D %Rec	Limits	
Benzene	0.100	.1058	mg/Kg	106	70 - 130	
Toluene	0.100	.1035	mg/Kg	103	70 - 130	
Ethylbenzene	0.100	.1052	mg/Kg	105	70 - 130	
m-Xylene & p-Xylene	0.200	.2254	mg/Kg	113	70 - 130	
o-Xylene	0.100	.1096	mg/Kg	110	70 - 130	
I and the second						

LCS LCS

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

Lab Sample ID: LCSD 880-104846/2-A **Client Sample ID: Lab Control Sample Dup**

Matrix: Solid

Analysis Batch: 104839

Prep Type: Total/NA Prep Batch: 104846

	Spike	LCSD	LUSD				70 KeC		KPD	
Analyte	Added	Result	Qualifier	Unit	D	%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	

LCSD LCSD

Surrogate	%Recovery Qualifie	er 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

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

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

Lab Sample ID: 880-55391-A-1-C MSD

Matrix: Solid

Analysis Batch: 104839

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 104846

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

MS MS

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

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 104846

Matrix: Solid Analysis Batch: 104839

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

MSD MSD

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

Lab Sample ID: MB 880-104848/5-A

Matrix: Solid

Analysis Batch: 104838

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 104848

MR	MR

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 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

MB MB

Surrogate	%Recovery Quali	ifier Limits	Prepared	Analyzed	Dil Fac
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

Matrix: Solid

Analysis Batch: 104838

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 104848

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

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

Lab Sample ID: LCSD 880-104848/2-A

Matrix: Solid

Analysis Batch: 104838

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 104848

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit %Rec Limits D 0.100 0.1048 105 70 - 130 o-Xylene mg/Kg

LCS LCS

Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 98 70 - 130 70 - 130 1,4-Difluorobenzene (Surr) 104

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Matrix: Solid

Matrix: Solid

Analysis Batch: 104838

Lab Sample ID: 880-55392-1 MS

Analysis Batch: 104838

Prep Batch: 104848 LCSD LCSD RPD

Spike Analyte Added Result Qualifier Unit %Rec Limits RPD Limit Benzene 0.100 0.1083 mg/Kg 108 70 - 130 35 Toluene 0.100 0.1122 mg/Kg 112 70 - 130 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 0.100 0.1021 102 70 - 130 o-Xylene mg/Kg

LCSD LCSD %Recovery

Surrogate Qualifier Limits 4-Bromofluorobenzene (Surr) 97 70 - 130 1,4-Difluorobenzene (Surr) 103 70 - 130

Client Sample ID: H-1 (0-0.5')

Prep Type: Total/NA

Prep Batch: 104848

MS MS Sample Sample Spike %Rec Result Qualifier Added Result Qualifier Analyte Unit %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 UF1 0.100 0.1499 F1 mg/Kg 150 70 - 130 m-Xylene & p-Xylene <0.00396 UF1 0.200 0.2940 F1 mg/Kg 147 70 - 130 o-Xylene <0.00198 UF1 0.100 0.1391 F1 mg/Kg 139 70 - 130

MS MS

%Recovery Surrogate Qualifier Limits 70 - 130 4-Bromofluorobenzene (Surr) 127 70 - 130 1,4-Difluorobenzene (Surr) 108

Lab Sample ID: 880-55392-1 MSD Client Sample ID: H-1 (0-0.5')

Matrix: Solid

Analysis Batch: 104838

Prep Type: Total/NA

Prep Batch: 104848

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

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

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
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

MB MB

Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac Gasoline Range Organics <50.0 U 50.0 03/09/25 21:07 03/12/25 19:25 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 50.0 mg/Kg 03/09/25 21:07 03/12/25 19:25 C10-C28) 03/09/25 21:07 Oil Range Organics (Over C28-C36) 50.0 03/12/25 19:25 <50.0 U mg/Kg

MB MB

Surrogate	%Recovery	Qualifier	Limits	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

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

LCS LCS

Surrogate	%Recovery Qualifier	Limits
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

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	1000	958.0		mg/Kg		96	70 - 130	3	20
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	1069		mg/Kg		107	70 - 130	3	20
C40 C20)									

C10-C28)

LCSD LCSD

Surrogate	%Recovery Qualifie	r Limits
1-Chlorooctane	110	70 - 130
o-Terphenyl	109	70 - 130

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

Lab Sample ID: 880-55391-A-13-C MSD

Matrix: Solid

Analysis Batch: 105110

Client Sample ID: Matrix Spike

Prep Type: Total/NA **Prep Batch: 104820**

Sample Sample Spike MS MS Result Qualifier Analyte Added Result Qualifier Unit %Rec Limits Gasoline Range Organics <49.7 UF1 1000 665.3 F1 mg/Kg 67 70 - 130 (GRO)-C6-C10 1000 Diesel Range Organics (Over 694.2 F1 mg/Kg 69 70 - 130 <49.7 U F1 C10-C28)

MS MS

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

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 104820

Analysis Batch: 105110 Spike MSD MSD %Rec RPD Sample Sample Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits **RPD** Limit <49.7 U F1 1000 70 - 130 0 Gasoline Range Organics 667.4 F1 mg/Kg 67 20 (GRO)-C6-C10 Diesel Range Organics (Over <49.7 UF1 1000 693.3 F1 mg/Kg 69 70 - 130 0 20

C10-C28)

Matrix: Solid

MSD MSD %Recovery Qualifier Surrogate Limits 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**

мв мв

d Dil Fac
9:57 1
9:57 1
9:57 1
0

MB MB

Surrogate	%Recovery	Qualifier	Limits	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

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	1095		mg/Kg		110	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	1279		mg/Kg		128	70 - 130	
C10-C28)								

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

LCS LCS

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

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 104892

Lab Sample ID: LCSD 880-104892/3-A **Matrix: Solid**

Analysis Batch: 105119

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

C10-C28)

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

Lab Sample ID: 880-55406-A-42-D MS Client Sample ID: Matrix Spike

Matrix: Solid

Analysis Batch: 105119

Prep Type: Total/NA **Prep Batch: 104892**

mg/Kg

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

C10-C28)

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

Lab Sample ID: 880-55406-A-42-E MSD Client Sample ID: Matrix Spike Duplicate **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 105119

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

Diesel Range Organics (Over C10-C28)

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

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Prep Batch: 104892

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3/14/2025

QC Sample Results

Client: Carmona Resources Project/Site: Salado Crew 19 CTB and CS Job ID: 880-55392-1

Prep Type: Soluble

Client Sample ID: H-4 (0-0.5')

Client Sample ID: H-4 (0-0.5')

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample Dup

SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-104855/1-A

Matrix: Solid

Analysis Batch: 104924

MB MB

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

Lab Sample ID: LCS 880-104855/2-A

Matrix: Solid

Analysis Batch: 104924

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

Lab Sample ID: LCSD 880-104855/3-A

Matrix: Solid

Analysis Batch: 104924

LCSD LCSD %Rec RPD Spike Analyte Added Result Qualifier Unit %Rec Limits RPD Limit Chloride 250 273.1 mg/Kg 109 90 - 110

Lab Sample ID: 880-55392-4 MS

Matrix: Solid

Analysis Batch: 104924

Spike MS MS Sample Sample %Rec Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Chloride 32.6 F1 251 323.9 F1 116 90 - 110 mg/Kg

Lab Sample ID: 880-55392-4 MSD

Matrix: Solid

Analysis Batch: 104924

Sample Sample Spike MSD MSD %Rec RPD Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit Chloride 32.6 F1 251 324.0 F1 mg/Kg 116 90 - 110 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	

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

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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 Batcl
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	

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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')

Date Collected: 03/06/25 00:00 Date Received: 03/07/25 16:43

Lab Sample ID: 880-55392-1

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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')

Date Collected: 03/06/25 00:00

Date Received: 03/07/25 16:43

Lab Sample ID: 880-55392-2

Matrix: Solid

Batch Dil Initial Final Batch Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab 5035 Total/NA Prep 4.99 g 5 mL 104848 03/10/25 09:23 EL EET MID Total/NA 8021B 5 mL 104838 03/10/25 13:32 **EET MID** Analysis 1 5 mL MNR Total/NA Total BTEX 105033 03/10/25 13:32 Analysis A.I **EET MID** 1 Total/NA Analysis 8015 NM 105226 03/13/25 18:11 **EET MID** Total/NA 104892 03/10/25 11:30 EL Prep 8015NM Prep 10.04 g 10 mL EET MID Total/NA Analysis 8015B NM 1 uL 1 uL 105119 03/13/25 18:11 TKC **EET MID** Soluble 104855 03/10/25 09:38 Leach DI Leach 5.03 g 50 mL SA EET MID

50 mL

50 mL

104924

03/11/25 07:37

Client Sample ID: H-3 (0-0.5')

Analysis

300.0

Date Collected: 03/06/25 00:00

Soluble

Date Received: 03/07/25 16:43

Lab Sample ID: 880-55392-3

СН

Matrix: Solid

EET MID

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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')

Date Collected: 03/06/25 00:00

Date Received: 03/07/25 16:43

Lab Sample ID: 880-55392-4

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

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')

Date Collected: 03/06/25 00:00 Date Received: 03/07/25 16:43 Lab Sample ID: 880-55392-4

Matrix: Solid

Matrix: Solid

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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 Date Received: 03/07/25 16:43

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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 Date Received: 03/07/25 16:43

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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 Date Received: 03/07/25 16:43

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

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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 Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.04 g 1 uL	10 mL 1 uL	104820 105110	03/09/25 21:07 03/12/25 22:51	EL TKC	EET MID EET MID

Eurofins Midland

Matrix: Solid

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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')

Date Collected: 03/06/25 00:00 Date Received: 03/07/25 16:43 Lab Sample ID: 880-55392-7

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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')

Date Collected: 03/06/25 00:00

Lab Sample ID: 880-55392-8

Matrix: Solid

Date Received: 03/07/25 16:43

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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')

Date Collected: 03/06/25 00:00

Date Received: 03/07/25 16:43

Lab Sample ID: 880-55392-9

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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')

Date Collected: 03/06/25 00:00 Date Received: 03/07/25 16:43 Lab Sample ID: 880-55392-10

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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')

Date Collected: 03/06/25 00:00 Date Received: 03/07/25 16:43 Lab Sample ID: 880-55392-11

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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

Eurofins Midland

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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	Progra	ım	Identification Number	Expiration Date
Texas	NELAF)	T104704400	06-30-25
,	are included in this report, bu	t the laboratory is not certif	fied by the governing authority. This list	t may include analytes
Analysis Method	Prep Method	Matrix	Analyte	
8015 NM		Solid	Total TPH	
		Solid	Total BTEX	

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

Eurofins Midland

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

Date/ I ime	Received by: (Signature)	Relinquished by: (Signature)	TZ me	Date/Ime		d by: (Signature)	Received by:	1	by: (Signature)	Relinquished by:
	urces.com	Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com	urces.com	monareso	cmoehring@car	send results to	Please			
			×	×	G	×		3/6/2025	0-0.5')	H-10 (0-0.5")
			×	1 ×	6	×		3/6/2025)-0.5')	H-9 (0-0.5')
			×	1 ×	6	×		3/6/2025)-0.5')	H-8 (0-0.5')
			×	1 ×	6	×		3/6/2025)-0.5')	H-7 (0-0.5')
			×	1 ×	G	×		3/6/2025	H-6 (0-0.5')	Н-6 (
			×	1 X	6	×		3/6/2025	H-5 (0-0.5')	H-5 (
			×	1 X	6	×		3/6/2025	H-4 (0-0.5')	H-4 ((
			×	1 ×	6	×		3/6/2025)-0.5')	H-3 (0-0.5')
			×	1 ×	G	×		3/6/2025	(0-0.5')	H-2 (
			×	1 ×	G	×		3/6/2025)-0.5')	H-1 (0-0.5')
Sample Comments			TPH	# of Cont	Water Comp C	Soil	Time	Date	entification	Sample Identification
NaOH+Ascorbic Acid: SAPC	Na		1 80		1:1	Corrected Temperature:	Corrected	(Total Containers:
Zn Acetate+NaOH: Zn	Zn			В	1).	Temperature Reading:	Temperat	No N/A	als: Yes	Sample Custody Seals:
Na ₂ S ₂ O ₃ : NaSO ₃			_		0	n Factor:	Correction Factor:	NO NA	als: Yes	Cooler Custody Seals:
NaHSO ₄ : NABIS	OLD Na		-	802	100	eter ID:	Thermometer ID:	Yes No	\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \	Received Intact:
H₃PO₄: HP			DR0	mete 21B	Yes No	Wet Ice:	Yes No	emp Blank:		SAMPLE RECEIPT
H ₂ S0 ₄ : H ₂ NaOH: Na	H ₂ :		O + N	ers		lab, if received by 4:30pm				PO#:
HCL: HC HNO ₃ : HN	НС		MRO		received by the	TAT starts the day received by the		GPJ/RP		Sampler's Name:
Cool: Cool MeOH: Me	Co)		Normal	Due Date:		Lea Co, NM	Ę	Project Location
None: NO DI Water: H ₂ O	No			Code	Rush	✓ Routine		2662		Project Number:
Preservative Codes		ANALYSIS REQUEST				Turn Around	nd CS	Salado Draw 19 CTB and CS	Salado Dr	Project Name:
Other:	Deliverables: EDD	Deliv	com	resources	Email: ThielkeA@Carmonaresources.com	Email: Th			432-813-8988	Phone:
ST TRRP Level IV	Reporting:Level II Level III LPST/UST	Repo		_	City, State ZIP:	C		9701	Midland, TX 79701	City, State ZIP:
	State of Project:	State			Address:	Ac		Ste. 500	310 West Wall Ste. 500	Address:
elds	Program: UST/PST ☐PRP ☐Brownfields ☐RRC	Prog			Company Name:	C		ources	Carmona Resources	Company Name:
nments	Work Order Comments	38	Carmona Resources	Carmo	Bill to: (if different)	Bi		to l	Ashton Thielke	Project Manager:
Page1 of2										
of Custody	880-55392 Chain of Custody									

Revised Date 05012020 Rev. 2020.1

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Work Order No:
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Project Manager:	Ashton Thielke				Bill to: (if different)	10)	Carmo	Carmona Resources	urces						Wor	k Orde	Work Order Comments	etne	
Company Name:	Carmona Resources	urces			Company Name:	ie.							rogram	UST/PS	ST PRI	, ,	Program: UST/PST ☐PRP ☐Brownfields ☐RRC	RRC	uperfund
Address:	310 West Wall Ste. 500	Ste. 500			Address:							S	State of Project:	roject:					
City, State ZIP:	Midland, TX 79701	701			City, State ZIP								eporting	:Level II	Reporting:Level II Level III LST/UST	<u>~</u>		□ RRP	☐ Level IV ☐
Phone:	432-813-8988			Email:	Email: ThielkeA@Carmonaresources.com	armonare	sources.	.com					eliverab	Deliverables: EDD		ADa	ADaPT 🗆	Other:	
Project Name:	Salado Dra	Salado Draw 19 CTB and CS	nd CS	Turn	Turn Around					Ą	ALYSIS	ANALYSIS REQUEST	EST				P	Preservative Codes	tive
Project Number:		2662		✓ Routine	Rush	Pres. Code											None: NO	δ	DI Water: H ₂ O
Project Location	_	Lea Co, NM		Due Date:	Normal												Cool: Cool	<u>8</u>	MeOH: Me
Sampler's Name:		GPJ/RP		TAT starts the	TAT starts the day received by the	he		RO)									HCL: HC	C	HNO ₃ : HN
PO#:				lab, if rece	lab, if received by 4:30pm			+ M									H₂SO₄: H₂	H ₂	NaOH: Na
SAMPLE RECEIPT		Temp Blank:	Yes No	Wet Ice:	Yes No	nete	IB										H₃PO₄: HP	푹	
Received Intact:		is No	Thermometer ID:	ter ID:		ıran	802	-								LD	NaHSC	NaHSO ₄ : NABIS	0,1
Cooler Custody Seals:	Yes	0	Correction Factor:	Factor:		Pa	ΓEX	GR								нс	Na ₂ S ₂ C	Na ₂ S ₂ O ₃ ; NaSO ₃	ω
Sample Custody Seals:	Yes		Temperatu	Temperature Reading:			В		-								Zn Ace	Zn Acetate+NaOH: Zn	Z :HC
Total Containers:			Corrected	Corrected Temperature:				I 801									NaOH+	NaOH+Ascorbic Acid: SAPC	: Acid
Sample Identification	ntification	Date	Time	Soil	Water Comp	ıb/ # of np Cont	f	TPI									Ş	Sample Comments	Comi
H-11 (0-0.5'))-0.5')	3/6/2025		×	G		×	×	×										
						+			\dashv				+	+		+			
									+				+			+			
													+ +						
			Please s	end results	Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com	g@carmo	onareso	urces.co	m and i	ncarmo	na@car	monare	source	s.com					
Relinquished by: (Signature)	y: (Signature)		Regaives	Regaived by: (Signature)	ire) /		Date/Time	ime	Re	Relinquished by: (Signature)	d by: (S	signature	<u>w</u>	Rece	Received by: (Signature)	(Signa	ure)		Date/Time
		7	ALL	MAG	9				A A										
5									6										

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	N/A	

4

6

8

3

13

14

<6mm (1/4").



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/ga/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

CARMONA RESOURCES **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

SALADO DRAW 19 CTB AND CS Project Name: 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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/11/2025	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	80.0	% 40.6-15	3						

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Celey D. Keene



Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 04/11/2025 Reported: 04/14/2025

SALADO DRAW 19 CTB AND CS

Project Name: Project Number: 2662

Project Location: LEA CO., NM Sampling Date: 04/10/2025

Sampling Type: Soil

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

Sample ID: CS - 2 (4.5') (H252162-02)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/11/2025	ND	416	104	400	7.41	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	94.2	% 40.6-15	3						

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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 Project Name: SALADO DRAW 19 CTB AND CS Sampling Type: Soil

Project Number: 2662

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

Project Location: LEA CO., NM

Sample ID: CS - 3 (4.5') (H252162-03)

BTEX 8021B

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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/11/2025	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	85.8	% 40.6-15	3						

Analyzed By: JH

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Celey D. Keene



Cool & Intact

Shalyn Rodriguez

Analytical Results For:

CARMONA RESOURCES ASHTON THIELKE 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 04/11/2025 Reported: 04/14/2025

 04/11/2025
 Sampling Date:
 04/10/2025

 04/14/2025
 Sampling Type:
 Soil

Project Name: SALADO DRAW 19 CTB AND CS

Sampling Condition:
Sample Received By:

Project Number: 2662
Project Location: LEA CO., NM

Sample ID: CS - 4 (4.5') (H252162-04)

BTEX 8021B

	9/	9	7	<u></u>					
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/11/2025	ND	416	104	400	7.41	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	92.9	% 40.6-15	3						

Analyzed By: JH

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Celey D. Kune



Analytical Results For:

CARMONA RESOURCES ASHTON THIELKE 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 04/11/2025 Reported: 04/14/2025

04/14/2025 SALADO DRAW 19 CTB AND CS

Project Name: SALA Project Number: 2662

Project Location: LEA CO., NM

Sampling Date: 04/10/2025

Sampling Type: Soil

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

Sample ID: CS - 5 (4.5') (H252162-05)

BTEX 8021B

	9/	9	7						
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/11/2025	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	88.2	% 40.6-15	3						

Analyzed By: JH

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Celey D. Keine



Analytical Results For:

CARMONA RESOURCES ASHTON THIELKE 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 04/11/2025 Reported: 04/14/2025 Sampling Date: 04/10/2025 Sampling Type: Soil

Project Name: SALADO DRAW 19 CTB AND CS

Sampling Condition: Cool & Intact

Project Number: 2662
Project Location: LEA CO., NM

RTFY 8021R

Sample Received By: Shalyn Rodriguez

Sample ID: CS - 6 (4.5') (H252162-06)

BIEX 8021B	mg,	кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/11/2025	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	88.5	% 40.6-15	3						

Applyzod By: 14

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Celeg & Freene



Analytical Results For:

CARMONA RESOURCES ASHTON THIELKE 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 04/11/2025 Reported: 04/14/2025

Project Name: SALADO DRAW 19 CTB AND CS

Project Number: 2662

Project Location: LEA CO., NM

Sampling Date: 04/10/2025

Sampling Type: Soil

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

Sample ID: CS - 7 (4.5') (H252162-07)

BTEX 8021B

	<u> </u>								
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/11/2025	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	96.5	% 40.6-15	3						

Analyzed By: JH

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Celey D. Keene



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 Sample Received By: Project Number: 2662 Shalyn Rodriguez

Analyzed By: JH

Project Location: LEA CO., NM

Sample ID: CS - 8 (4.5') (H252162-08)

BTEX 8021B

	9/	9	7	,					
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/11/2025	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	105	% 40.6-15	3						

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Celey D. Keene



Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 04/11/2025 Reported:

04/14/2025

Project Name: SALADO DRAW 19 CTB AND CS

Project Number: 2662

Project Location: LEA CO., NM Sampling Date: 04/10/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Shalyn Rodriguez

Sample ID: CS - 9 (4.5') (H252162-09)

BTEX 8021B

	9/	9	7						
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/11/2025	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	106	% 40.6-15	3						

Analyzed By: JH

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Celey D. Keene



Sample Received By:

04/10/2025

Shalyn Rodriguez

Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 04/11/2025 Sampling Date:

mg/kg

Reported: 04/14/2025 Sampling Type: Soil Project Name: SALADO DRAW 19 CTB AND CS Sampling Condition: Cool & Intact

Project Number: 2662

Project Location: LEA CO., NM

Sample ID: CS - 10 (4.5') (H252162-10)

BTEX 8021B

	9	9							
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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/11/2025	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
			_						

Analyzed By: JH

Surrogate: 1-Chlorooctadecane 104 % 40.6-153

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Celeg D. Keine



04/10/2025

Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 04/11/2025 Sampling Date:

mg/kg

Reported: 04/14/2025 Sampling Type: Soil

Project Name: SALADO DRAW 19 CTB AND CS Sampling Condition: Cool & Intact Project Number: Sample Received By: 2662 Shalyn Rodriguez

Analyzed By: JH

Project Location: LEA CO., NM

Sample ID: CS - 11 (4.5') (H252162-11)

BTEX 8021B

	9/	9	7	7 5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/11/2025	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	93.4	% 40.6-15	3						

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Celecy D. Keene



Analytical Results For:

CARMONA RESOURCES ASHTON THIELKE 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 04/11/2025 Reported: 04/14/2025 Sampling Date: 04/10/2025 Sampling Type: Soil

Project Name:

Project Location:

Surrogate: 1-Chlorooctadecane

BTEX 8021B

SALADO DRAW 19 CTB AND CS

LEA CO., NM

mg/kg

107 %

40.6-153

Sampling Condition: Cool & Intact

Project Number: 2662

Sample Received By:

Shalyn Rodriguez

Sample ID: CS - 12 (4.5') (H252162-12)

				-					
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/11/2025	ND	416	104	400	7.41	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 %	6 44.4-14	5						

Analyzed By: JH

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Celeg D. Freene



Analytical Results For:

CARMONA RESOURCES ASHTON THIELKE 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 04/11/2025 Reported: 04/14/2025

Project Name: SALADO DRAW 19 CTB AND CS

Project Number: 2662

Project Location: LEA CO., NM

Sampling Date: 04/10/2025

Sampling Type: Soil

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

Sample ID: CS - 13 (4.5') (H252162-13)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/11/2025	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	106	% 40.6-15	3						

Applyzod By: 14

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Celey D. Keene



Cool & Intact

Shalyn Rodriguez

Analytical Results For:

CARMONA RESOURCES ASHTON THIELKE 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 04/11/2025 Reported: 04/14/2025

 04/11/2025
 Sampling Date:
 04/10/2025

 04/14/2025
 Sampling Type:
 Soil

Sampling Condition:

Sample Received By:

Project Name: SALADO DRAW 19 CTB AND CS Project Number: 2662

mg/kg

Project Location: LEA CO., NM

Sample ID: CS - 14 (1.5') (H252162-14)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 511					
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/11/2025	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	102	% 40.6-15.	3						

Analyzed By: JH

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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 Sample Received By: Project Number: 2662 Shalyn Rodriguez

Applyzod By: 14

Project Location: LEA CO., NM

Sample ID: CS - 15 (1.5') (H252162-15)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/11/2025	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	104	% 40.6-15	3						

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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 Reported: 04/14/2025

 04/11/2025
 Sampling Date:
 04/10/2025

 04/14/2025
 Sampling Type:
 Soil

Project Name: SALADO DRAW 19 CTB AND CS

mg/kg

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

Project Number: 2662

Project Location: LEA CO., NM

Sample ID: CS - 16 (1.5') (H252162-16)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/11/2025	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	104	% 40.6-15	3						

Analyzed By: JH

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

CARMONA RESOURCES ASHTON THIELKE 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 04/11/2025 Reported: 04/14/2025

O25 Sampling Date: 04/10/2025 O25 Sampling Type: Soil

Project Name: SALA Project Number: 2662

Project Location: LEA CO., NM

SALADO DRAW 19 CTB AND CS Sampling Condition: Cool & Intact

Sample Received By: Shalyn Rodriguez

Sample ID: CS - 17 (1.5') (H252162-17)

BTEX 8021B

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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/11/2025	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	91.8	% 40.6-15	3						

Analyzed By: JH

Cardinal Laboratories *=Accredited Analyte

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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 Reported:

04/14/2025 SALADO DRAW 19 CTB AND CS

Project Name:

Project Number: 2662 Project Location: LEA CO., NM Sampling Date: 04/10/2025

Sampling Type: Soil

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

Sample ID: CS - 18 (1.5') (H252162-18)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/11/2025	ND	416	104	400	7.41	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	102 9	40.6-15	3						

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Celey D. Keene



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 Sample Received By: Project Number: 2662 Shalyn Rodriguez

Applyzod By: 14

Project Location: LEA CO., NM

Sample ID: CS - 19 (1.5') (H252162-19)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/11/2025	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	101	% 40.6-15	3						

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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 Sample Received By: Project Number: 2662 Shalyn Rodriguez

Analyzed By: JH

Project Location: LEA CO., NM

Sample ID: CS - 20 (1.5') (H252162-20)

BTEX 8021B

	9/	9	7						
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	95.5	% 40.6-15	3						

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Cardinal Laboratories



Shalyn Rodriguez

Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 04/11/2025 Reported:

Sampling Date: 04/10/2025 04/14/2025 Sampling Type: Soil Cool & Intact

Project Name: SALADO DRAW 19 CTB AND CS

Sampling Condition: Sample Received By: 2662

Applyzod By: 14

Project Location: LEA CO., NM

Sample ID: CS - 21 (1.5') (H252162-21)

Project Number:

RTFY 8021R

BIEX 8021B	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	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/11/2025	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	99.9	% 40.6-15	3						

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



Analytical Results For:

CARMONA RESOURCES ASHTON THIELKE 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 04/11/2025 Reported: 04/14/2025

04/14/2025

Project Name: SALADO DRAW 19 CTB AND CS

Project Number: 2662

Project Location: LEA CO., NM

Sampling Date: 04/10/2025

Sampling Type: Soil

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

Sample ID: CS - 22 (1.5') (H252162-22)

RTFY 8021R

BIEX 8021B	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	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/11/2025	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	105	% 40.6-15	3						

Applyzod By: 14

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04/10/2025

Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 04/11/2025 Sampling Date:

Reported: 04/14/2025 Sampling Type: Soil

Project Name: SALADO DRAW 19 CTB AND CS Sampling Condition: Cool & Intact Sample Received By: Project Number: 2662 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 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/11/2025	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	97.1	% 40.6-15	3						

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04/10/2025

Cool & Intact

Shalyn Rodriguez

Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

SALADO DRAW 19 CTB AND CS

mg/kg

Received: 04/11/2025 Reported:

04/14/2025 Sampling Type: Soil

Sampling Date:

Sampling Condition:

Sample Received By:

Project Name: Project Number: 2662

BTEX 8021B

Project Location: LEA CO., NM

Sample ID: CS - 24 (1.5') (H252162-24)

	9/	119	Allalyzo	u 5 y . 5					
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 %	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/11/2025	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						

Analyzed By: JH

97.4 % 40.6-153 Surrogate: 1-Chlorooctadecane

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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 Reported: 04/14/2025

04/14/2025 SALADO DRAW 19 CTB AND CS

Project Name: SALA Project Number: 2662

Project Location: LEA CO., NM

Sampling Date: 04/10/2025

Sampling Type: Soil

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

Sample ID: CS - 25 (1.5') (H252162-25)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/11/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	96.5	% 40.6-15	3						

Applyzod By: 14

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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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/11/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	99.0	% 40.6-15	3						

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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 Reported: 04/14/2025

SALADO DRAW 19 CTB AND CS

mg/kg

Project Name: SALAI Project Number: 2662

Project Location: LEA CO., NM

Sampling Date: 04/10/2025

Sampling Type: Soil

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

Sample ID: CS - 27 (1.5') (H252162-27)

BTEX 8021B

DILX GOZID	11197	- Kg	Allulyzo	.u by. 511					
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/11/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	79.8	% 40.6-15	3						

Analyzed By: JH

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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: Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: LEA CO., NM

Sample ID: CS - 28 (1.5') (H252162-28)

RTFY 8021R

BIEX 8021B	mg,	^и кд	Anaiyze	a 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/11/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	75.4	% 40.6-15.	3						

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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 Reported: 04/14/2025 Sampling Date: 04/10/2025 Sampling Type: Soil

Project Name:

SALADO DRAW 19 CTB AND CS

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

Project Number: Project Location:

BTEX 8021B

2662

LEA CO., NM

Sample ID: SW - 1 (4.5') (H252162-29)

	9,	9	7	7: 5::					
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/11/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	75.0	% 40.6-15	3						

Analyzed By: JH

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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 Reported: 04/14/2025

04/14/2025 Sampling Type: SALADO DRAW 19 CTB AND CS Sampling Condition:

Applyzod By: 14

Project Name: SALAD Project Number: 2662

Project Location: LEA CO., NM

Sampling Date: 04/10/2025

pling Type: Soil

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

Sample ID: SW - 2 (4.5') (H252162-30)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/11/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	98.9	% 40.6-15	3						

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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 Reported:

04/14/2025 SALADO DRAW 19 CTB AND CS

Project Name: Project Number: 2662

Project Location: LEA CO., NM Sampling Date: 04/10/2025

Sampling Type: Soil

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

Sample ID: SW - 3 (4.5') (H252162-31)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/11/2025	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	71.0	% 40.6-15	3						

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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 Reported: 04/14/2025

04/14/2025 Sampling Type: SALADO DRAW 19 CTB AND CS Sampling Condition:

Project Name: SALADO DRAW 19 CTB AND CS Project Number: 2662

Project Location: LEA CO., NM

Sampling Date: 04/10/2025

Sample Received By:

pling Type: Soil

Cool & Intact Shalyn Rodriguez

Sample ID: SW - 4 (4.5') (H252162-32)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/11/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	75.8	% 40.6-15	3						

Applyzod By: 14

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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 Reported: 04/14/2025 Sampling Date: 04/10/2025

Project Name: SALADO DRAW 19 CTB AND CS

Sampling Type: Soil

Project Number: 2662

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

Project Location: LEA CO., NM

Sample ID: SW - 5 (4.5') (H252162-33)

BTEX 8021B

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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/11/2025	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	74.9	% 40.6-15	3						

Analyzed By: JH

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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 Reported: 04/14/2025 Sampling Date: 04/10/2025 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	Analyze	d 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 %	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/11/2025	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	78.1	% 40.6-15	3						

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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 Reported: 04/14/2025

SALADO DRAW 19 CTB AND CS

Project Name: SALAI Project Number: 2662

Project Location: LEA CO., NM

Sampling Date: 04/10/2025

Sampling Type: Soil

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

Sample ID: SW - 7 (1.5' - 4.5') (H252162-35)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/11/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	66.8	% 40.6-15	3						

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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 Reported: 04/14/2025

SALADO DRAW 19 CTB AND CS

Project Name: SALADO I Project Number: 2662

Project Location: LEA CO., NM

Sampling Date: 04/10/2025

Sampling Type: Soil

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

Sample ID: SW - 8 (1.5' - 4.5') (H252162-36)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/11/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	73.9	% 40.6-15	3						

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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 Reported: 04/14/2025

Project Name: SALADO DRAW 19 CTB AND CS

Project Number: 2662

Project Location: LEA CO., NM Sampling Date: 04/10/2025

Sampling Type: Soil

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

Sample ID: SW - 9 (1.5') (H252162-37)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/11/2025	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	66.8	% 40.6-15	3						

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Sample Received By:

04/10/2025

Shalyn Rodriguez

Analytical Results For:

CARMONA RESOURCES ASHTON THIELKE 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 04/11/2025 Sampling Date:

Reported: 04/14/2025 Sampling Type: Soil
Project Name: SALADO DRAW 19 CTB AND CS Sampling Condition: Cool & Intact

Project Number: 2662

Project Location: LEA CO., NM

Sample ID: SW - 10 (1.5') (H252162-38)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/11/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	71.5	% 40.6-15	3						

Applyzod By: 14

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Sample Received By:

04/10/2025

Shalyn Rodriguez

Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST, SUITE 500 MIDLAND TX, 79701

Fax To:

Received: 04/11/2025 Sampling Date:

Reported: 04/14/2025 Sampling Type: Soil Project Name: SALADO DRAW 19 CTB AND CS Sampling Condition: Cool & Intact

Project Number: 2662

Project Location: LEA CO., NM

Sample ID: SW - 11 (1.5') (H252162-39)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 %	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/11/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	72.5 9	% 40.6-15	3						

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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 Reported: 04/14/2025

SALADO DRAW 19 CTB AND CS

mg/kg

Project Name: Project Number: 2662

Project Location: LEA CO., NM Sampling Date: 04/10/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Shalyn Rodriguez

Sample ID: SW - 12 (1.5') (H252162-40)

BTEX 8021B

	9/	9	7	,					
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/11/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	72.6	% 40.6-15	3						

Analyzed By: JH

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Sample Received By:

Shalyn Rodriguez

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

Project Location: LEA CO., NM

Sample ID: SW - 13 (1.5') (H252162-41)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/11/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	73.3	% 40.6-15	3						

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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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			×		Comp	×		4/10/2025	(4.5')	/ ₀ CS-10 (4.5')
			×	_	Comp	×		4/10/2025	(4.5')	q CS-9 (4.5')
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			×	1	Comp	×		4/10/2025	(4.5')	-) CS-7
			×	_	Comp	×		4/10/2025	(4.5')	CS-6
			×	_	Comp	×		4/10/2025	(4.5')	S CS-5 (4.5')
			×	1	Comp	×		4/10/2025	(4.5')	U CS-4 (4.5')
			×	_	Comp	×		4/10/2025	(4.5')	3 cs-3
			×	_	Comp	×		4/10/2025	(4.5')	CS-2 (4.5')
			×	1	Comp	×		4/10/2025	(4.5')	CS-1 (4.5')
Sample Comments			TP	# of Cont	ter Comp	Soil Water	Time	Date	ntification	Sample Identification
NaOH+Ascorbic Acid: SAPC			H 80°		O.C.	Corrected Temperature:	Corrected	(Total Containers:
Zn Acetate+NaOH: Zn			15M		E	Temperature Reading:	Temperatu	NO N/A	als: Yes	Sample Custody Seals:
	Н		(GF		10:01	Factor:	Correction Factor:	NO NIA	ls: Yes	Cooler Custody Seals:
	OLD		RO +		DAG	ter ID:	Thermometer ID:	No No	Yes	Received Intact:
H ₃ PO ₄ : HP			DRC	nete	Yes No	Wet Ice:	Yes No.	Temp Blank:		SAMPLE RECEIPT
H ₂ S0 ₄ : H ₂ NaOH: Na			O + N	rs	4:30pm	lab, if received by 4:30pm				PO#:
			/IRO)		ceived by the	the day re		KR		Sampler's Name:
Cool: Cool MeOH: Me)		24 Hour	Due Date:		Lea Co, NM		Project Location
None: NO DI Water: H ₂ O				Code	Rush	☐ Routine ✓		2662		Project Number:
Preservative Codes	-	ANALYSIS REQUEST			nd	Turn Around	nd CS	Salado Draw 19 CTB and	Salado Dra	Project Name:
ADaPT LI Other:	Deliverables: EDD	Deliven	ces.com	naresour	ThielkeA@Carmonaresources	Email: Thie			432-813-8988	Phone:
	Level III	Reporti			City, State ZIP:	City,		9701	Midland, TX 79701	City, State ZIP:
1		State o			ess:	Address:		Ste. 500	310 West Wall Ste. 500	Address:
Brownfields ☐RRC ☐uperfund ☐	ST PRP	Progra			Company Name:	Com		ources	Carmona Resources	Company Name:
Wcrk Order Comments	Wcrk Orde		Carmona Resources	C	Bill to: (if different)	Bill to			Ashton Thielke	Project Manager:
Work Order No: Page 11 of 5 Page 44 of 48	Work Order N	Y	Chain of Custody	nain	C	3				

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						×	×	_	Comp		×		4/10/2025	(1.5')	<i>a</i> b cs-20 (1.5')	
	_			-		×	+	+	Comp		×		4/10/2025	(1.5')	Q CS-19 (1.5')	-
						×	+	-	Comp		×		4/10/2025	(1.5')	S CS-18 (1.5')	-
						×	×	_	Comp		×		4/10/2025	(1.5')	7 CS-17 (1.5')	-
						×	×	_	Comp		×		4/10/2025	(1.5')	CS-16 (1.5')	
						×	×	_	Comp		×		4/10/2025	(1.5')) S CS-15 (1.5')	
						×	×	_	Comp		×		4/10/2025	(1.5')) (CS-14 (1.5')	
						×	×	_	Comp		×		4/10/2025	(4.5'))3 CS-13 (4.5')	
						×	×	1	Comp		×		4/10/2025	(4.5')	CS-12 (4.5')	
						×	×	1	Comp		×		4/10/2025	(4.5')	CS-11 (4.5')	_
Sample Comments							TP	# of Cont	Grab/ Comp	Water	Soil	Time	Date	ntification	Sample Identification	The state of
NaOH+Ascorbic Acid: SAPC	NaOr						H 80		d.	-	Corrected Temperature	Corrected			Total Containers:	-
Zn Acetate+NaOH: Zn	Zn Ao					С			26.0	-	Temperature Reading:	Temperat	NO N/A	Yes	Sample Custody Seals:	CO
Na ₂ S ₂ O ₃ : NaSO ₃						hlor	I (GI		1031	6	n Factor:	Correction Factor:		Yes	Cooler Custody Seals:	To
NaHSO ₄ : NABIS	IOLE NaHS					ide 4				世世	eter ID:	Thermometer ID:	No	Yes	Received Intact:	T D
H ₃ PO ₄ : HP			1			4500	+ DR	mete	8	Yes	Wet Ice:	Yes No	Temp Blank:		SAMPLE RECEIPT	CO
4: H ₂ NaOH: Na	H₂S0₄: H₂	7					0+1	ers	opm	lab, if received by 4:30pm	lab, if rec	>			PO#:	To
	HCL: HC						MRC		ed by the	day receiv	TAT starts the day received by the		KR		Sampler's Name:	S
<u></u>	Cool:	æ))		24 Hour	24	Due Date:		Lea Co, NM	Le	Project Location	0
E NO DI Water: H ₂ O	None: NO							Code	5	✓ Rush	Routine		2662		Project Number:	70
Preservative Codes			QUEST	ANALYSIS REQUEST	ANA					Turn Around	Tur	nd CS	Salado Draw 19 CTB and CS	Salado Drav	Project Name:	0
Other:	ADaPT L	Deliverables: EDD	Delivera				ces.com	naresour	ThielkeA@Carmonaresources		Email:		,	432-813-8988	Phone:	Р
☐RRP ☐ Level IV ☐		Reporting:Level III Level III	Reportin						te ZIP:	City, State ZIP			701	Midland, TX 79701	City, State ZIP:	0
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s RRC uperfund	☐PRP ☐βrownfields ☐RRC	ST	Prograi						y Name:	Company Name			ırces	Carmona Resources	Company Name:	0
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Page 2 of 5 Page 45 of 48	Work Order No:	Work Or				stoc	of Cu	Chain of Custody	C							
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Ch	ω -	1	Relir			83	20	y l	2	0,00	X	he	12	33	Ĭ,	"	Total Containers	Sample (Cooler C	Received Intact:	SAMPL	PO#.	Sampler's Name	Project Location	Project Number	Project Name:	Phone:	City, State ZIP	Address:	Company Name	Project Manager:	
			Relinquished by: (Signature)			SW-2 (4.5')	SW-1 (4.5')	CS-28 (1.5')	CS-27 (1	CS-26 (1.5')	CS-25 (1.5')	CS-24 (1.5')	CS-23 (1	CS-22 (1	CS-21 (1.5')	Sample Identification	ntainers:	Sample Custody Seals	Cooler Custody Seals:	Intact:	SAMPLE RECEIPT		s Name:	ocation	lumber:	lame:	4		(4)			
			(Signature)			.5')	.5')	.5')	(1.5')	.5')	.5')	.5')	(1.5')	(1.5')	.5')	ification		Yes	Yes							Salado [432-813-8988	Midland, TX 79701	310 West Wall Ste. 500	Carmona Resources	Ashton Thielke	
						4/10/2025	4/10/2025	4/10/2025	4/10/2025	4/10/2025	4/10/2025	4/10/2025	4/10/2025	4/10/2025	4/10/2025	Date	,	NO N/A	(E)	Yes No	Temp Blank:		KR	Lea Co, NM	2662	Salado Draw 19 CTB	8	79701	all Ste. 500	sources	(e	
	The	7	Receive		Please	5	5	01	5	5	5	01	01	Oi	01	Time	Corrected	Tempera	Correction Factor	Thermometer ID:	Yes No			,		and CS						
) c		Received by: (Signature)		Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com	×	×	×	×	×	×	×	×	×	×	Soil	Corrected Temperature:	Temperature Reading:	n Factor:	leter ID:	Wet Ice:	lab, if rece	TAT starts the	Due Date:	Routine	Turr	Email:					
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	9	2	ire)													S	NaOH	NOOL ACE	Na2520	NaHSC	H₃PO₄: HP	H ₂ S0 ₄ : H ₂	HCL: HC	Cool: Cool	None: NO	P				Brownfields RRC	Work Order Comments	
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Sample Comments	Sa								-	-	# of Cont	Grab/ Comp	Water	Soil	Time	Date	tion	Sample Identification	Sa
ASCOIDIC ACID. SAF C	INGOLIA					_			11 00			Q U	-	Corrected Temperature	Corrected			ainers:	Total Containers
NaOH+Assorbic Acid: SAPC	N=DH+A					_			_			200		Temperature Reading:	Temperatu	N/A	Yes No	Sample Custody Seals:	Sample Cu
Zn Acetate+NaOH: Zn	Zn Acetate+NaO	1							_	BTE	F	100	- (-)	Factor	Correction Factor:	N/A	10	Cooler Custody Seals:	Cooler Cus
Naso	Na S O : NaSO	HOL							_		Para	HO	#140	ter ID:	Thermometer ID:	No	(sex)	ntact:	Received Intact:
-P	H ₃ PO ₄ : HP	D :	-	,		í		1	4500	+	mete	3	Yes	Wet Ice:	Yes No		Temp Blank:	SAMPLE RECEIPT	SAMPLE
NaOH: Na	H ₂ S0 ₄ : H ₂	_							0+1	0	ers	30pm	eived by 4:	lab, if rec					PO#.
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_	Cool: Cool	, ,							''	,		24 Hour	24	Due Date:		Lea Co, NM	Lea (ation	Project Location
	None: NO	+	-		_	-					Code	sh	✓ Rush	Routine		2662	2	mber:	Project Number:
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cn C		Relinquished by: (Signature)				4/10/2025	tion	I otal containers.	ordis.	Cooler Custody Seals: Yes No N/A	es N	SAMPLE RECEIPT Temp Blank:	PO#	KR	Project Location Lea Co, NM	er.	Project Name: Salado Draw 19 CTB and	Phone: 432-813-8988	City, State ZIP: Midland, TX 79701	Address: 310 West Wall Ste. 500	Company Name: Carmona Resources	Project Manager: Ashton Thielke		
	ga Oca	Received by: (Signature)	Please send results			>	Time		Corrected Temperature:	Correction Factor: Temperature Reading:	Thermometer ID:	Yes No Wet Ice:	9	TAT starts the	Due Date:	Routine	CS	Email:						
		ure)	to cmoehring@car			(0)	100000	Grab/	1.0:	1. M.		(F)		TAT starts the day received by the	24 Hour	✓ Rush	Turn Around	ThielkeA@Carmonaresources.com	City, State ZIP:	Address:	Company Name:	Bill to: (if different)		
	11-25 OSUS	Date/Time	monaresources.com			;	Cont	# Of	801	ВТЕ 5М ((X 80	021B + DR	10+	MRO)	Code	8	resources.com				Carmona Resources		
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Revised Date 05012020 Rev. 2020		(Signature) Date/Time						Sample Comments	NaOH+Ascorbic Acid: SAPC	Zn Acetate+NaOH: Zn	H Na ₂ S ₂ O ₃ : NaSO ₃	NaHSO4 NABIS		HCL: HC HNO3: HN	<u> </u>		ervati	639	Other	PST/UST TRRP Level IV	Brownfields KRC Luperiund		Page5ot5_	



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/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

CARMONA RESOURCES ASHTON THIELKE 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 04/11/2025 Reported: 04/14/2025

Project Name: SALADO DRAW 19 CTB

Project Number: 2662

Project Location: LEA CO., NM

Sampling Date: 04/11/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS - 29 (4.5') (H252177-01)

BTEX 8021B	mg,	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160 16.0		04/14/2025 ND		432	108	400	3.77	
TPH 8015M	mg,	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 :	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	97.5	% 40.6-15	3						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 04/11/2025 Reported: 04/14/2025

Project Name: SALADO DRAW 19 CTB

Project Number: 2662

Project Location: LEA CO., NM Sampling Date: 04/11/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: CS - 30 (4.5') (H252177-02)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192 16.0		04/14/2025 ND		432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 9	6 44.4-14	5						
Surrogate: 1-Chlorooctadecane	105 % 40.6-153		3						

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Celey D. Keene



Analytical Results For:

CARMONA RESOURCES ASHTON THIELKE 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 04/11/2025 Reported: 04/14/2025

04/14/2025

mg/kg

SALADO DRAW 19 CTB

Project Number: 2662

Project Name:

BTEX 8021B

Project Location: LEA CO., NM

Sampling Date: 04/11/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: CS - 31 (4.5') (H252177-03)

	9/	9	7	<u></u>					
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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result Reporting Limit		Analyzed	d Method Blank		% Recovery	True Value QC	RPD	Qualifier
Chloride	160 16.0		04/14/2025 ND		432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	103	% 40.6-15	3						

Analyzed By: JH

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Celeg D. Freene



Analytical Results For:

CARMONA RESOURCES ASHTON THIELKE 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 04/11/2025 Reported: 04/14/2025

Project Name: SALADO DRAW 19 CTB

mg/kg

Project Number: 2662

Project Location: LEA CO., NM

Sampling Date: 04/11/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 14 (4.5') (H252177-04)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192 16.0		04/14/2025 ND		432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	107	% 40.6-15	3						

Analyzed By: JH

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Celey D. Keine



Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 04/11/2025 Reported: 04/14/2025

Project Name: SALADO DRAW 19 CTB

Project Number: 2662

Project Location: LEA CO., NM Sampling Date: 04/11/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: SW - 15 (4.5') (H252177-05)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	ed Method Blank		% Recovery	True Value QC	RPD	Qualifier
Chloride	272 16.0		04/14/2025 ND		432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	90.9	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 04/11/2025 Reported: 04/14/2025

SALADO DRAW 19 CTB

Project Name: Project Number: 2662

Project Location: LEA CO., NM Sampling Date: 04/11/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: SW - 16 (4.5') (H252177-06)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256 16.0		04/14/2025 ND		432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	97.3	% 40.6-15	3						

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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	humi 1		comments:				SW-16 (4.5')	SW-15 (4.5')	SW-14 (4.5')	CS-31 (4.5')	CS-30 (4.5')	CS-29 (4.5')	Sample Identification	Total Containers:	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	#	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone:	City, State ZIP:	Address:	Company Name:	Project Manager:				
	my	1					(4.5')	(4.5')	(4.5')	4.5')	4.5')	4.5')	tification		ls: Yes								(0	432-813-8988	Midland, TX 79701	310 W Wall St Ste 500	Carmona Resources	Ashton Thielke				
		Relinquished					4/11/2025	4/11/2025	4/11/2025	4/11/2025	4/11/2025	4/11/2025	Date		s No N/A	No	Yes No	Temp Blank:		KR	Lea County NM	2662	Salado Draw 19 CTB	8	79701	St Ste 500	sources	ke				
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	4-11-	D											mple C	scorbic	Zn Acetate+NaOH: Zn	Na ₂ S ₂ O ₃ : NaSO ₃	NABIS	₽	2		2 (٥	servat	Other:	RRP		RC	nts	e1	3		
1 1	1-35-1	Date/Time											Sample Comments	NaOH+Ascorbic Acid: SAPC	H: Zn				NaOH: Na	HNO: HN	MODE: 1	DI Water H ₂ O	Preservative Codes		Level IV		perfund		of_	20	,	
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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/ga/lab accred certif.html.

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

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

Celey D. Keene

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

CARMONA RESOURCES 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: Salado DRAW 19 CTB AND CS Sample Received By: Alyssa Parras

Applyand By 14

Project Location: LEA CO., NM

Sample ID: CS - 32 (4.5') (H252258-01)

DTEV 0021D

BTEX 8021B	mg,	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	04/16/2025	ND	448	112	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 :	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	96.9 % 40.6-153		3						

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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 Reported:

Sampling Date: 04/15/2025 Sampling Type: Soil

Project Name:

BTEX 8021B

04/16/2025

Sampling Condition: Cool & Intact

Project Number:

SALADO DRAW 19 CTB AND CS

Sample Received By:

2662

Analyzed By: JH

Alyssa Parras

Project Location: LEA CO., NM

Sample ID: CS - 33 (4.5') (H252258-02)

	9,	9	7	7: :					
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/16/2025	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	108	% 40.6-15	3						

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene



Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST, SUITE 500 MIDLAND TX, 79701

Fax To:

Received: 04/15/2025 Reported: 04/16/2025

Project Name: SALADO DRAW 19 CTB AND CS

Project Number: 2662

Project Location: LEA CO., NM Sampling Date: 04/15/2025

Sampling Type: Soil

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

Sample ID: CS - 34 (4.5') (H252258-03)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/16/2025	ND	448	112	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	110	% 40.6-15	3						

Applyzod By: 14

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Celey D. Keine



Sample Received By:

04/15/2025

Alyssa Parras

Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST, SUITE 500 MIDLAND TX, 79701

Fax To:

Received: 04/15/2025 Sampling Date:

Reported: 04/16/2025 Sampling Type: Soil Project Name: SALADO DRAW 19 CTB AND CS Sampling Condition: Cool & Intact

Project Number: 2662

Project Location: LEA CO., NM

Sample ID: SW - 17 (4.5') (H252258-04)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	04/16/2025	ND	448	112	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	98.7	% 40.6-15	3						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine

	5	you)a	Relinquished by: (Signature)							SW-1/ (4.5')) CS-34 (4.5)	CS-33 (4.5')	CS-32 (4.5')	cample identification	Sample Identification	Total Containers:	Seals:		Received Intact:	SAMPLE RECEIPT	PO#:	Sampler's Name:	Project Location	Project Number:		Phone: 432-813-8988	City, State ZIP: Midland, TX 79701		y Name:		
		appu								4/15/2025	4/15/2025	4/15/2025	4/15/2025	Date			Yes No N/A	Yes No N/A		Temp Blank:		KR	Lea Co, NM	2662	Salado Draw 19 CTB and	988	X 79701	310 West Wall Ste. 500	Carmona Resources	nielke	
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													•	Sample Comments	NaOH+Ascorbic Acid: SAPC	Zn Acetate+NaOH: Zn	Na ₂ S ₂ O ₃ : NaSO ₃	NaHSO ₄ : NABIS	HP	H ₂	HC.	Cool	NO	Preservative Codes		Other	rppp	S KKC		Page_	
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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/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

CARMONA RESOURCES 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 Project Name: SALADO DRAW 19 CTB AND CS Sampling Type: Soil

Project Name: SALA Project Number: 2662 Sampling Condition: Cool & Intact
Sample Received By: Shari Cisneros

Project Location: LEA CO., NM

mg/kg

Sample ID: CS - 35 (4.5') (H252293-01)

BTEX 8021B

	****91	9							
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/17/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	79.5	% 40.6-15	3						

Analyzed By: JH

Cardinal Laboratories *=Accredited Analyte

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Celey D. Kreine



Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 04/16/2025 Reported:

04/17/2025 SALADO DRAW 19 CTB AND CS

Project Name: Project Number: 2662

Project Location: LEA CO., NM Sampling Date: 04/16/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shari Cisneros

Sample ID: SW - 18 (4.5') (H252293-02)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/17/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	77.4	% 40.6-15	3						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



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

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Sample Comments			PH 8		4.1.	Corrected Temperature:	Correcte			Containers:
NaOH+Ascorbic Acid: SAPC			0151		0.16	Temperature Reading:	Tempera	NO N/A	eals: Yes	ple Custody Seals:
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Other:	ables: EDD ADaPT	Dollar			City, State ZIP:	0		701	Midland, TX 79701	State ZIP:
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omments	Work Order Comments		armona Resources							
Page 1 of 1 Page 5										
Work Order No: 13 Sad 3 of 5	Work Order No:									
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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/ga/lab accred certif.html.

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

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

Celey D. Keene

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

CARMONA RESOURCES ASHTON THIELKE 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 04/15/2025 Reported: 04/22/2025

SALADO DRAW 19 CTB AND CS

Project Name: SALAI Project Number: 2662

Project Location: LEA CO., NM

Sampling Date: 04/15/2025

Sampling Type: Soil

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

Sample ID: DF-1 (4.5') (H252268-01)

DTEV 0021D

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6960	16.0	04/16/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	68.1	% 40.6-15	3						

Applyand By 14

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Celey D. Keine



Analytical Results For:

CARMONA RESOURCES ASHTON THIELKE 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 04/15/2025 Reported: 04/22/2025

SALADO DRAW 19 CTB AND CS

ma/ka

Project Name: SALADO DRAW

Project Number: 2662
Project Location: LEA CO., NM

Sampling Date: 04/15/2025

Sampling Type: Soil

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

Sample ID: DF-2 (4.5') (H252268-02)

RTFY 8021R

BIEX 8021B	mg,	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7200	16.0	04/16/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	74.2	% 40.6-15	3						

Applyzod By: 14

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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 Reported: 04/22/2025

04/22/2025 Sampling Type: Soil

Project Name: SALADO DRAW 19 CTB AND CS

ma/ka

Project Number: 2662

Project Location: LEA CO., NM

Sampling Date: 04/15/2025

Sampling Condition: Cool & Intact

Sample Received By:

Alyssa Parras

Sample ID: DF-3 (4.5') (H252268-03)

RTFY 8021R

B1EX 8021B	mg,	/ kg	Anaiyze	а ву: ЈН					
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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6640	16.0	04/16/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	64.2	% 40.6-15	3						

Applyzod By: 14

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Celeg & Freene



Cool & Intact

Alyssa Parras

Analytical Results For:

CARMONA RESOURCES ASHTON THIELKE 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 04/15/2025 Reported: 04/22/2025 Sampling Date: 04/15/2025 Sampling Type: Soil

Sampling Condition:

Sample Received By:

Project Name: SALADO DRAW 19 CTB AND CS

2662

mg/kg

73.9 %

40.6-153

Project Location: LEA CO., NM

Sample ID: DF-4 (4.5') (H252268-04)

Project Number:

BTEX 8021B

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 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6000	16.0	04/16/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						

Analyzed By: JH

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Surrogate: 1-Chlorooctadecane



Analytical Results For:

CARMONA RESOURCES ASHTON THIELKE 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 04/15/2025 Reported: 04/22/2025 Sampling Date: 04/15/2025

Reported: 04/22/2025 Project Name: SALADO DRAW 19 CTB AND CS Sampling Type: Soil

Project Number: 2662

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

Project Location: LEA CO., NM

Sample ID: DF-5 (4.5') (H252268-05)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5120	16.0	04/16/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	72.4	% 40.6-15	3						

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Cool & Intact

Alyssa Parras

Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 04/15/2025 Reported:

Sampling Date: 04/15/2025 04/22/2025 Sampling Type: Soil

Project Name: SALADO DRAW 19 CTB AND CS

ma/ka

Sampling Condition: Sample Received By: 2662

Applyzod By: 14

Project Location: LEA CO., NM

Sample ID: DF-6 (4.5') (H252268-06)

Project Number:

RTFY 8021R

BIEX 8021B	mg/	^и кд	Anaiyze	а ву: ЈН					
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 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6240	16.0	04/16/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	ed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14.	5						
Surrogate: 1-Chlorooctadecane	74.4	% 40.6-15.	3						

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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 Reported: 04/22/2025 Sampling Date: 04/15/2025

Project Name:

Sampling Type: Soil

SALADO DRAW 19 CTB AND CS Project Number: 2662

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

Project Location: LEA CO., NM

Sample ID: DF-7 (4.5') (H252268-07)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4640	16.0	04/16/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	76.2	% 40.6-15	3						

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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 Reported: 04/22/2025

SALADO DRAW 19 CTB AND CS

ma/ka

Project Name:

Project Number: 2662

Project Location: LEA CO., NM Sampling Date: 04/15/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Alyssa Parras

Sample ID: DF-8 (4.5') (H252268-08)

RTFY 8021R

BIEX 8021B	mg/kg		Analyze	a 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3920	16.0	04/16/2025	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	68.9	% 40.6-15	3						

Applyzod By: 14

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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 Reported:

04/22/2025 SALADO DRAW 19 CTB AND CS

Project Name: Project Number: 2662

Project Location: LEA CO., NM Sampling Date: 04/15/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Alyssa Parras

Sample ID: DF-9 (4.5') (H252268-09)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 %	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2880	16.0	04/16/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	70.2	% 40.6-15	3						

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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 Reported: 04/22/2025

SALADO DRAW 19 CTB AND CS

Project Name: SALADO DRAW

2662

Project Location: LEA CO., NM

Sampling Date: 04/15/2025

Sampling Type: Soil

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

Sample ID: DF-10	(4.5') (H252268-10)	
BTEX 8021B	mg/kg	

Project Number:

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 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3840	16.0	04/16/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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					

Analyzed By: JH

Surrogate: 1-Chlorooctadecane 75.9 % 40.6-153

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Celey D. Keine



Analytical Results For:

CARMONA RESOURCES ASHTON THIELKE 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 04/15/2025 Reported: 04/22/2025

SALADO DRAW 19 CTB AND CS

Project Number: 2662

Project Name:

RTFY 8021R

Project Location: LEA CO., NM

Sampling Date: 04/15/2025

Sampling Type: Soil

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

Sample ID: DF-11 (4.5') (H252268-11)

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7360	16.0	04/16/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	70.2	% 40.6-15	3						

Applyzod By: 14

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Celey D. Keine



Analytical Results For:

CARMONA RESOURCES **ASHTON THIELKE** 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 04/15/2025 Reported: 04/22/2025

SALADO DRAW 19 CTB AND CS

Project Number: 2662

Project Name:

Project Location: LEA CO., NM Sampling Date: 04/15/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Alyssa Parras

Sample ID: DF-12 (4.5') (H252268-12)

BTEX 8021B	mg	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4560	16.0	04/16/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	79.7	% 40.6-15	3						

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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 Reported: 04/22/2025

SALADO DRAW 19 CTB AND CS

Project Name: SALADO DRAW

2662

Project Location: LEA CO., NM

Sampling Date: 04/15/2025

Sampling Type: Soil

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

Sample ID: DF-13 (4.5') (H252268-13)

Project Number:

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3920	16.0	04/16/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	76.0	% 40.6-15	3						

Applyzod By: 14

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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 Reported: 04/22/2025

SALADO DRAW 19 CTB AND CS

Project Name: Project Number: 2662

Project Location: LEA CO., NM Sampling Date: 04/15/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Alyssa Parras

Sample ID: DF-14 (4.5') (H252268-14)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3680	16.0	04/16/2025	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	88.9	% 40.6-15	3						

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Celey D. Keene



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

ecovery.

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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Celeg D. Freene

Company Name

Ashton Thielke

Bill to: (if different)
Company Name:

Carmona Resources

Program: UST/PST PRP Brownfields RRC

uperfund

Work Order Comments

Page

of

310 West Wall Ste. 500

Carmona Resources

Chain of Custody

Work Order No: 1252218

Page 17 of 18

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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/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

CARMONA RESOURCES ASHTON THIELKE 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 04/15/2025 Reported: 04/17/2025

SALADO DRAW 19 CTB AND CS

Project Name: SALA Project Number: 2662

Project Location: LEA CO., NM

Sampling Date: 04/11/2025

Sampling Type: Soil

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

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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/16/2025	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	81.6	% 40.6-15	3						

A I J D. ... 711

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Celey D. Keene



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

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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:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	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							
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 461244

QUESTI	ONS (continued)					
Operator: CHEVRON U S A INC	OGRID: 4323					
6301 Deauville Blvd Midland, TX 79706	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.					
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	gas only) are to be submitted on the C-129 form.					
Initial Response						
The responsible party must undertake the following actions immediately unless they could create a sa	afety hazard that would result in injury.					
The source of the release has been stopped	True					
The impacted area has been secured to protect human health and the environment	True					
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True					
All free liquids and recoverable materials have been removed and managed appropriately	True					
If all the actions described above have not been undertaken, explain why	Not answered.					
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative ed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.					
to report and/or file certain release notifications and perform corrective actions for relea the OCD does not relieve the operator of liability should their operations have failed to a	nowledge and understand that pursuant to OCD rules and regulations all operators are required ses which may endanger public health or the environment. The acceptance of a C-141 report by dequately investigate and remediate contamination that pose a threat to groundwater, surface does not relieve the operator of responsibility for compliance with any other federal, state, or					
I hereby agree and sign off to the above statement	Name: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com Date: 05/13/2025					

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QUESTIONS, Page 3

Action 461244

QUESTIONS (continued)

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	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				
Attach a comprehensive report der	monstrating the lateral and vertical extents of soil contamination a	associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.				
Have the lateral and vertica	l extents of contamination been fully delineated	Yes				
Was this release entirely co	ontained 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 CI 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 NM which includes the anticipated timelines for beginning and completing the remediation.					
On what estimated date wi	Il the remediation commence	04/07/2025				
On what date will (or did) th	ne final sampling or liner inspection occur	04/10/2025				
On what date will (or was) t	the remediation complete(d)	04/18/2025				
What is the estimated surfa	ace area (in square feet) that will be reclaimed	6168				
What is the estimated volur	me (in cubic yards) that will be reclaimed	48				
What is the estimated surfa	ace area (in square feet) that will be remediated	5880				
What is the estimated volur	me (in cubic yards) that will be remediated	750				
These estimated dates and measure	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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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 4

Action 461244

QUESTIONS (continued)

Operator:	OGRID:					
CHEVRON U S A INC	4323					
6301 Deauville Blvd	Action Number:					
Midland, TX 79706	461244					
	Action Type:					
	[C-141] Deferral Request C-141 (C-141-v-Deferral)					

QUESTIONS

Remediation Plan (continued)					
	appropriate district office no later than QQ days often the release discovery date				
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.)					
1177					
(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.

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	OGRID: 4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	461244
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)
QUESTIONS	
Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of	f the following items must be confirmed as part of any request for deferral of remediation.
Requesting a deferral of the remediation closure due date with the approval of this submission	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
	iately under or around production equipment such as production tanks, wellheads and pipelines where In may be deferred with division written approval until the equipment is removed during other operations, or when
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
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed e which includes the anticipated timelines for beginning and completing the remediation.	fforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC
to report and/or file certain release notifications and perform corrective actions for relethe OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are required asses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Amy Barnhill Title: Waste & Water Specialist

Email: ABarnhill@chevron.com

Date: 05/13/2025

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QUESTIONS, Page 6

Action 461244

QUESTIONS ((continued)
QUESTIONS!	COH I III I I I I C C I I

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	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	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	No

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CONDITIONS

Action 461244

CONDITIONS

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	461244
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

CONDITIONS

Created By		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