

SITE INFORMATION

Closure Report

8" Poly Apache's R4 Satellite/Redwood's Pecos Valley E Meter Incident ID: nAPP2318030017 Eddy County, New Mexico Unit H Sec 17 T18S R27E 32.749939°, -104.293164°

> Produced Water and Condensate Release Point of Release: Equipment Failure

> > **Release Date: 06/28/23**

Volume Released: 21 Barrels of Produced Water Volume Recovered: 0 Barrels of Produced Water

CARMONA RESOURCES

ABO-Redwood Pecks-8-P08082023 Incident ID: nAPP2322029113 Eddy County, New Mexico Unit H Sec 17 T18S R27E 32.7501070°, -104.2931440°

Incident ID: nAPP2322029113

Condensate Release and Natural Gas Release Point of Release: Equipment Failure

Release Date: 08/07/23

Volume Released: 15 Barrels of Condensate Volume Recovered: 0 Barrels of Condensate

> Prepared for: Durango Midstream 47 Conoco Rd. Maljamar, New Mexico 88264

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

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



TABLE OF CONTENTS

1.0 SITE INFORMATION AND BACKGROUND

2.0 SITE CHARACTERIZATION AND GROUNDWATER

3.0 NMAC REGULATORY CRITERIA

4.0 SITE ASSESSMENT ACTIVITIES

5.0 REMEDIATION ACTIVITIES

6.0 RECLAMATION ACTIVITIES

7.0 CONCLUSIONS

FIGURES

FIGURE 1 OVERVIEW FIGURE 2 TOPOGRAPHIC

FIGURE 3 SAMPLE LOCATION FIGURE 4-4D EXCAVATION

FIGURE 5 RECLAMATION

APPENDICES

APPENDIX A TABLES

APPENDIX B PHOTOS

APPENDIX C INITIAL AND FINAL C-141/NMOCD CORRESPONDENCE

APPENDIX D SITE CHARACTERIZATION AND GROUNDWATER

APPENDIX E LABORATORY REPORTS

APPENDIX F RECLAMATION CRITERIA

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



November 14, 2023

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

Re: Closure Report

Incident ID: nAPP2318030017 & nAPP2322029113

Durango Midstream

Site Location: Unit H S17 T18S, R27E (Lat 32.749939°, Long -104.293164°)

Eddy County, New Mexico

Mr. Bratcher:

On behalf of Durango Midstream (Durango), Carmona Resources, LLC has prepared this letter to document site activities for the 8" Poly Apache's R4 Satellite/Redwood's Pecos Valley E Meter and ABO-Redwood Pecks-8-P08082023. The sites are located at 32.749939, -104.293164 within Unit H, S17, T18S, R27E, in Eddy County, New Mexico (Figures 1 and 2).

2.0 Site Information and Background

nAPP2318030017

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on June 28, 2023, caused by a line leak due to deterioration. It resulted in the release of approximately twenty-one (21) barrels of produced water and zero (0) barrels of produced water recovered. The spill path is shown in Figure 3. The initial C-141 form is attached in Appendix C.

nAPP2322029113

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on August 7, 2023, due to a high-pressure threshold and extremely hot temperatures causing a polyline rupture. It resulted in the release of approximately fifteen (15) barrels of condensate and zero (0) barrels of condensate recovered. This spill path is directly on top of the initial release that occurred on June 28, 2023. The spill path is shown in Figure 3. The initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a high karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water source is within a 0.50-mile radius of the location. The nearest identified well is approximately 2.01 miles south of the site in S28, T18S, R27E and was drilled in 1960. The well has a reported groundwater depth of 100 feet below the ground surface (ft bgs). A copy of the associated Summary Report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

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



4.0 Site Assessment Activities

On July 18⁻ 2023, and August 29, 2023, Carmona Resources personnel were on site to perform site assessment activities to evaluate soil impacts stemming from both releases. A total of twelve (12) trenches (T-1 through T-12) and fifteen (15) horizontals were advanced to depths ranging from surface to 4' bgs inside and surrounding the release area to evaluate the vertical and horizontal extent. 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 an accredited laboratory. 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 300.0/4500. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

See Table 1 for the analytical results.

5.0 Remediation Activities

Carmona Resources personnel were onsite to supervise the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via email on September 15, 2023, per Subsection D of 19.15.29.12 NMAC. See Appendix C. A total of fifty-six (56) floor confirmation samples were collected (CS-1 through CS-56), and thirty-six (36) sidewall samples (SW-1 through SW-36) were collected every 200 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 4500. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figure 4. All final confirmation samples were below the regulatory requirements for TPH, BTEX, and chloride.

See Table 2 for the analytical results.

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 1,060 cubic yards of material were excavated and transported offsite for proper disposal.

6.0 Reclamation Activities

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. The backfilled areas were seeded on October 26, 2023. The appropriate pounds of pure live seed per acre were used. The seeds were applied via hand broadcasting method. The topsoil was raked onto the seed to aid the vegetation process. The seed mixture used was the BLM – LPC Sand/Shinnery Sites. (See attachments in Appendix F).

7.0 Conclusions

Based on the assessment results and the analytical data, no further actions are required at the site. The final C-141 is attached, and Durango formally requests the closure of both spills. If you have any questions regarding this report or need additional information, please get in touch with us at 432-813-1992.

Sincerely,

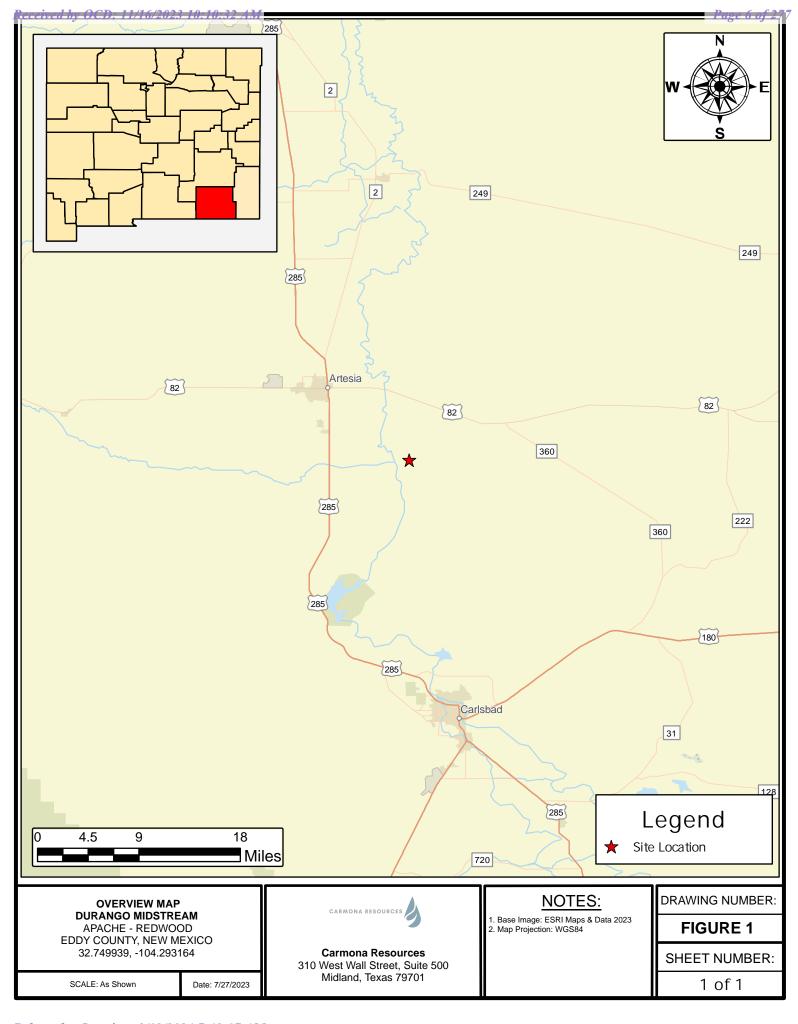
Carmona Resources, LLC

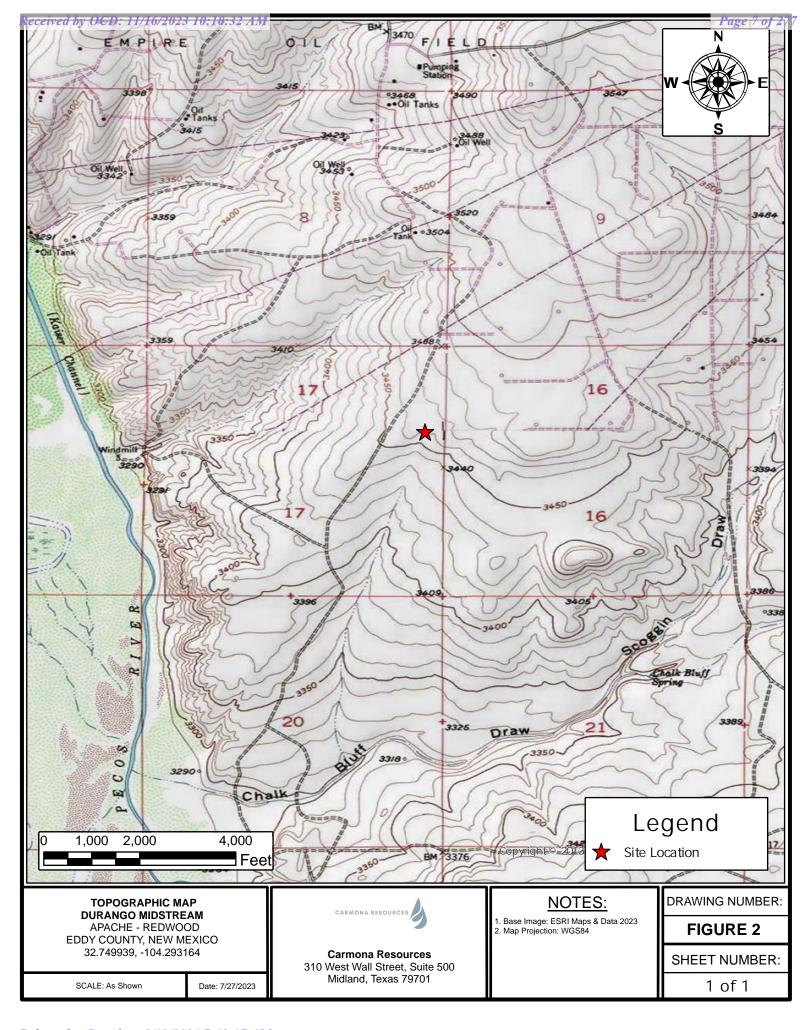
Conner Moehring Sr. Project Manager Clinton Merritt

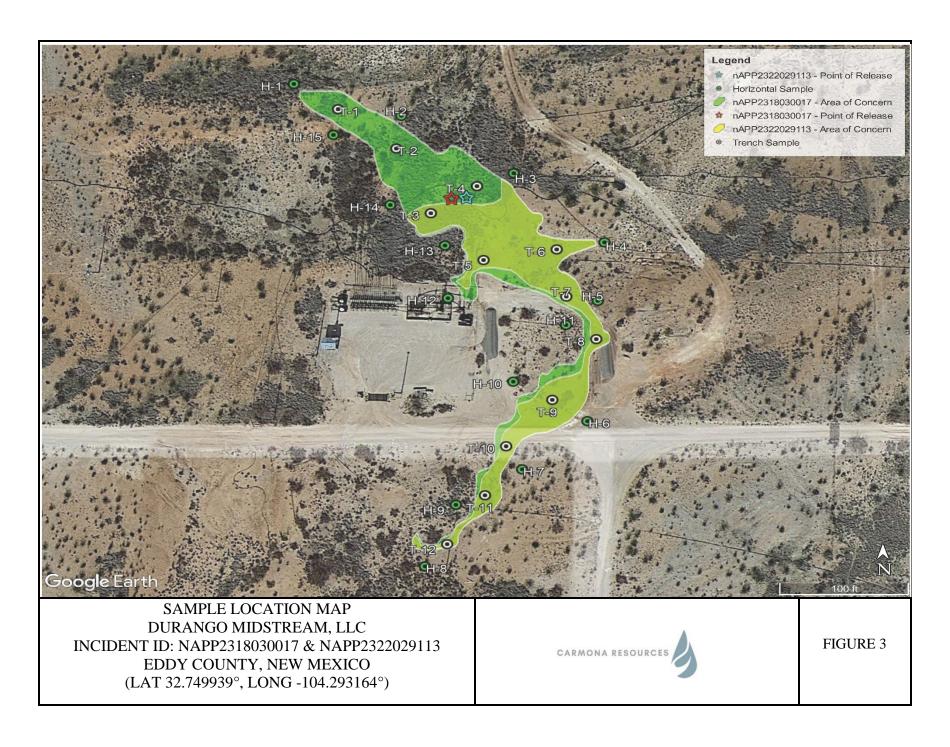
Sr. Project Manager

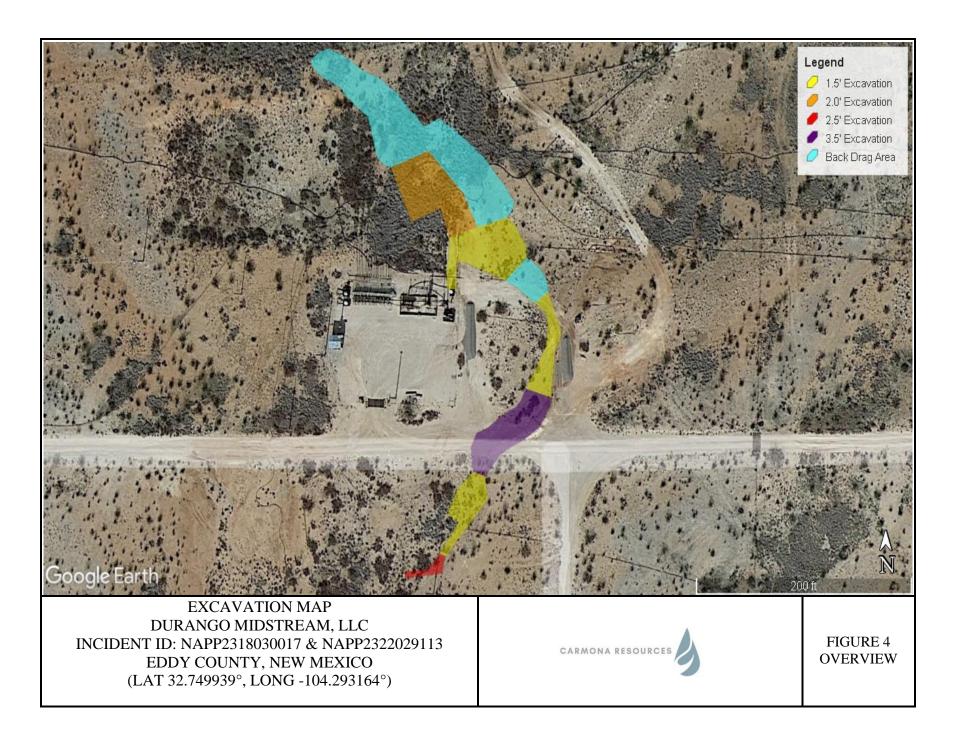
FIGURES

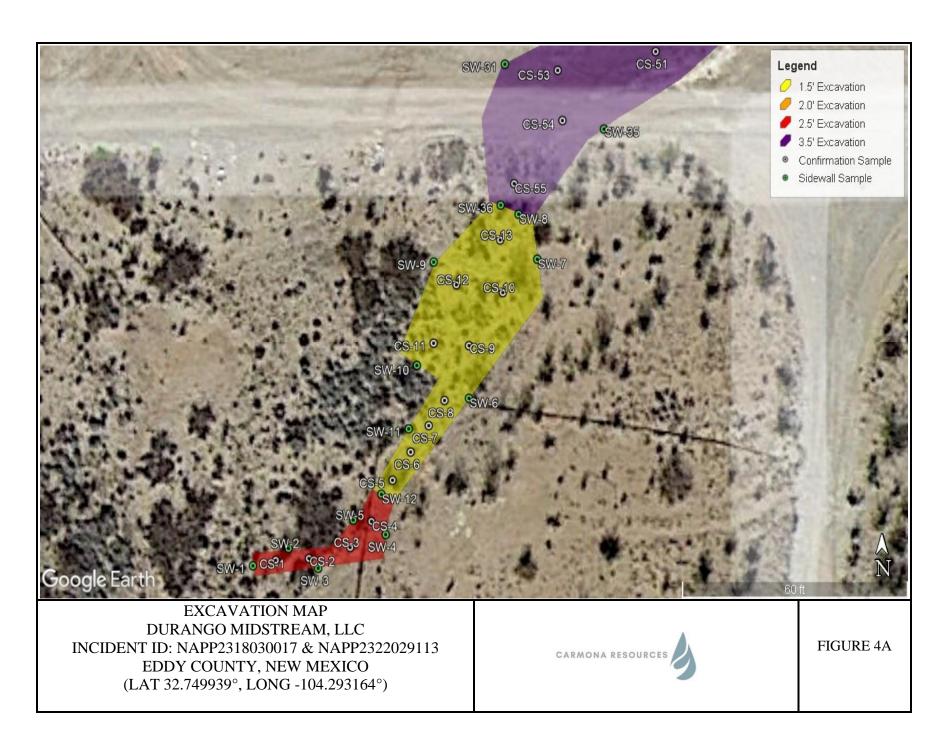
CARMONA RESOURCES

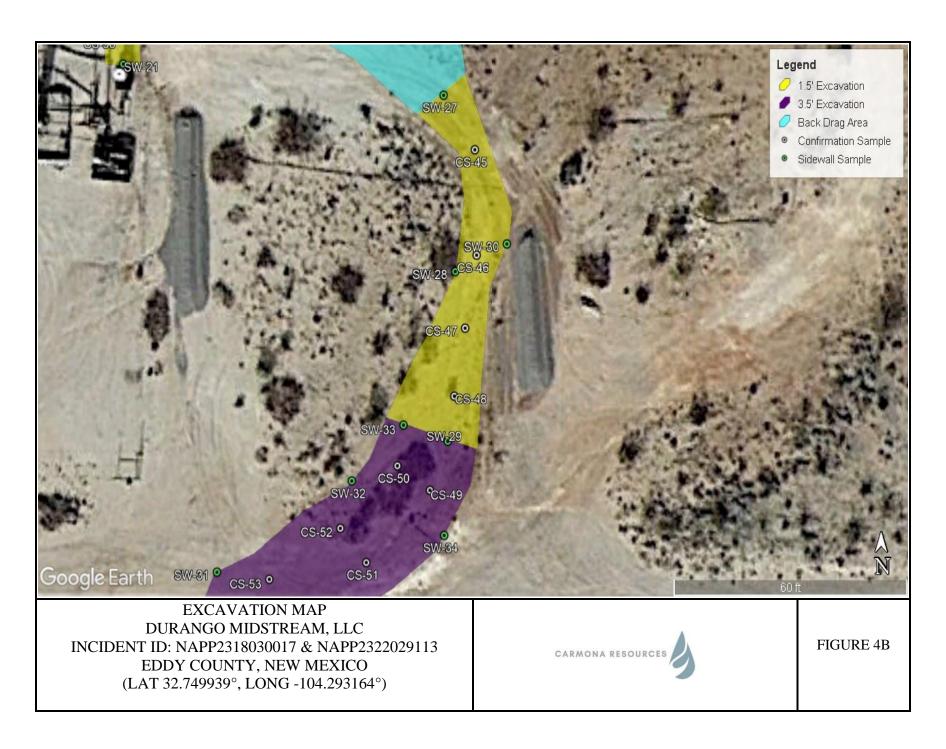


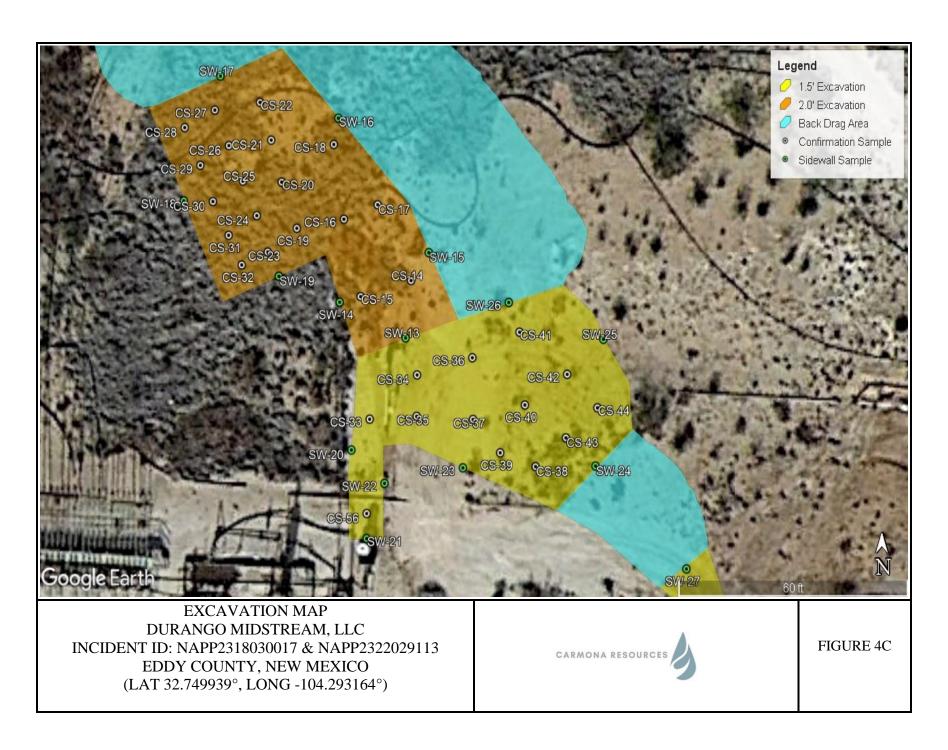


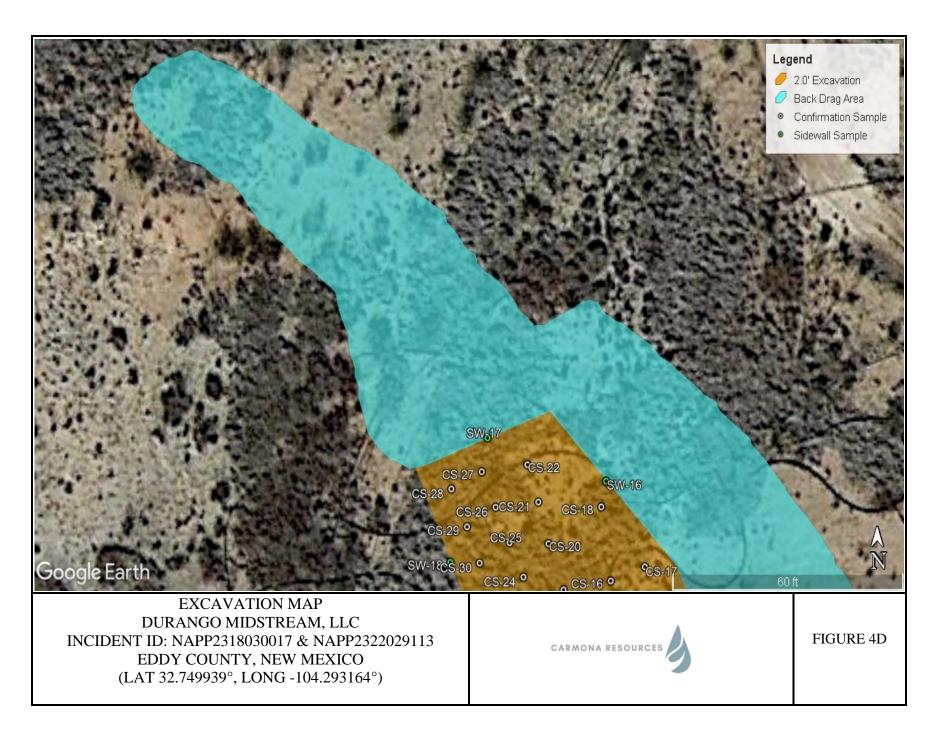


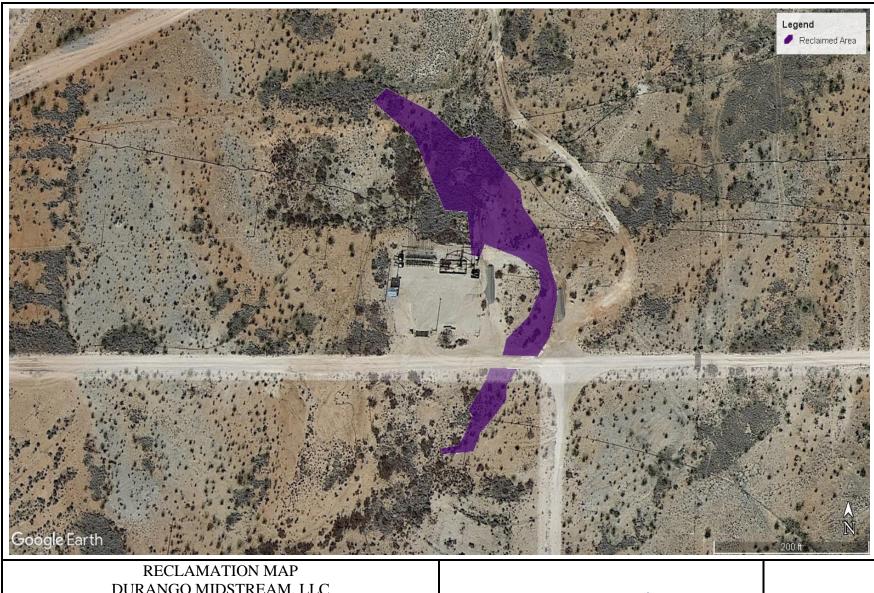












DURANGO MIDSTREAM, LLC
INCIDENT ID: NAPP2318030017 & NAPP2322029113
EDDY COUNTY, NEW MEXICO
(LAT 32.749939°, LONG -104.293164°)

CARMONA RESOURCES

FIGURE 5

APPENDIX A

CARMONA RESOURCES

Table 1
Durango Midstream
Incident ID: nAPP2318030017 & nAPP2322029113
Eddy County, New Mexico

		- 1 (c)		TPH	l (mg/kg)			Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
	8/30/2023	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
T-1	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	< 0.300	160
	"	2	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
	8/30/2023	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
T-2	"	2	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	< 0.300	16.0
	"	3	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	< 0.300	16.0
	II .	4	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
	8/30/2023	0-1	<10.0	118	11.6	129.6	<0.050	0.060	0.116	0.558	0.735	2,040
	"	1.5	94.4	44.0	<10.0	138.4	<0.050	0.386	0.294	3.10	3.78	80.0
T-3	"	2	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	< 0.300	32.0
	"	3	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	< 0.300	32.0
	"	4	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
	8/30/2023	0-1	19.9	51.6	<10.0	71.5	<0.050	<0.050	0.060	0.362	0.422	176
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
T-4	"	2	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	0.058	0.218	< 0.300	32.0
	"	3	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	II .	4	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
	8/30/2023	0-1	113	2360	470	2,943	<0.050	0.288	1.00	4.59	5.88	3,160
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
T-5	"	2	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
	"	3	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
	"	4	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
	8/30/2023	0-1	<10.0	429	158	587	<0.050	<0.050	<0.050	<0.150	<0.300	3,320
T-6	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
	"	2	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
	Regulatory Criteria ^A					100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg
() No	t Analyzed											

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

(T) Trench Sample

Removed

Table 1
Durango Midstream
Incident ID: nAPP2318030017 & nAPP2322029113
Eddy County, New Mexico

0	Data	Davids (ff)		TPH	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
	8/30/2023	0-1	<10.0	81.5	28.7	81.5	<0.050	<0.050	<0.050	<0.150	<0.300	368
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	288
T-7	"	2	<10.0	20.7	<10.0	20.7	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	"	3	<10.0	19.3	<10.0	19.3	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	"	4	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
	8/30/2023	0-1	<10.0	71.2	22.7	93.9	<0.050	<0.050	<0.050	<0.150	<0.300	1,390
	"	1.5	<10.0	22.6	<10.0	22.6	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
T-8	"	2	<10.0	16.7	<10.0	16.7	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
	"	3	<10.0	24.0	<10.0	24.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	"	4	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
	8/30/2023	0-1	<10.0	491	227	718	<0.050	<0.050	<0.050	<0.150	<0.300	624
T.0	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	640
T-9	"	2	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	640
	"	3	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	704
	8/30/2023	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	480
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	688
T 40	"	2	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	672
T-10	"	3	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	800
	"	4	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
	"	5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
	8/30/2023	0-1	<10.0	382	133	515	<0.050	<0.050	<0.050	<0.150	<0.300	160
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
T-11	"	2	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
	"	3	<10.0	29.7	<10.0	29.7	<0.050	<0.050	<0.050	<0.150	<0.300	128
	"	4	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
	8/30/2023	0-1	<10.0	40.2	<10.0	40.2	<0.050	<0.050	<0.050	<0.150	<0.300	2,120
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,470
T-12	"	2	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,600
	"	3	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
	"	4	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	528
Regulator	Regulatory Criteria A					100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

A – Table 1 - 19.15.29 NMAC Removed

TPH- Total Petroleum Hydrocarbons

ft-feet (T) Trench Sample

Removed

Table 1 **Durango Midstream** Incident ID: nAPP2318030017 & nAPP2322029113 **Eddy County, New Mexico**

0	D. I.	Donath (ff)		TPH	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
H-1	7/18/2023	(0-0.5')	<50.3	<50.3	<50.3	<50.3	<0.00200	0.00407	<0.00200	<0.00401	0.00407	168
H-2	7/18/2023	(0-0.5')	<49.5	<49.5	<49.5	<49.5	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	195
H-3	7/18/2023	(0-0.5')	<50.3	<50.3	<50.3	<50.3	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	122
H-4	7/18/2023	(0-0.5')	<50.4	<50.4	<50.4	<50.4	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	47.9
H-5	7/18/2023	(0-0.5')	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	591
H-6	7/18/2023	(0-0.5')	<49.6	133	<49.6	133	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	24.1
	8/29/2023	(0-0.5')	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-7	7/18/2023	(0-0.5')	<50.3	63.7	<50.3	63.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	233
H-8	7/18/2023	(0-0.5')	<50.4	<50.4	<50.4	<50.4	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	39.6
H-9	7/18/2023	(0-0.5')	<49.6	53.3	<49.6	53.3	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	31.0
H-10	7/18/2023	(0-0.5')	<49.9	70.6	<49.9	70.6	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	32.0
H-11	7/18/2023	(0-0.5')	<50.0	51.4	<50.0	51.4	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	47.1
H-12	7/18/2023	(0-0.5')	<50.2	801	82.2	883	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	246
11.12	8/29/2023	(0-0.5')	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-13	7/18/2023	(0-0.5')	<50.4	95.8	<50.4	95.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	27.1
H-14	7/18/2023	(0-0.5')	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	71.8
H-15	7/18/2023	(0-0.5')	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	78.0
	ry Criteria A					100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

^A – Table 1 - 19.15.29 NMAC mg/kg - milligram per kilogram
TPH- Total Petroleum Hydrocarbons
ft-feet
(H) Horizontals

Removed

Table 2
Durango Midstream
Incident ID: nAPP2318030017 & Napp2322029113
Eddy County, New Mexico

Comple ID	Date	Donath (ft)		ТРН	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
CS-1	9/21/2023	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-2	9/21/2023	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-3	9/21/2023	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-4	9/21/2023	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-5	9/21/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-6	9/21/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-7	9/21/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-8	9/21/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-9	9/21/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-10	9/21/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-11	9/21/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-12	9/21/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-13	9/21/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-14	9/21/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-15	9/21/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-16	9/21/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-17	9/21/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-18	9/21/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-19	9/21/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-20	9/21/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-21	9/21/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-22	9/21/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-23	9/21/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-24	9/21/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-25	9/21/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-26	9/21/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-27	9/21/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-28	9/21/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
	ry Criteria ^A Analyzed					100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

A – Table 1 - 19.15.29 NMAC mg/kg - milligram per kilogram TPH- Total Petroleum Hydrocarbons ft-feet (CS) Confirmation Smaple

Table 2
Durango Midstream
Incident ID: nAPP2318030017 & Napp2322029113
Eddy County, New Mexico

Sample ID	Date	Depth (ft)		TPH	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (it)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
CS-29	9/21/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-30	9/21/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-31	9/21/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-32	9/21/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-33	9/21/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-34	9/21/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-35	9/21/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-36	9/21/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-37	9/21/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-38	9/21/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-39	9/21/2023	1.5	<10.0	59.3	25.3	84.6	<0.050	<0.050	<0.050	<0.150	<0.300	400
CS-40	9/21/2023	1.5	<10.0	53.5	24.2	77.7	<0.050	<0.050	<0.050	<0.150	<0.300	368
CS-41	9/21/2023	1.5	<10.0	75.7	37.8	113.5	<0.050	<0.050	<0.050	<0.150	<0.300	432
30 41	9/28/2023	1.75	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-42	9/21/2023	1.5	<10.0	71.7	36.1	107.8	<0.050	<0.050	<0.050	<0.150	<0.300	416
	9/28/2023	1.75	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-43	9/21/2023	1.5	<10.0	50.6	26.8	77.4	<0.050	<0.050	<0.050	<0.150	<0.300	448
CS-44	9/21/2023	1.5	<10.0	54.6	23.8	78.4	<0.050	<0.050	<0.050	<0.150	<0.300	336
CS-45	9/21/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-46	9/21/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-47	9/21/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-48	9/21/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-49	9/21/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-50	9/21/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-51	9/21/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-52	9/21/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-53	9/21/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-54	9/21/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-55	9/21/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-56	9/21/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	ry Criteria ^A Analyzed					100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed

A – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH- Total Petroleum Hydrocarbons
ft-feet
(CS) Confirmation Smaple
Removed

Table 2
Durango Midstream
Incident ID: nAPP2318030017 & nAPP2322029113
Eddy County, New Mexico

Sample ID	Date	Donth (ft)		TPH	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SW-1	9/21/2023	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-2	9/21/2023	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-3	9/21/2023	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-4	9/21/2023	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-5	9/21/2023	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
SW-6	9/21/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-7	9/21/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-8	9/21/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-9	9/21/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-10	9/21/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-11	9/21/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-12	9/21/2023	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
SW-13	9/21/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-14	9/21/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
SW-15	9/21/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-16	9/21/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
SW-17	9/21/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-18	9/21/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
Regulato	ry Criteria ^A					100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

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

(SW) Sidewall Sample

Table 2
Durango Midstream
Incident ID: nAPP2318030017 & nAPP2322029113
Eddy County, New Mexico

Sample ID	Date	Donth (ft)		TPF	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SW-19	9/21/2023	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-20	9/21/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-21	9/21/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-22	9/21/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-23	9/21/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-24	9/21/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-25	9/21/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-26	9/21/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-27	9/21/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-28	9/21/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-29	9/21/2023	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-30	9/21/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-31	9/21/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-32	9/21/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-33	9/21/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-34	9/21/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-35	9/21/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-36	9/21/2023	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	ry Criteria A					100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

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

(SW) Sidewall Sample

APPENDIX B

CARMONA RESOURCES

PHOTOGRAPHIC LOG

Durango Midstream

Photograph No. 1

Facility: Incident ID: nAPP2318030017 &

nAPP2322029113

County: Eddy County, New Mexico

Description:

View Southeast of CS-1 through CS-13.



Photograph No. 2

Facility: Incident ID: nAPP2318030017 &

nAPP2322029113

County: Eddy County, New Mexico

Description:

View Southwest of CS-14 through CS-32.



Photograph No. 3

Facility: Incident ID: nAPP2318030017 &

nAPP2322029113

County: Eddy County, New Mexico

Description:

View North, area of CS-33 through CS-44.





PHOTOGRAPHIC LOG

Durango Midstream

Photograph No. 4

Facility: Incident ID: nAPP2318030017 &

nAPP2322029113

County: Eddy County, New Mexico

Description:

View Northeast of CS-45 through CS-51.



Photograph No. 5

Facility: Incident ID: nAPP2318030017 &

nAPP2322029113

County: Eddy County, New Mexico

Description:

View West of CS-52 and CS-56.



Photograph No. 6

Facility: Incident ID: nAPP2318030017 &

nAPP2322029113

County: Eddy County, New Mexico

Description:

View of the backfill and reseeded excavation.





PHOTOGRAPHIC LOG

Durango Midstream

Photograph No. 7

Facility: Incident ID: nAPP2318030017 &

nAPP2322029113

County: Eddy County, New Mexico

Description:

View of the backfill and reseeded excavation.



Photograph No. 8

Facility: Incident ID: nAPP2318030017 &

nAPP2322029113

County: Eddy County, New Mexico

Description:

View of the backfill and reseeded excavation.



Photograph No. 9

Facility: Incident ID: nAPP2318030017 &

nAPP2322029113

County: Eddy County, New Mexico

Description:

View of the backfill and reseeded excavation.



APPENDIX C

CARMONA RESOURCES

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

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	nAPP2318030017
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible	Party Fr	ontier Field Servi	ces	OGRID	221115					
Contact Nan	ne Lu	upe Carrasco		Contact T	Felephone 575-725-0787					
Contact ema	il go	carrasco@durar	ıgomidstream.c	om Incident #	Incident # (assigned by OCD) nAPP2318030017					
Contact mail	ing address	47 Conoco								
			Location	of Release S	ource					
Latitude 32.749939 Longitude -104.293164										
	(NAD 83 in decimal degrees to 5 decimal places)									
Site Name	obolo D4 S	atellite/Redwood'	a Dagga Vallay E	Site Type	Pipeline					
Date Release	Discovered	6/28/23	s recos valley E	API# (if ap	pplicable)					
Unit Letter	Section	Township	Range	Cou	County					
Н	17	18S	27E	Eddy						
Surface Owne	r: State	▼ Federal □ Tr	ribal 🔲 Private ()	Name:)					
Surface 5 Wife	🗀 51	E-reacian E-ri								
			Nature and	d Volume of	Release					
				calculations or specifi	c justification for the volumes provided below)					
Crude Oi	1	Volume Release	d (bbls)		Volume Recovered (bbls)					
X Produced	Water	Volume Release	d (bbls) 21		Volume Recovered (bbls)					
			ion of dissolved c	hloride in the	Yes No					
X Condensa	nte	Volume Release			Volume Recovered (bbls) 0					
Natural C		Volume Release		20	Volume Recovered (Mcf)					
Other (de			Released (provide		Volume/Weight Recovered (provide units)					
other (de	561106)	v orame, vv eight	receased (provide	e umus)	voidine, weight recovered (provide dinas)					
Cause of Rel	ease									
	8"	SDR 17 line leak	due to line deter	rioration						
10										

Received by OCD: 11/16/2023 10:10:32 AM Form C-141 State of New Mexico Page 2 Oil Conservation Division

73	20		~ ^	_	_
Page	29	n1	٠,	1	7
I ugc		\mathbf{v}_{J}	-	1	1

Incident ID	nAPP2318030017
District RP	
Facility ID	
Application ID	

Was this a major	If YES, for what reason(s) does the respon	sible party consider this a major release?
release as defined by 19.15.29.7(A) NMAC?	> 500 mcf	
X Yes □ No		
If YES, was immediate no	otice given to the OCD? By whom? To wh	om? When and by what means (phone, email, etc)?
Notice given by	email to NMOCD Artesia and BLM pe	er spill release email.
	Initial Ro	esponse
The responsible p	party must undertake the following actions immediatel	vunless they could create a safety hazard that would result in injury
x The source of the rele	ease has been stopped.	
	s been secured to protect human health and	the environment.
Released materials ha	ave been contained via the use of berms or d	ikes, absorbent pads, or other containment devices.
X All free liquids and re	ecoverable materials have been removed and	l managed appropriately.
If all the actions described	d above have <u>not</u> been undertaken, explain v	vhy:
has begun, please attach	a narrative of actions to date. If remedial	emediation immediately after discovery of a release. If remediation efforts have been successfully completed or if the release occurred lease attach all information needed for closure evaluation.
regulations all operators are public health or the environr failed to adequately investig	required to report and/or file certain release notinent. The acceptance of a C-141 report by the Cate and remediate contamination that pose a thre	pest of my knowledge and understand that pursuant to OCD rules and fications and perform corrective actions for releases which may endanger CD does not relieve the operator of liability should their operations have at to groundwater, surface water, human health or the environment. In responsibility for compliance with any other federal, state, or local laws
	Carrasco	
Signature: Luf	se Carrasco	Date:6/29/23
-	rangomidstream.com	Telephone: 575-725-0787
OCD Only		
Received by:		Date:



	Gas Release Volu	me Calcul	ator		
Date:		6/28/2023			
Site or Line Name:	8" SDR 17 poly	8" SDR 17 poly line from the Apache's R4 and Redwood's Pecos valley E.			
Area of Hole in Pipe:	8		square inches		
Absolute Pressure:	70	psia - absolute pressure (psia = psig gauge pressure + 14.7)			
Duration of Release:	90.00	minutes			
Actual Temperature:	107	Degrees F			
Representative Gas Analysis		Please attach or email a representative gas analysis			
Constants					
Temperature at standard conditions:	60	Deg. F			
Pressure at standard conditions:	14.7	14.7 PSIA			
Volume of Gas - Actual Conditions	1,127.28 MACF				
Volume of Gas - Standard Conditions	4,922.77	4,922.77 MSCF			

Notes
Entered by user
Calculated Value
Constant

Note:

Apache-Redwood 6/29/2023

Liquid Volume Release Report



Liquid Release Volume Calculator								
Date:		6/28/2023						
Site or Line Name:	8"	SDR po	ly line fro	m Apache's	R4 and Redv	vood's Pec	os valley E.	
Soil Type	Porosity	Length	Width	Depth (.083 per inch)	Cubic Feet	Estimated Barrels	Soil Type	
Clay	0.15				0	0.00	Clay	
Sandy Clay	0.12				0	0.00	Sandy Clay	
Silt	0.16				0	0.00	Silt	
Fine Sand	0.16				0	0.00	Fine Sand	
Medium Sand	0.25				0	0.00	Medium Sand	
Coarse Sand	0.26				0	0.00	Coarse Sand	
Gravely Sand	0.26				0	0.00	Gravely Sand	
Fine Gravel	0.26				0	0.00	Fine Gravel	
Medium Gravel	0.20	200	4	0.75	600	21.39	Medium Gravel	
Coarse Gravel	0.18				0	0.00	Coarse Gravel	
Sandstone	0.25				0	0.00	Sandstone	
Siltstone	0.18				0	0.00	Siltstone	
Limestone	0.13				0	0.00	Limestone	
Basalt	0.19				0	0.00	Basalt	
Standing Liquids	Χ	0	0	0	0	0.00	Standing Liquids	

Choose the one prevailing ground type for estimating spill volumes at a single location. Standing liquids are figured separately using the green cell.

Note that the depth should be measured in feet and tenths of feet (1 inch = .083)

Cubic Feet = L x W x D

Estimated Barrels = ((Cubic Feet x Porosity) / 5.61)

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

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	nAPP2322029113
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible F	^{Party} Fro	ontier Field Servio	ces	OGRID	221115
Contact Name Lupe Carrasco		Contact To	elephone 575-725-0787		
Contact email	gc	arrasco@duran	gomidstream.c	om Incident #	(assigned by OCD) nAPP2322029113
Contact maili	ng address	47 Conoco	Rd. Maljamar,	NM 88264	
			Location	of Release S	ource
Latitude 32	2.7501070)		Longitude _	-104.2931440
			(NAD 83 in dec	cimal degrees to 5 decir	nal places)
Site Name	ABO-Redv	vood Pecks-8-P	08082023	Site Type	Pipeline
Date Release I	Discovered	08/07/20)23	API# (if app	plicable)
Unit Letter	Section	Township	Range	Cour	nty
Н	17	18S	27E	Eddy	5
		X Federal Tr		,)
			Nature and	l Volume of l	Release
	Materia			calculations or specific	justification for the volumes provided below)
Crude Oil		Volume Release			Volume Recovered (bbls)
Produced \	Water	Volume Release			Volume Recovered (bbls)
		Is the concentrat	ion of dissolved c >10.000 mg/l?	hloride in the	Yes No
X Condensat	e	Volume Release			Volume Recovered (bbls) 0
X Natural Ga	ıs	Volume Release	d (Mcf) 24,85	3	Volume Recovered (Mcf) 0
Other (des	cribe)	Volume/Weight	Released (provide	e units)	Volume/Weight Recovered (provide units)
Cause of Rele	^{ase} Hiç	gh pressure thre	shold and extre	emely hot temper	ratures causing SDR17 poly line to rupture.

Received by OCD: 11/16/2023 10:10:32 AM Form C-141 State of New Mexico Page 2 Oil Conservation Division

Page 33 of 277

Incident ID	nAPP2322029113
District RP	
Facility ID	
Application ID	

Was this a major	If YES, for what reason(s) does the respon	sible party consider this a major release?
release as defined by	>500 mcf	
19.15.29.7(A) NMAC?		
X Yes No		
If YES, was immediate no	otice given to the OCD? By whom? To wh	om? When and by what means (phone, email, etc)?
NMOCD Po	ortal	
	Initial Ro	esponse
m u i		
The responsible p	party must undertake the following actions immediately	unless they could create a safety hazard that would result in injury
x The source of the rele	ease has been stopped.	
X The impacted area ha	s been secured to protect human health and	the environment.
Released materials ha	ave been contained via the use of berms or d	ikes, absorbent pads, or other containment devices.
X All free liquids and re	ecoverable materials have been removed and	l managed appropriately.
If all the actions described	d above have <u>not</u> been undertaken, explain v	vhy:
Per 19.15.29.8 B. (4) NM	AC the responsible party may commence re	emediation immediately after discovery of a release. If remediation
		efforts have been successfully completed or if the release occurred
		lease attach all information needed for closure evaluation.
		pest of my knowledge and understand that pursuant to OCD rules and ications and perform corrective actions for releases which may endanger
public health or the environr	ment. The acceptance of a C-141 report by the O	CD does not relieve the operator of liability should their operations have
		at to groundwater, surface water, human health or the environment. In responsibility for compliance with any other federal, state, or local laws
and/or regulations.		
Printed Name: Lupe C	Carrasco	Title: Sr. Environmental Specialist
Signature: Lup	os Carrasco	Date: 08/08/2023
	rangomidstream.com	Telephone: 575-725-0787
<u> </u>		2 31-Priority
OCD Only		
Received by:		Date:
1.0001104 0 3.		

Liquid Volume Release Report



Liquid Release Volume Calculator									
Date:		8/7/2023							
Site or Line Name:			ABO	D-Pecks Vall	ey E - 8" Poly	/ Line			
Soil Type	Porosity	Porosity Length Width Depth Cubic Feet Estimated Barrels Soil Type							
Clay	0.15				0	0.00	Clay		
Sandy Clay	0.12				0	0.00	Sandy Clay		
Silt	0.16				0	0.00	Silt		
Fine Sand	0.16				0	0.00	Fine Sand		
Medium Sand	0.25				0	0.00	Medium Sand		
Coarse Sand	0.26	100	39	0.083	323.7	15.00	Coarse Sand		
Gravely Sand	0.26				0	0.00	Gravely Sand		
Fine Gravel	0.26				0	0.00	Fine Gravel		
Medium Gravel	0.20				0	0.00	Medium Gravel		
Coarse Gravel	0.18				0	0.00	Coarse Gravel		
Sandstone	0.25				0	0.00	Sandstone		
Siltstone	0.18				0	0.00	Siltstone		
Limestone	0.13				0	0.00	Limestone		
Basalt	0.19				0	0.00	Basalt		
Standing Liquids	Х	0	0	0	0	0.00	Standing Liquids		

Choose the one prevailing ground type for estimating spill volumes at a single location. Standing liquids are figured separately using the green cell.

Note that the depth should be measured in feet and tenths of feet (1 inch = .083)

Cubic Feet = L x W x D

Estimated Barrels = ((Cubic Feet x Porosity) / 5.61)



	Gas Release Volu	ıme Calcul	ator		
Date:		8/7/2023			
Site or Line Name:		ABO-Pecks Valley E - 8" Poly Line			
Area of Hole in Pipe:	12		square inches		
Absolute Pressure:	91.7	psia - absolute pressure (psia = psig gauge pressure + 14.7)			
Duration of Release:	180.00	minutes			
Actual Temperature:	118.2	Degrees F			
Representative Gas Analysis		Please attach or email a representative gas analysis			
Constants					
Temperature at standard conditions:	60	Deg. F			
Pressure at standard conditions:	14.7	14.7 PSIA			
Volume of Gas - Actual Conditions	4,430.21	4,430.21 MACF			
Volume of Gas - Standard Conditions	24,852.72 MSCF				

Notes
Entered by user
Calculated Value
Constant

Note:

Spill Release Vol Calc Wrkbk (003) 8/8/2023 Received by OCD: 11/16/2023 10:10:32 AM Form C-141 State of New Mexico
Page 3 Oil Conservation Division

	Page 36 of 277
Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	(ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☐ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☐ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☐ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☐ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☐ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☐ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☐ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☐ No
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ☐ No
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and ver contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	tical extents of soil
Characterization Report Checklist: Each of the following items must be included in the report.	
Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring well Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release Boring or excavation logs Photographs including date and GIS information Topographic/Aerial maps Laboratory data including chain of custody	ls.

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

Received by OCD: 11/16/2023 10:10:32 AM Form C-141 State of New Mexico Page 4 Oil Conservation Division

	Page 37 of 27	77
Incident ID		
District RP		
Facility ID		
Application ID		

I hereby certify that the information given above is true and complete to the regulations all operators are required to report and/or file certain release not public health or the environment. The acceptance of a C-141 report by the failed to adequately investigate and remediate contamination that pose a thr addition, OCD acceptance of a C-141 report does not relieve the operator of and/or regulations.	OCD does not relieve the operator of liability should their operations have eat to groundwater, surface water, human health or the environment. In
Printed Name:	
Signature: Lups Carrasco	Date:11/16/23
email:	Telephone:
OCD Only	
Received by: Shelly Wells	Date: <u>11/16/2023</u>

Received by OCD: 11/16/2023 10:10:32 AM Form C-141 State of New Mexico
Page 6 Oil Conservation Division

	1 uge 30 0j 2
Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

Closure Report Attachment Checklist: Each of the following is	tems must be included in the closure report.
☐ A scaled site and sampling diagram as described in 19.15.29.1	1 NMAC
Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate ODC	C District office must be notified 2 days prior to final sampling)
☐ Description of remediation activities	
* Original gas volumes should be amended to 10.34 MCF (nAPP2322029113) and 8.05 MCF (nAPP2318030017).
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and rereluman health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regular restore, reclaim, and re-vegetate the impacted surface area to the coaccordance with 19.15.29.13 NMAC including notification to the O	ntions. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in OCD when reclamation and re-vegetation are complete.
Printed Name:	Title:
Signature: Lups Carrasco	Date:
email:	Telephone:
OCD Only	
Received by: Shelly Wells	Date: <u>11/16/2023</u>
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.
Closure Approved by:	Date:
Printed Name:	Title:

Conner Moehring

From: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>

Sent: Friday, September 15, 2023 11:53 AM

To: Clint Merritt

Cc: Mike Carmona; Conner Moehring; Devin Dominguez; Guadalupe Carrasco; Hamlet,

Robert, EMNRD; Bratcher, Michael, EMNRD

Subject: RE: [EXTERNAL] Sampling Notification 8" POLY APACHE'S R4 SATELLITE/REDWOOD'S

PECOS VALL (06.28.2023) Incident #: nAPP2318030017

The OCD has received your notification. Include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thank you, Scott

Scott Rodgers ● Environmental Specialist
Environmental Bureau
EMNRD - Oil Conservation Division
8801 Horizon Blvd. NE, Suite 260 | Albuquerque, NM 87113
505.469.1830 | scott.rodgers@emnrd.nm.gov
http://www.emnrd.nm.gov/ocd



From: Clint Merritt < Merritt C@carmonaresources.com>

Sent: Friday, September 15, 2023 10:11 AM

To: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov>

Cc: Mike Carmona < Mcarmona@carmonaresources.com>; Conner Moehring < Cmoehring@carmonaresources.com>; Devin Dominguez < Ddominguez@carmonaresources.com>; Guadalupe Carrasco < gcarrasco@durangomidstream.com> **Subject:** [EXTERNAL] Sampling Notification 8" POLY APACHE'S R4 SATELLITE/REDWOOD'S PECOS VALL (06.28.2023)

Incident #: nAPP2318030017

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

Good Morning,

On behalf of Durango Midstream, Carmona Resources will be collecting confirmation samples at the below-referenced site on Wednesday, 9/20/2023 at 8:00 AM Mountain Time. Please let me know if you have any questions.

Durango Midstream - 8" POLY APACHE'S R4 SATELLITE/REDWOOD'S PECOS VALL (06.28.2023) Incident #: nAPP2318030017

Clinton Merritt 310 West Wall Street, Suite 500 Midland TX, 79701

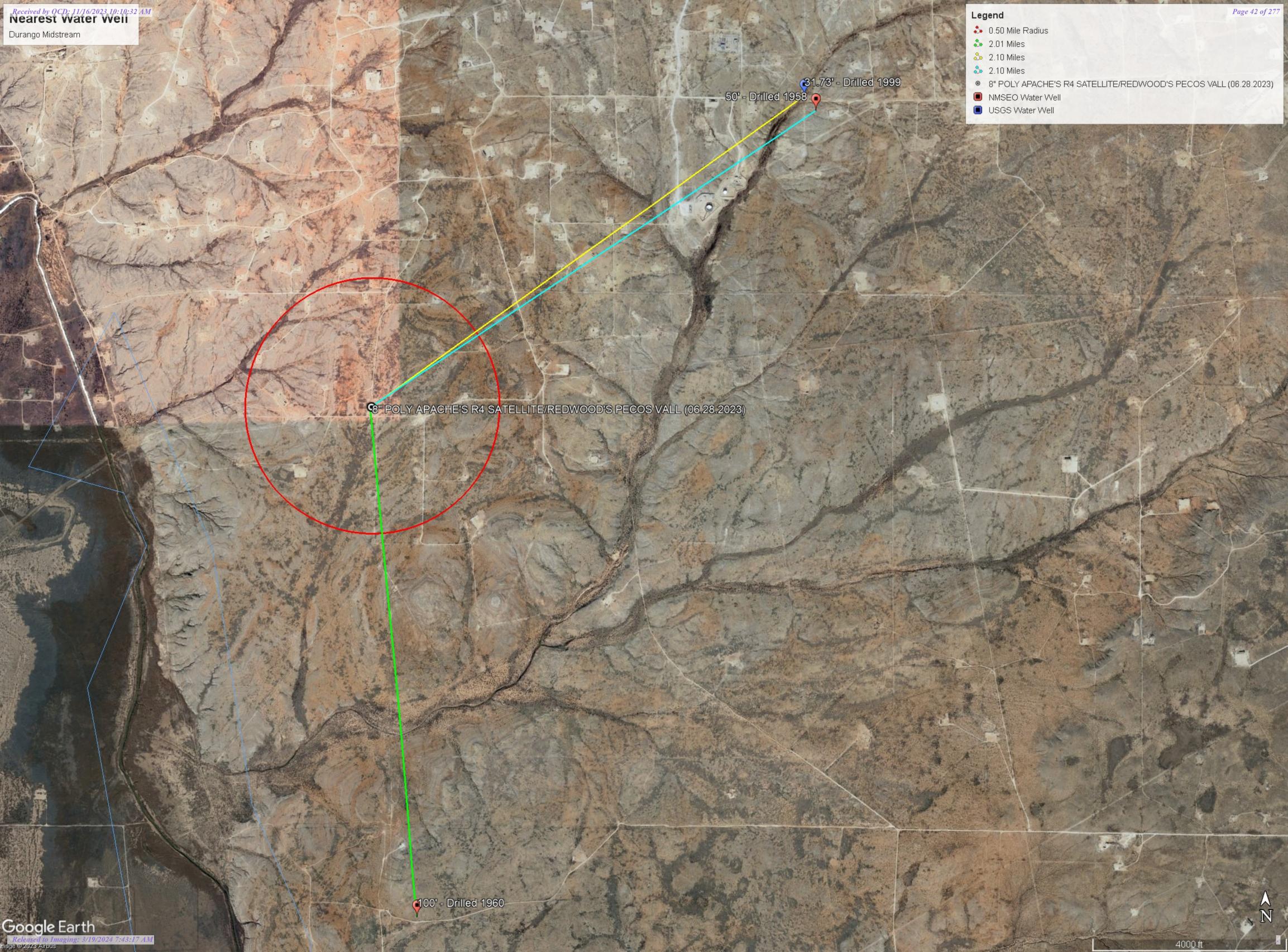
M: 432-813-9044

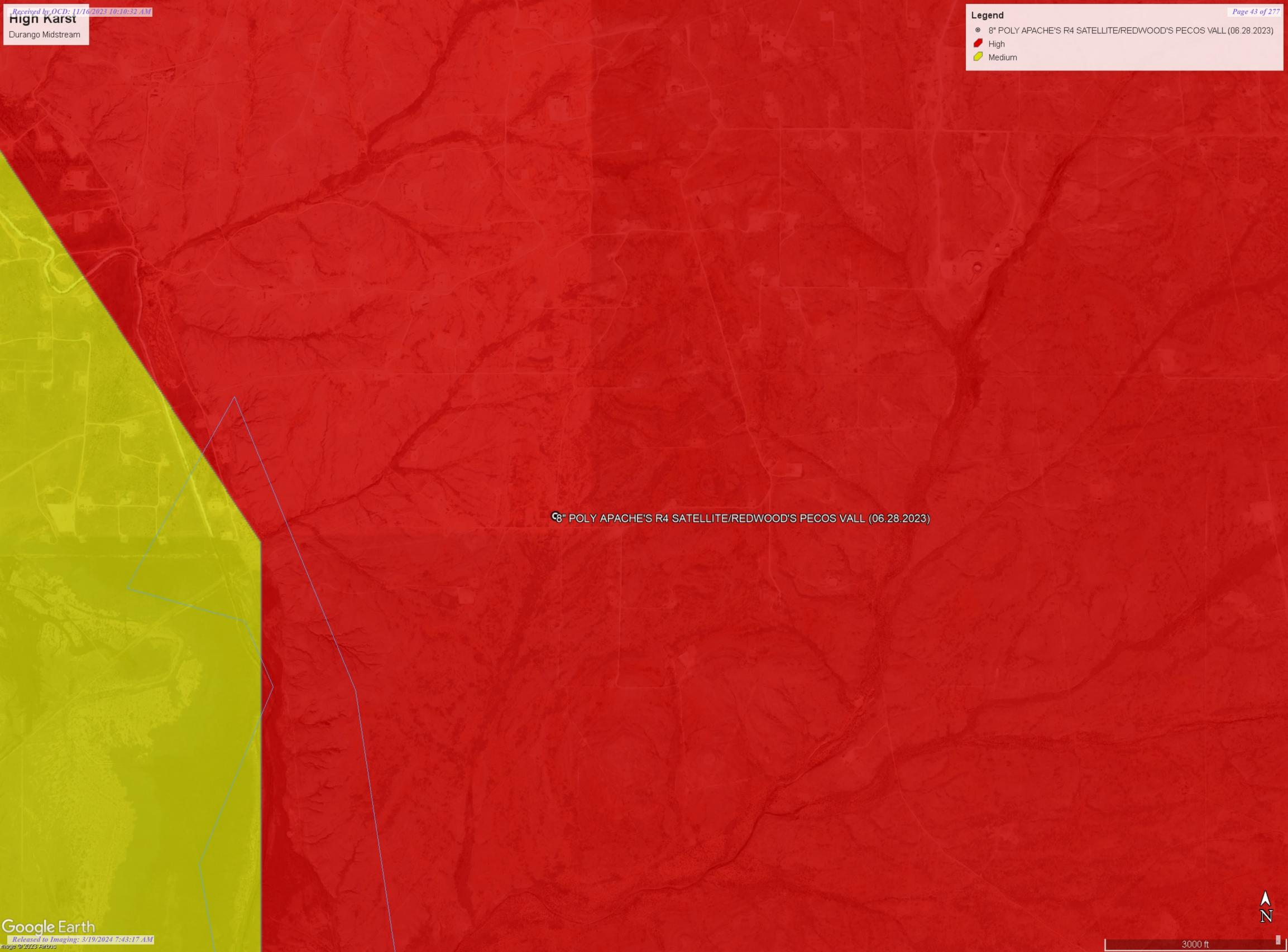
MerrittC@carmonaresources.com



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 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters) (In feet)

,	POD												
	Sub-		Q	Q	Q						Depth	Depth	Water
POD Number	Code basin	County	64	16	4 S	ec Tw	Rng	X	Y	Distance	Well	Water	Column
RA 03714	RA	СН	4	4	2	08 185	3 27E	566212	3625253* 🎒	1467	381		
RA 04298	RA	ED		1	2	19 189	3 27E	564082	3622523*	2479	92		
RA 04211	RA	СН		3	1	28 189	3 27E	566512	3620562*	3237	120	100	20
RA 03917	RA	LE	4	1	2	10 189	3 27E	569019	3625660*	3371	130	50	80
RA 12280 POD3	RA	ED	4	4	2	30 189	3 27E	564647	3620494 🎒	3646	29	17	12
RA 06091	RA	ED	1	2	3	29 189	3 27E	565211	3620222*	3702	90	17	73
RA 12280 POD1	RA	ED	1	4	2	30 189	3 27E	564352	3620584	3704	25	13	12
RA 12280 POD2	RA	ED	3	4	2	30 189	3 27E	564502	3620428	3769	25	18	7
RA 03409	RA	ED	1	4	2	24 189	3 26E	562763	3622210* 🎒	3795	175	18	157

Average Depth to Water:

33 feet

Minimum Depth:

13 feet

Maximum Depth:

100 feet

Record Count: 9

UTMNAD83 Radius Search (in meters):

Easting (X): 566216 Radius: 4000 Northing (Y): 3623786

*UTM location was derived from PLSS - see Help

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



New Mexico Office of the State Engineer

Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number**

Q64 Q16 Q4 Sec Tws Rng 18S

X

566512 3620562*

Driller License:

RA 04211

Driller Company:

WESTERN PUMP & SUPPLY

Driller Name:

05/23/1960

Drill Finish Date:

05/24/1960

Plug Date:

Drill Start Date: Log File Date:

05/24/1960

7.00

PCW Rcv Date:

Source:

Shallow

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size:

Depth Well:

120 feet

Depth Water:

100 feet

Water Bearing Stratifications:

Bottom Description

Top 110

120 Limestone/Dolomite/Chalk

Casing Perforations:

102

Top

Bottom 120

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.

6/30/23 9:05 AM

POINT OF DIVERSION SUMMARY

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



New Mexico Office of the State Engineer

Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

569019

Well Tag **POD Number**

Q64 Q16 Q4 Sec Tws Rng

3625660*

Driller License: 111

RA 03917

Driller Company:

BURKE, EDWARD B.

Driller Name:

Drill Start Date: 07/31/1958 **Drill Finish Date:**

07/31/1958

Plug Date:

Log File Date:

08/06/1958

PCW Rcv Date:

Source:

Artesian

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size:

Depth Well:

130 feet

Depth Water: 50 feet

*UTM location was derived from PLSS - see Help

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

6/30/23 9:10 AM

POINT OF DIVERSION SUMMARY



Click to hideNews Bulletins

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

Groundwater levels for New Mexico

Click to hide state-specific text

Important: <u>Next Generation Monitoring Location Page</u>

Search Results -- 1 sites found

Agency code = usgs site_no list =

324603104155001

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 324603104155001 18S.27E.10.213223

Eddy County, New Mexico

Latitude 32°46'03", Longitude 104°15'50" NAD27

Land-surface elevation 3,479 feet above NAVD88

The depth of the well is 130 feet below land surface.

This well is completed in the Other aguifers (N9999OTHER) national aguifer.

This well is completed in the Artesia Group (313ARTS) local aquifer.

Output formats

Tab-separated data

Table of data

Graph of da Deselect per	_									
Date	Time	? Water- level date- time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
1961-12-28	3	D	62610		3430.16	NGVD29	1	Z		
1961-12-28	3	D	62611		3431.72	NAVD88	1	Z		
1961-12-28	3	D	72019	47.28			1	Z		
1962-01-04	4	D	62610		3430.13	NGVD29	1	Z		
1962-01-04	4	D	62611		3431.69	NAVD88	1	Z		
1962-01-04	4	D	72019	47.31			1	Z		
1963-01-07	7	D	62610		3428.69	NGVD29	1	Z		
1963-01-07	7	D	62611		3430.25	NAVD88	1	Z		
1963-01-07	7	D	72019	48.75			1	Z		
1963-07-23	3	D	62610		3429.23	NGVD29	1	Z		
1963-07-23	3	D	62611		3430.79	NAVD88	1	Z		
1963-07-23	3	D	72019	48.21			1	Z		
1963-08-30)	D	62610		3429.16	NGVD29	1	Z		
1963-08-30)	D	62611		3430.72	NAVD88	1	Z		

20, 7.40 AW			0000 010	unawater	IOI INEW MEXICO. VV	ator Levels 1	- 1 31103			
Date	Time	? Water-level date-time accuracy	? Parameter code		Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status		
963-08-30	D	72019	48.28			1	Z			
1963-00-30	D	62610	40.20	3431.85	NGVD29	1	Z			
1963-09-04	D			3433.41		1	Z			
1963-09-04	D		45.59	3 1331 12		1	Z			
1963-10-01	D			3431.71	NGVD29	1	Z			
1963-10-01	D	62611		3433.27		1	Z			
1963-10-01	D		45.73			1	Z			
1963-11-22	D			3431.28	NGVD29	1	Z			
1963-11-22	D	62611		3432.84		1	Z			
1963-11-22	D	72019	46.16			1	Z			
1964-01-09	D	62610		3430.52	NGVD29	1	Z			
1964-01-09	D	62611		3432.08	NAVD88	1	Z			
1964-01-09	D	72019	46.92			1	Z			
1966-01-24	D	62610		3436.15	NGVD29	1	Z			
1966-01-24	D	62611		3437.71	NAVD88	1	Z			
1966-01-24	D	72019	41.29			1	Z			
1984-02-09	D	62610		3455.28	NGVD29	1	Z			
1984-02-09	D	62611		3456.84	NAVD88	1	Z			
1984-02-09	D	72019	22.16			1	Z			
1984-03-01	D	62610		3456.08	NGVD29	1	Z			
1984-03-01	D	62611		3457.64	NAVD88	1	Z			
1984-03-01	D	72019	21.36			1	Z			
1989-02-02	D	62610		3458.03	NGVD29	1	Z			
1989-02-02	D	62611		3459.59	NAVD88	1	Z			
1989-02-02	D	72019	19.41			1	Z			
1994-02-24	D	62610		3444.77	NGVD29	1	S			
1994-02-24	D	62611		3446.33	NAVD88	1	S			
1994-02-24	D	72019	32.67			1	S			
1999-01-19	D	62610		3445.71	NGVD29	1	S	USGS		
1999-01-19	D	62611		3447.27	NAVD88	1	S	USGS		
1999-01-19	D	72019	31.73			1	S	USGS		

Explanation

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



News

Accessibility

FOIA

Privacy

Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey
Title: Groundwater for New Mexico: Water Levels

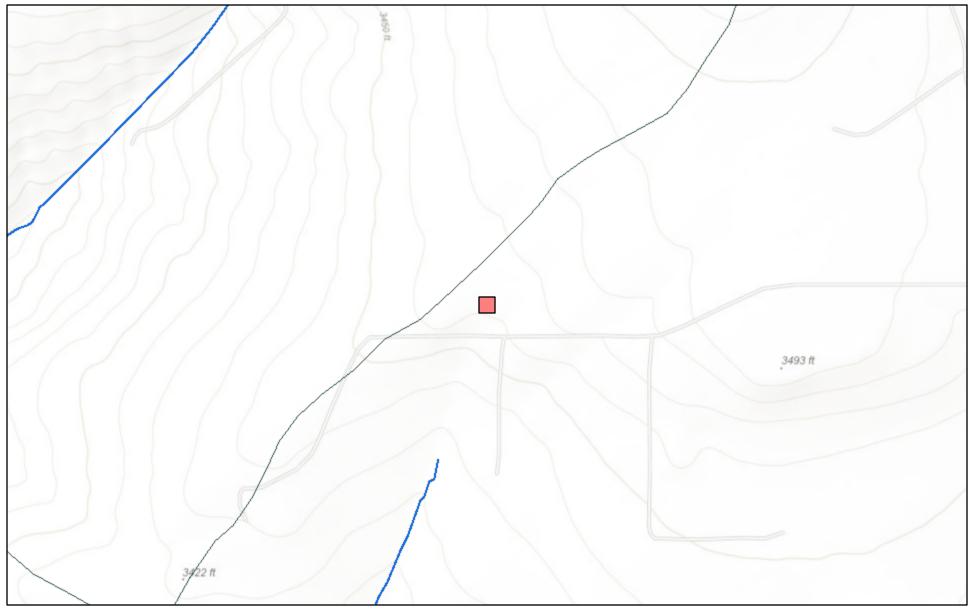
URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?

Page Contact Information: <u>New Mexico Water Data Maintainer</u> Page Last Modified: 2023-07-03 08:47:25 EDT

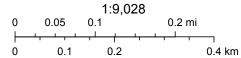
0.29 0.24 nadww02



New Mexico NFHL Data



June 30, 2023



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

APPENDIX E

CARMONA RESOURCES

Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 7/31/2023 3:23:10 PM

JOB DESCRIPTION

Apache-Redwood SDG NUMBER Eddy County New Mexico

JOB NUMBER

880-30945-1

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 7/31/2023 3:23:10 PM

Authorized for release by Jessica Kramer, Project Manager <u>Jessica.Kramer@et.eurofinsus.com</u> (432)704-5440 Client: Carmona Resources Project/Site: Apache-Redwood Laboratory Job ID: 880-30945-1 SDG: Eddy County New Mexico

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	18
QC Sample Results	20
QC Association Summary	25
Lab Chronicle	29
Certification Summary	34
Method Summary	35
Sample Summary	36
Chain of Custody	37
Racaint Chacklists	39

4

6

<u>'</u>

9

11

12

14

Definitions/Glossary

Job ID: 880-30945-1 Client: Carmona Resources Project/Site: Apache-Redwood SDG: Eddy County New Mexico

Qualifiers

GC VOA

Qualifier **Qualifier Description**

Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier **Qualifier Description**

S1+ Surrogate recovery exceeds control limits, high biased. Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier **Qualifier Description**

Indicates the analyte was analyzed for but not detected.

Glossary

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

Listed under the "D" column to designate that the result is reported on a dry weight basis

%R Percent Recovery CFL Contains Free Liquid CFU Colony Forming Unit CNF Contains No Free Liquid

DER Duplicate Error Ratio (normalized absolute difference)

Dil Fac **Dilution Factor**

Detection Limit (DoD/DOE) DΙ

DL, RA, RE, IN Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample

DLC Decision Level Concentration (Radiochemistry)

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

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

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

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

NFG Negative / Absent POS Positive / Present PQL Practical Quantitation Limit

PRES Presumptive QC **Quality Control**

RER Relative Error Ratio (Radiochemistry)

RL Reporting Limit or Requested Limit (Radiochemistry)

Relative Percent Difference, a measure of the relative difference between two points RPD

TEF Toxicity Equivalent Factor (Dioxin) TEQ Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

Case Narrative

Client: Carmona Resources

Job ID: 880-30945-1

Project/Site: Apache-Redwood

SDG: Eddy County New Mexico

Job ID: 880-30945-1

Laboratory: Eurofins Midland

Narrative

Job Narrative 880-30945-1

Receipt

The samples were received on 7/19/2023 10:47 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 1.5°C

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: (CCV 880-58416/33). Evidence of matrix interferences is not obvious.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-58416 recovered above the upper control limit for Ethylbenzene, m-Xylene & p-Xylene and o-Xylene. 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 880-58416/33).

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

GC Semi VOA

Method $8015MOD_NM$: Surrogate recovery for the following samples were outside control limits: H-2 (0-0.5') (880-30945-2), H-3 (0-0.5') (880-30945-3), H-4 (0-0.5') (880-30945-4), H-5 (0-0.5') (880-30945-5), H-6 (0-0.5') (880-30945-6), H-7 (0-0.5') (880-30945-7), H-8 (0-0.5') (880-30945-8), H-9 (0-0.5') (880-30945-9), H-10 (0-0.5') (880-30945-10), H-11 (0-0.5') (880-30945-11), H-12 (0-0.5') (880-30945-12), H-13 (0-0.5') (880-30945-13), H-14 (0-0.5') (880-30945-14), H-15 (0-0.5') (880-30945-15), (MB 880-58523/1-A), (880-30945-A-1-I MS) and (880-30945-A-1-J 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

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

__

3

4

5

6

8

1 በ

4.0

13

114

Client: Carmona Resources

Job ID: 880-30945-1

Project/Site: Anacha Redwood

SDC: Eddy County New Mexico

Project/Site: Apache-Redwood SDG: Eddy County New Mexico

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

Lab Sample ID: 880-30945-1

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

Date Collected: 07/18/23 00:00

Matrix: Solid

Date Received: 07/19/23 10:47

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/25/23 13:51	07/26/23 00:18	1
Toluene	0.00407		0.00200		mg/Kg		07/25/23 13:51	07/26/23 00:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/25/23 13:51	07/26/23 00:18	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		07/25/23 13:51	07/26/23 00:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/25/23 13:51	07/26/23 00:18	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/25/23 13:51	07/26/23 00:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				07/25/23 13:51	07/26/23 00:18	1
1,4-Difluorobenzene (Surr)	94		70 - 130				07/25/23 13:51	07/26/23 00:18	1
Method: TAL SOP Total BTEX -	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00407		0.00401		mg/Kg			07/26/23 09:30	1
Method: SW846 8015 NM - Dies	el Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	ME	1114	_			
			KL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3		50.3	MIDL	mg/Kg	<u>D</u>	Prepared	Analyzed 07/31/23 16:05	Dil Fac
Total TPH Method: SW846 8015B NM - Die	<50.3	U	50.3	MDL		D	Prepared		
- -	<50.3	U	50.3			D	Prepared		1
Method: SW846 8015B NM - Die Analyte Gasoline Range Organics	<50.3	nics (DRO) Qualifier	50.3 (GC)		mg/Kg		<u> </u>	07/31/23 16:05	1 Dil Fac
Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	<50.3 esel Range Orga Result	Unics (DRO) Qualifier	50.3 (GC)		mg/Kg		Prepared	07/31/23 16:05 Analyzed	1 Dil Fac
Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10	<50.3 ssel Range Orga Result <50.3	nics (DRO) Qualifier U	50.3 (GC) RL 50.3		mg/Kg Unit mg/Kg		Prepared 07/26/23 09:28	07/31/23 16:05 Analyzed 07/28/23 20:48	1 Dil Fac
Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<50.3 esel Range Orga Result <50.3 <50.3	Dics (DRO) Qualifier U U	50.3 (GC) RL 50.3 50.3		mg/Kg Unit mg/Kg mg/Kg		Prepared 07/26/23 09:28 07/26/23 09:28	07/31/23 16:05 Analyzed 07/28/23 20:48 07/28/23 20:48	1 Dil Fac
Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	<50.3 esel Range Orga Result <50.3 <50.3 <50.3	Dics (DRO) Qualifier U U	50.3 (GC) RL 50.3 50.3 50.3		mg/Kg Unit mg/Kg mg/Kg		Prepared 07/26/23 09:28 07/26/23 09:28 07/26/23 09:28	07/31/23 16:05 Analyzed 07/28/23 20:48 07/28/23 20:48	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) Oll Range Organics (Over C28-C36) Surrogate	<50.3 esel Range Orga Result <50.3 <50.3 <50.3 %Recovery	Dics (DRO) Qualifier U U	50.3 (GC) RL 50.3 50.3 50.3 Limits		mg/Kg Unit mg/Kg mg/Kg		Prepared 07/26/23 09:28 07/26/23 09:28 07/26/23 09:28 Prepared	07/31/23 16:05 Analyzed 07/28/23 20:48 07/28/23 20:48 07/28/23 20:48 Analyzed	Dil Fac
Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	<50.3 esel Range Orga Result <50.3 <50.3 <50.3 <50.3 <8covery 106 117	Oualifier U U Qualifier U Qualifier	50.3 (GC) RL 50.3 50.3 50.3 Limits 70 - 130 70 - 130		mg/Kg Unit mg/Kg mg/Kg		Prepared 07/26/23 09:28 07/26/23 09:28 07/26/23 09:28 Prepared 07/26/23 09:28	07/31/23 16:05 Analyzed 07/28/23 20:48 07/28/23 20:48 Analyzed 07/28/23 20:48	Dil Fac
Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	<50.3 esel Range Orga Result <50.3 <50.3 <50.3 <50.3 *Recovery 106 117 n Chromatograp	Oualifier U U Qualifier U Qualifier	50.3 (GC) RL 50.3 50.3 50.3 Limits 70 - 130 70 - 130	MDL	mg/Kg Unit mg/Kg mg/Kg		Prepared 07/26/23 09:28 07/26/23 09:28 07/26/23 09:28 Prepared 07/26/23 09:28	07/31/23 16:05 Analyzed 07/28/23 20:48 07/28/23 20:48 Analyzed 07/28/23 20:48	Dil Fac

Client Sample ID: H-2 (0-0.5')

Date Collected: 07/18/23 00:00

Lab Sample ID: 880-30945-2

Matrix: Solid

Date Collected: 07/18/23 00:00
Date Received: 07/19/23 10:47

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/25/23 13:51	07/26/23 00:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/25/23 13:51	07/26/23 00:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/25/23 13:51	07/26/23 00:39	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/25/23 13:51	07/26/23 00:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/25/23 13:51	07/26/23 00:39	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/25/23 13:51	07/26/23 00:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				07/25/23 13:51	07/26/23 00:39	1
1,4-Difluorobenzene (Surr)	108		70 - 130				07/25/23 13:51	07/26/23 00:39	1

Eurofins Midland

2

3

5

9

11

13

Client: Carmona Resources Project/Site: Apache-Redwood Job ID: 880-30945-1

SDG: Eddy County New Mexico

Client Sample ID: H-2 (0-0.5')

Date Collected: 07/18/23 00:00 Date Received: 07/19/23 10:47 Lab Sample ID: 880-30945-2

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			07/26/23 09:30	1
Method: SW846 8015 NM - Diese	Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.5	U	49.5		mg/Kg			07/31/23 16:05	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	<49.5	U	49.5		mg/Kg		07/26/23 09:28	07/28/23 21:53	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.5	U	49.5		mg/Kg		07/26/23 09:28	07/28/23 21:53	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.5	U	49.5		mg/Kg		07/26/23 09:28	07/28/23 21:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115	-	70 - 130				07/26/23 09:28	07/28/23 21:53	1
o-Terphenyl	132	S1+	70 - 130				07/26/23 09:28	07/28/23 21:53	1
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solub	le						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	195		5.00		mg/Kg			07/24/23 11:51	

Client Sample ID: H-3 (0-0.5') Lab Sample ID: 880-30945-3 Date Collected: 07/18/23 00:00 **Matrix: Solid**

Date Received: 07/19/23 10:47

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		07/25/23 13:51	07/26/23 01:00	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/25/23 13:51	07/26/23 01:00	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/25/23 13:51	07/26/23 01:00	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		07/25/23 13:51	07/26/23 01:00	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/25/23 13:51	07/26/23 01:00	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		07/25/23 13:51	07/26/23 01:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				07/25/23 13:51	07/26/23 01:00	1
	109		70 ₋ 130				07/25/23 13:51	07/26/23 01:00	1
1,4-Difluorobenzene (Surr) Method: TAL SOP Total BTEX Analyte	- Total BTEX Cald	culation Qualifier	70 - 730 RL	MDL	Unit	D	Prepared	Analyzed	
Method: TAL SOP Total BTEX	- Total BTEX Cald			MDL	Unit	D			
Method: TAL SOP Total BTEX	- 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 <0.00396 esel Range Organ	Qualifier U	RL 0.00396		mg/Kg	=	Prepared	Analyzed 07/26/23 09:30	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte	- Total BTEX Calc Result <0.00396 esel Range Organ Result	Qualifier U ics (DRO) (Qualifier	RL 0.00396	MDL	mg/Kg	<u>D</u>		Analyzed 07/26/23 09:30 Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die	- Total BTEX Calc Result <0.00396 esel Range Organ	Qualifier U ics (DRO) (Qualifier	RL 0.00396		mg/Kg	=	Prepared	Analyzed 07/26/23 09:30	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte	- Total BTEX Calc Result <0.00396 esel Range Organ Result <50.3	Qualifier U ics (DRO) (Qualifier U	RL 0.00396 GC) RL 50.3		mg/Kg	=	Prepared	Analyzed 07/26/23 09:30 Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH	- Total BTEX Calc Result <0.00396 esel Range Organ Result <50.3	Qualifier U ics (DRO) (Qualifier U	RL 0.00396 GC) RL 50.3		mg/Kg Unit mg/Kg	=	Prepared	Analyzed 07/26/23 09:30 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 <0.00396 esel Range Organ Result <50.3	Qualifier U ics (DRO) (Qualifier U nics (DRO) Qualifier	RL 0.00396 GC) RL 50.3	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 07/26/23 09:30 Analyzed 07/31/23 16:05	Dil Fac

Job ID: 880-30945-1

Client: Carmona Resources Project/Site: Apache-Redwood SDG: Eddy County New Mexico

Lab Sample ID: 880-30945-3 **Client Sample ID: H-3 (0-0.5')** Date Collected: 07/18/23 00:00

Matrix: Solid

Date Received: 07/19/23 10:47

Method: SW846 8015B NM - Dies	sel Range Orga	nics (DRO)	(GC) (Continue	ed)					
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		07/26/23 09:28	07/28/23 22:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane			70 - 130				07/26/23 09:28	07/28/23 22:14	1
o-Terphenyl	136	S1+	70 - 130				07/26/23 09:28	07/28/23 22:14	1
_									

Method: EPA 300.0 - Anions, Ion Ch	romatography - Soluble						
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	122	4.96	mg/Kg			07/24/23 11:56	1

Client Sample ID: H-4 (0-0.5') Lab Sample ID: 880-30945-4 **Matrix: Solid**

Date Collected: 07/18/23 00:00

Method: SW846 8021B - Volatile	e Organic Comp	ounds (GC))						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00201	U	0.00201		mg/Kg		07/25/23 13:51	07/26/23 01:20	
Toluene	< 0.00201	U	0.00201		mg/Kg		07/25/23 13:51	07/26/23 01:20	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/25/23 13:51	07/26/23 01:20	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/25/23 13:51	07/26/23 01:20	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/25/23 13:51	07/26/23 01:20	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/25/23 13:51	07/26/23 01:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				07/25/23 13:51	07/26/23 01:20	1
1,4-Difluorobenzene (Surr)	108		70 - 130				07/25/23 13:51	07/26/23 01:20	1
Analyte	Result	Qualifier	RL	MDL	Unit	<u>D</u>	Prepared	Analyzed	
Analyte Total BTEX	<0.00402	Qualifier U	0.00402	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 07/26/23 09:30	
Method: TAL SOP Total BTEX - Analyte Total BTEX Method: SW846 8015 NM - Dies Analyte	Result <0.00402	Qualifier U	0.00402	MDL MDL	mg/Kg	D	Prepared Prepared		Dil Fac
Analyte Total BTEX Method: SW846 8015 NM - Dies	Result <0.00402	Qualifier U ics (DRO) (Qualifier	0.00402 GC)		mg/Kg			07/26/23 09:30	1
Analyte Total BTEX Method: SW846 8015 NM - Dies Analyte Total TPH	Result <0.00402 sel Range Organ Result <50.4	Qualifier U ics (DRO) (Qualifier U	0.00402 GC) RL 50.4		mg/Kg			07/26/23 09:30 Analyzed	1
Analyte Total BTEX Method: SW846 8015 NM - Dies Analyte Total TPH Method: SW846 8015B NM - Dies	sel Range Organ Result <50.4 esel Range Organ Result <50.4	Qualifier U ics (DRO) (Qualifier U	0.00402 GC) RL 50.4		mg/Kg Unit mg/Kg			07/26/23 09:30 Analyzed	Dil Fac
Analyte Total BTEX Method: SW846 8015 NM - Dies Analyte Total TPH Method: SW846 8015B NM - Die Analyte	sel Range Organ Result <50.4 esel Range Organ Result <50.4	Qualifier U ics (DRO) (Qualifier U nics (DRO) Qualifier	0.00402 GC) RL 50.4 (GC)	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared	07/26/23 09:30 Analyzed 07/31/23 16:05	Dil Fac
Analyte Total BTEX Method: SW846 8015 NM - Dies Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics	sel Range Organ Result <50.4 esel Range Organ Result Result Result Result Result Result Result	Qualifier U ics (DRO) (Qualifier U nics (DRO) Qualifier	0.00402 GC) RL 50.4 (GC) RL	MDL	mg/Kg Unit mg/Kg Unit	<u>D</u>	Prepared Prepared	07/26/23 09:30 Analyzed 07/31/23 16:05 Analyzed	Dil Fac
Analyte Total BTEX Method: SW846 8015 NM - Dies Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10	sel Range Organ Result <50.4 esel Range Organ Result Result Result Result Result Result Result	Qualifier U ics (DRO) (Qualifier U nics (DRO) Qualifier U	0.00402 GC) RL 50.4 (GC) RL	MDL	mg/Kg Unit mg/Kg Unit	<u>D</u>	Prepared Prepared	07/26/23 09:30 Analyzed 07/31/23 16:05 Analyzed	Dil Fac
Analyte Total BTEX Method: SW846 8015 NM - Dies Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result <pre></pre> <pre> Result </pre>	Qualifier U ics (DRO) (Qualifier U nics (DRO) Qualifier U	0.00402 GC) RL 50.4 (GC) RL 50.4	MDL	mg/Kg Unit mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared 07/26/23 09:28	07/26/23 09:30 Analyzed 07/31/23 16:05 Analyzed 07/28/23 22:36	Dil Fac
Analyte Total BTEX Method: SW846 8015 NM - Dies Analyte	Result <pre></pre> <pre> Result </pre>	Qualifier U ics (DRO) (Qualifier U mics (DRO) Qualifier U	0.00402 GC) RL 50.4 (GC) RL 50.4	MDL	mg/Kg Unit mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared 07/26/23 09:28	07/26/23 09:30 Analyzed 07/31/23 16:05 Analyzed 07/28/23 22:36	1

Method: EPA 300.0 - Anions, Ion Cl	nromatography - Soluble						
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	47.9	5.01	mg/Kg			07/22/23 04:52	1

70 - 130

70 - 130

133 S1+

156 S1+

Eurofins Midland

07/28/23 22:36

07/28/23 22:36

07/26/23 09:28

07/26/23 09:28

1-Chlorooctane

o-Terphenyl

Client: Carmona Resources Job ID: 880-30945-1 SDG: Eddy County New Mexico Project/Site: Apache-Redwood

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

Date Collected: 07/18/23 00:00 Date Received: 07/19/23 10:47

Lab Sample ID: 880-30945-5

Matrix: Solid

Method: SW846 8021B - Volatile	Organic Comp	ounds (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		07/25/23 13:51	07/26/23 01:41	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/25/23 13:51	07/26/23 01:41	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/25/23 13:51	07/26/23 01:41	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		07/25/23 13:51	07/26/23 01:41	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/25/23 13:51	07/26/23 01:41	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		07/25/23 13:51	07/26/23 01:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

4-Bromofluorobenzene (Surr) 114 70 - 130 07/25/23 13:51 07/26/23 01:41 1,4-Difluorobenzene (Surr) 70 - 130 108 07/25/23 13:51 07/26/23 01:41

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			07/26/23 09:30	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 07/31/23 16:05 mg/Kg

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

1	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
(Gasoline Range Organics	<49.7	U	49.7		mg/Kg		07/26/23 09:28	07/28/23 22:57	1
(GRO)-C6-C10									
[Diesel Range Organics (Over	<49.7	U	49.7	1	mg/Kg		07/26/23 09:28	07/28/23 22:57	1
(C10-C28)									
(Oll Range Organics (Over C28-C36)	<49.7	U	49.7	I	mg/Kg		07/26/23 09:28	07/28/23 22:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130	07/26/23 09:28	07/28/23 22:57	1
o-Terphenyl	143	S1+	70 - 130	07/26/23 09:28	07/28/23 22:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit)	Prepared	Analyzed	Dil Fac
Chloride	591		49.9		mg/Kg			07/22/23 04:57	10

Client Sample ID: H-6 (0-0.5')

Date Collected: 07/18/23 00:00 Date Received: 07/19/23 10:47

Lab Sample ID: 880-30945-6

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/25/23 13:51	07/26/23 02:02	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/25/23 13:51	07/26/23 02:02	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/25/23 13:51	07/26/23 02:02	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/25/23 13:51	07/26/23 02:02	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/25/23 13:51	07/26/23 02:02	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/25/23 13:51	07/26/23 02:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				07/25/23 13:51	07/26/23 02:02	1
1,4-Difluorobenzene (Surr)	106		70 - 130				07/25/23 13:51	07/26/23 02:02	1

Matrix: Solid

Client: Carmona Resources Job ID: 880-30945-1 SDG: Eddy County New Mexico Project/Site: Apache-Redwood

Client Sample ID: H-6 (0-0.5') Lab Sample ID: 880-30945-6

Date Collected: 07/18/23 00:00 Date Received: 07/19/23 10:47

Result Qualifier

24.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/26/23 09:30	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	133		49.6		mg/Kg			07/31/23 16:05	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	<49.6	U	49.6		mg/Kg		07/26/23 09:28	07/28/23 23:18	1
(GRO)-C6-C10									
Diesel Range Organics (Over	133		49.6		mg/Kg		07/26/23 09:28	07/28/23 23:18	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		07/26/23 09:28	07/28/23 23:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130				07/26/23 09:28	07/28/23 23:18	1
o-Terphenyl	142	S1+	70 - 130				07/26/23 09:28	07/28/23 23:18	1

Client Sample ID: H-7 (0-0.5') Lab Sample ID: 880-30945-7 Date Collected: 07/18/23 00:00 **Matrix: Solid**

RL

4.95

MDL Unit

mg/Kg

D

Prepared

Analyzed

07/24/23 12:01

Date Received: 07/19/23 10:47

Released to Imaging: 3/19/2024 7:43:17 AM

Analyte

Chloride

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/25/23 13:51	07/26/23 02:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/25/23 13:51	07/26/23 02:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/25/23 13:51	07/26/23 02:23	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/25/23 13:51	07/26/23 02:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/25/23 13:51	07/26/23 02:23	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/25/23 13:51	07/26/23 02:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				07/25/23 13:51	07/26/23 02:23	1
			70 - 130				07/25/23 13:51	07/26/23 02:23	·
Method: TAL SOP Total BTEX -	- Total BTEX Cald	Qualifier	RL	MDL	Unit ma/Ka	<u>D</u>	07/25/23 13:51 Prepared	Analyzed	Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX	- Total BTEX Calc Result <0.00399	Qualifier U	RL 0.00399	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 0.00399			<u>D</u>	Prepared	Analyzed 07/26/23 09:30	Dil Fac
Method: TAL SOP Total BTEX -	- Total BTEX Calc Result <	Qualifier U	RL 0.00399		mg/Kg			Analyzed	Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX Method: SW846 8015 NM - Dies Analyte Total TPH	rotal BTEX Calc Result Result	Qualifier U ics (DRO) (Qualifier	RL 0.00399 GC) RL 50.3		mg/Kg		Prepared	Analyzed 07/26/23 09:30 Analyzed	Dil Fac Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX Method: SW846 8015 NM - Dies Analyte Total TPH Method: SW846 8015B NM - Di	- Total BTEX Calc Result <0.00399 sel Range Organ Result 63.7 esel Range Orga	Qualifier U ics (DRO) (Qualifier	RL 0.00399 GC) RL 50.3	MDL	mg/Kg		Prepared	Analyzed 07/26/23 09:30 Analyzed	Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX Method: SW846 8015 NM - Dies Analyte	- Total BTEX Calc Result <0.00399 sel Range Organ Result 63.7 esel Range Orga	Qualifier U ics (DRO) (Qualifier nics (DRO) Qualifier	RL 0.00399 GC) RL 50.3	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 07/26/23 09:30 Analyzed 07/31/23 16:05	Dil Fac

Eurofins Midland

Dil Fac

Job ID: 880-30945-1 SDG: Eddy County New Mexico

Project/Site: Apache-Redwood

Client: Carmona Resources

Lab Sample ID: 880-30945-7

Matrix: Solid

Client Sample ID: H-7 (0-0.5') Date Collected: 07/18/23 00:00

Date Received: 07/19/23 10:47

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<50.3	U	50.3	mg/Kg		07/26/23 09:28	07/28/23 23:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	230	S1+	70 - 130			07/26/23 09:28	07/28/23 23:40	1
o-Terphenyl	285	S1+	70 - 130			07/26/23 09:28	07/28/23 23:40	1

Method: EPA 300.0 - Anions, Ion C	hromatograp	hy - Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	233		24.9		mg/Kg			07/22/23 05:18	5

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

Date Collected: 07/18/23 00:00 Date Received: 07/19/23 10:47

Lab Sample	ID: 880-30945-	8
	Matrix: Soli	d

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		07/25/23 13:51	07/26/23 02:43	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/25/23 13:51	07/26/23 02:43	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/25/23 13:51	07/26/23 02:43	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		07/25/23 13:51	07/26/23 02:43	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/25/23 13:51	07/26/23 02:43	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/25/23 13:51	07/26/23 02:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130				07/25/23 13:51	07/26/23 02:43	1
1,4-Difluorobenzene (Surr)	104		70 - 130				07/25/23 13:51	07/26/23 02:43	1

Total BTEX	<0.00404	U	0.00404		mg/Kg			07/26/23 09:30	1
Method: SW846 8015 NM - Diesel	Range Organ	ics (DRO) (G	SC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			07/31/23 16:05	1
Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<50.4	U	50.4		mg/Kg		07/26/23 09:28	07/29/23 00:01	1
<50.4	U	50.4		mg/Kg		07/26/23 09:28	07/29/23 00:01	1
<50.4	U	50.4		mg/Kg		07/26/23 09:28	07/29/23 00:01	1
%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
116		70 - 130				07/26/23 09:28	07/29/23 00:01	1
131	S1+	70 - 130				07/26/23 09:28	07/29/23 00:01	1
	<50.4 <50.4 <50.4 %Recovery	Result Qualifier	<50.4 U 50.4 <50.4 U 50.4 <50.4 U 50.4 <60.4 U 50.4 $**Recovery Qualifier Limits 116 70 - 130$	<50.4 U 50.4 <50.4 U 50.4 <50.4 U 50.4 <50.4 U 50.4 $MRecovery Qualifier Limits 70 - 130$	<50.4	<50.4	<50.4	<50.4 U 50.4 mg/Kg 07/26/23 09:28 07/29/23 00:01 <50.4

Method: EPA 300.0 - Anions, Ion Cl	hromatography - Soluble						
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.6	5.00	mg/Kg			07/24/23 12:06	1

Client: Carmona Resources

Job ID: 880-30945-1

Project/Site: Apache-Redwood

SDG: Eddy County New Mexico

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

Date Collected: 07/18/23 00:00 Date Received: 07/19/23 10:47 Lab Sample ID: 880-30945-9

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		07/25/23 13:51	07/26/23 03:04	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/25/23 13:51	07/26/23 03:04	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/25/23 13:51	07/26/23 03:04	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/25/23 13:51	07/26/23 03:04	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/25/23 13:51	07/26/23 03:04	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/25/23 13:51	07/26/23 03:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				07/25/23 13:51	07/26/23 03:04	1
1,4-Difluorobenzene (Surr)	109		70 - 130				07/25/23 13:51	07/26/23 03:04	1
Method: TAL SOP Total BTEX - T	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			07/26/23 09:30	1
					mg/Kg			07/26/23 09:30	1
Method: SW846 8015 NM - Diese	el Range Organ	ics (DRO) (GC)						·
Method: SW846 8015 NM - Diese Analyte	el Range Organ Result		GC)	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Method: SW846 8015 NM - Diese	el Range Organ	ics (DRO) (GC)	MDL		<u>D</u>	Prepared		·
Method: SW846 8015 NM - Diese Analyte	Result 53.3	ics (DRO) ((Qualifier	RL 49.6	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH	el Range Organ Result 53.3 sel Range Orga	ics (DRO) ((Qualifier	RL 49.6		Unit	<u>D</u>	Prepared Prepared	Analyzed	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Dies	el Range Organ Result 53.3 sel Range Orga	Qualifier nics (DRO) Qualifier	RL 49.6 (GC)		Unit mg/Kg			Analyzed 07/31/23 16:05	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10	Pl Range Organ Result 53.3 sel Range Orga Result	Qualifier nics (DRO) Qualifier	(GC) RL 49.6 RL 49.6		Unit mg/Kg		Prepared	Analyzed 07/31/23 16:05 Analyzed 07/29/23 00:22	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Pl Range Organ Result 53.3 sel Range Orga Result	Qualifier nics (DRO) Qualifier	RL 49.6 (GC)		Unit mg/Kg		Prepared	Analyzed 07/31/23 16:05	Dil Fac
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)	Pl Range Organ Result 53.3 sel Range Orga Result <49.6 53.3	ics (DRO) ((Qualifier nics (DRO) Qualifier U	GC) RL 49.6 (GC) RL 49.6 49.6		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 07/26/23 09:28 07/26/23 09:28	Analyzed 07/31/23 16:05 Analyzed 07/29/23 00:22 07/29/23 00:22	Dil Fac Dil Fac 1
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Pl Range Organ Result 53.3 sel Range Orga Result <49.6	ics (DRO) ((Qualifier nics (DRO) Qualifier U	(GC) RL 49.6 RL 49.6		Unit mg/Kg Unit mg/Kg		Prepared 07/26/23 09:28	Analyzed 07/31/23 16:05 Analyzed 07/29/23 00:22	Dil Fac Dil Fac 1
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) Oll Range Organics (Over C28-C36) Surrogate	Pl Range Organ Result 53.3 sel Range Orga Result <49.6 53.3	ics (DRO) (Control of the property of the prop	GC) RL 49.6 (GC) RL 49.6 49.6 49.6 Limits		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 07/26/23 09:28 07/26/23 09:28 07/26/23 09:28 Prepared	Analyzed 07/31/23 16:05 Analyzed 07/29/23 00:22 07/29/23 00:22 Analyzed	Dil Fac Dil Fac 1
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) Oll Range Organics (Over C28-C36)	el Range Organ Result 53.3 sel Range Orga Result <49.6 53.3	ics (DRO) (Control of the property of the prop	RL 49.6 (GC) RL 49.6 49.6 49.6 49.6		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 07/26/23 09:28 07/26/23 09:28 07/26/23 09:28	Analyzed 07/31/23 16:05 Analyzed 07/29/23 00:22 07/29/23 00:22	Dil Fac Dil Fac 1 1 1

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

Date Collected: 07/18/23 00:00

Lab Sample ID: 880-30945-10

Matrix: Solid

RL

4.96

MDL Unit

mg/Kg

D

Prepared

Analyzed

07/24/23 12:11

Dil Fac

Date Received: 07/19/23 10:47

Analyte

Chloride

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Result Qualifier

31.0

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/25/23 13:51	07/26/23 03:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/25/23 13:51	07/26/23 03:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/25/23 13:51	07/26/23 03:25	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		07/25/23 13:51	07/26/23 03:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/25/23 13:51	07/26/23 03:25	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/25/23 13:51	07/26/23 03:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				07/25/23 13:51	07/26/23 03:25	1
1,4-Difluorobenzene (Surr)	105		70 - 130				07/25/23 13:51	07/26/23 03:25	1

Client: Carmona Resources Project/Site: Apache-Redwood

Job ID: 880-30945-1

SDG: Eddy County New Mexico

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

Date Collected: 07/18/23 00:00 Date Received: 07/19/23 10:47

Lab Sample ID: 880-30945-10

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			07/26/23 09:30	
Method: SW846 8015 NM - Diese	l Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	70.6		49.9		mg/Kg			07/31/23 16:05	
Method: SW846 8015B NM - Dies	sel Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		07/26/23 09:28	07/29/23 00:43	
(GRO)-C6-C10									
Diesel Range Organics (Over	70.6		49.9		mg/Kg		07/26/23 09:28	07/29/23 00:43	
C10-C28)									
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/26/23 09:28	07/29/23 00:43	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	112		70 - 130				07/26/23 09:28	07/29/23 00:43	
o-Terphenyl	138	S1+	70 - 130				07/26/23 09:28	07/29/23 00:43	

Client Sample ID: H-11 (0-0.5') Lab Sample ID: 880-30945-11

RL

5.04

MDL Unit

mg/Kg

D

Prepared

Result Qualifier

32.0

Date Collected: 07/18/23 00:00

Analyte

Chloride

Date Received: 07/19/23 10:47

Analyzed

07/22/23 05:33

Matrix: Solid

Dil Fac

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/25/23 13:51	07/26/23 04:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/25/23 13:51	07/26/23 04:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/25/23 13:51	07/26/23 04:50	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/25/23 13:51	07/26/23 04:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/25/23 13:51	07/26/23 04:50	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/25/23 13:51	07/26/23 04:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				07/25/23 13:51	07/26/23 04:50	1
			70 100				07/25/23 13:51	07/26/23 04:50	1
1,4-Difluorobenzene (Surr) Method: TAL SOP Total BTEX Analyte			70 ₋ 130 RL	MDL	Unit	D			
		culation	70 - 130				07/25/23 13:51	07/26/23 04.50	,
	- Total BTEX Cald	Qualifier	RL 0.00399	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 07/26/23 09:30	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX	- 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 Calc Result <0.00399 esel Range Organ	Qualifier U	RL 0.00399	MDL 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 <0.00399 esel Range Organ	Qualifier U	RL 0.00399		mg/Kg		Prepared	Analyzed 07/26/23 09:30	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 51.4	Qualifier U ics (DRO) (Qualifier	RL 0.00399 ——————————————————————————————————		mg/Kg		Prepared	Analyzed 07/26/23 09:30 Analyzed	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 51.4 iiesel Range Orga	Qualifier U ics (DRO) (Qualifier	RL 0.00399 ——————————————————————————————————		mg/Kg Unit mg/Kg		Prepared	Analyzed 07/26/23 09:30 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 <0.00399 esel Range Organ Result 51.4 iiesel Range Orga	Qualifier U ics (DRO) (Qualifier nics (DRO) Qualifier	RL 0.00399 GC) RL 50.0	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 07/26/23 09:30 Analyzed 07/31/23 16:05	Dil Fac

Job ID: 880-30945-1

SDG: Eddy County New Mexico

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

Date Collected: 07/18/23 00:00 Date Received: 07/19/23 10:47

Client: Carmona Resources

Project/Site: Apache-Redwood

Lab Sample ID: 880-30945-11

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/23 09:28	07/29/23 01:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	136	S1+	70 - 130				07/26/23 09:28	07/29/23 01:26	1
o-Terphenyl	159	S1+	70 - 130				07/26/23 09:28	07/29/23 01:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac Chloride 47.1 4.99 07/22/23 05:38 mg/Kg

Client Sample ID: H-12 (0-0.5')

Date Collected: 07/18/23 00:00 Date Received: 07/19/23 10:47

Lab Sample ID: 880-30945-12

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/25/23 13:51	07/26/23 05:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/25/23 13:51	07/26/23 05:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/25/23 13:51	07/26/23 05:11	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/25/23 13:51	07/26/23 05:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/25/23 13:51	07/26/23 05:11	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/25/23 13:51	07/26/23 05:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				07/25/23 13:51	07/26/23 05:11	1
1,4-Difluorobenzene (Surr)	108		70 - 130				07/25/23 13:51	07/26/23 05:11	1

Method: TAL SOP Total BTEX - Total	BTEX Cal	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			07/26/23 09:30	1

Method: SW846 8015 NM - Diesel Ra	nge Organics (DRO) (GO	;)					
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	883	50.2	mg/Kg			07/31/23 16:05	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		07/26/23 09:28	07/29/23 02:50	1
Diesel Range Organics (Over C10-C28)	801		50.2		mg/Kg		07/26/23 09:28	07/29/23 02:50	1
Oll Range Organics (Over C28-C36)	82.2		50.2		mg/Kg		07/26/23 09:28	07/29/23 02:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130	07/26/23 09:28	07/29/23 02:50	1
o-Terphenyl	151	S1+	70 - 130	07/26/23 09:28	07/29/23 02:50	1

Method: EPA 300.0 - Anions, Ion C	hromatography - Soluble						
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	246	4.95	mg/Kg			07/24/23 12:16	1

Client: Carmona Resources

Job ID: 880-30945-1

Project/Site: Apache-Redwood

SDG: Eddy County New Mexico

Client Sample ID: H-13 (0-0.5')

Date Collected: 07/18/23 00:00 Date Received: 07/19/23 10:47 Lab Sample ID: 880-30945-13

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		07/25/23 13:51	07/26/23 05:32	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/25/23 13:51	07/26/23 05:32	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/25/23 13:51	07/26/23 05:32	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		07/25/23 13:51	07/26/23 05:32	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/25/23 13:51	07/26/23 05:32	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		07/25/23 13:51	07/26/23 05:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				07/25/23 13:51	07/26/23 05:32	1
1,4-Difluorobenzene (Surr)	108		70 - 130				07/25/23 13:51	07/26/23 05:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

 Analyte
 Result
 Qualifier
 RL
 MDL
 Unit
 D
 Prepared
 Analyzed
 Dil Fac

 Total BTEX
 <0.00396</td>
 U
 0.00396
 mg/Kg
 0.00396
 07/26/23 09:30
 1

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

 Analyte
 Result Total TPH
 Qualifier
 RL Store
 MDL mit mg/Kg
 D mg/Kg
 Prepared prepared mg/Kg
 Analyzed Dil Fac Dil F

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.4	U	50.4		mg/Kg		07/26/23 09:28	07/29/23 01:47	1
(GRO)-C6-C10									
Diesel Range Organics (Over	95.8		50.4		mg/Kg		07/26/23 09:28	07/29/23 01:47	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		07/26/23 09:28	07/29/23 01:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130	07/26/23 09:28	07/29/23 01:47	1
o-Terphenyl	146	S1+	70 - 130	07/26/23 09:28	07/29/23 01:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte		Qualifier I	L MD	L Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.1	5.)1	mg/Kg			07/24/23 12:22	1

Client Sample ID: H-14 (0-0.5')

Date Collected: 07/18/23 00:00 Date Received: 07/19/23 10:47 Lab Sample ID: 880-30945-14

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		07/25/23 13:51	07/26/23 05:52	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/25/23 13:51	07/26/23 05:52	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/25/23 13:51	07/26/23 05:52	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		07/25/23 13:51	07/26/23 05:52	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/25/23 13:51	07/26/23 05:52	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		07/25/23 13:51	07/26/23 05:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				07/25/23 13:51	07/26/23 05:52	1
1,4-Difluorobenzene (Surr)	107		70 - 130				07/25/23 13:51	07/26/23 05:52	1

Client: Carmona Resources Project/Site: Apache-Redwood Job ID: 880-30945-1

SDG: Eddy County New Mexico

07/24/23 12:27

Client Sample ID: H-14 (0-0.5')

Date Collected: 07/18/23 00:00 Date Received: 07/19/23 10:47

Lab Sample ID: 880-30945-14

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			07/26/23 09:30	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	<50.0	U	50.0		mg/Kg			07/31/23 16:05	1
Method: SW846 8015B NM - Dies	•	• •	` '	MDI	11-14	_	Dunnand	Austral	D!! F
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		07/26/23 09:28	07/29/23 02:08	1
(GRO)-C6-C10	50.0		50.0				07/00/00 00 00	07/00/00 00 00	
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		07/26/23 09:28	07/29/23 02:08	1
C10-C28)	50.0		50.0				07/00/00 00 00	07/00/00 00 00	
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/23 09:28	07/29/23 02:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130				07/26/23 09:28	07/29/23 02:08	1
o-Terphenyl	147	S1+	70 - 130				07/26/23 09:28	07/29/23 02:08	1
Method: EPA 300.0 - Anions, Ion	Chuamatanuau	hu Calubi							

Client Sample ID: H-15 (0-0.5') Lab Sample ID: 880-30945-15 **Matrix: Solid**

4.97

mg/Kg

71.8

Date Collected: 07/18/23 00:00

Chloride

Date Received: 07/19/23 10:47

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/25/23 13:51	07/26/23 06:13	1
Toluene	< 0.00199	U	0.00199		mg/Kg		07/25/23 13:51	07/26/23 06:13	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/25/23 13:51	07/26/23 06:13	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/25/23 13:51	07/26/23 06:13	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/25/23 13:51	07/26/23 06:13	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/25/23 13:51	07/26/23 06:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				07/25/23 13:51	07/26/23 06:13	1
	100		70 100				07/05/00 40.54	07/26/23 06:13	1
1,4-Difluorobenzene (Surr) Method: TAL SOP Total BTEX Analyte		culation Qualifier	70 ₋ 130 RL	MDL	Unit	D	07/25/23 13:51 Prepared		
		culation	70 - 130				07/25/23 13:51	07/20/23 00.13	,
	- Total BTEX Cald	Qualifier	RL 0.00398	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 07/26/23 09:30	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX	- Total BTEX Calc Result <0.00398	Qualifier U	RL 0.00398	MDL		<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte	- Total BTEX Calc Result <0.00398 esel Range Organ	Qualifier U	RL 0.00398			<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die	- Total BTEX Calc Result <0.00398 esel Range Organ	Qualifier U ics (DRO) (Qualifier	RL 0.00398		mg/Kg		Prepared	Analyzed 07/26/23 09:30	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte	- Total BTEX Calc Result <0.00398 esel Range Organ Result <50.0	Qualifier U ics (DRO) (Qualifier U	RL 0.00398 ————————————————————————————————————		mg/Kg		Prepared	Analyzed 07/26/23 09:30 Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH	- Total BTEX Calc Result <0.00398 esel Range Organ Result <50.0 diesel Range Orga	Qualifier U ics (DRO) (Qualifier U	RL 0.00398 ————————————————————————————————————		mg/Kg Unit mg/Kg		Prepared	Analyzed 07/26/23 09:30 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 Gasoline Range Organics	- Total BTEX Calc Result <0.00398 esel Range Organ Result <50.0 diesel Range Orga	Qualifier U ics (DRO) (Qualifier U nics (DRO) Qualifier	RL 0.00398 GC) RL 50.0	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 07/26/23 09:30 Analyzed 07/31/23 16:05	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 <0.00398 esel Range Organ Result <50.0 diesel Range Orga Result	Qualifier U ics (DRO) (Qualifier U nics (DRO) Qualifier U	RL 0.00398 GC) RL 50.0 (GC) RL	MDL	mg/Kg Unit mg/Kg Unit	<u>D</u>	Prepared Prepared	Analyzed 07/26/23 09:30 Analyzed 07/31/23 16:05 Analyzed	Dil Fac

Client Sample Results

Client: Carmona Resources

Job ID: 880-30945-1

Project/Site: Apache-Redwood

SDG: Eddy County New Mexico

Client Sample ID: H-15 (0-0.5')

Date Collected: 07/18/23 00:00 Date Received: 07/19/23 10:47 Lab Sample ID: 880-30945-15

Matrix: Solid

Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC) (Continue	ed)				
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		07/26/23 09:28	07/29/23 02:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130			07/26/23 09:28	07/29/23 02:29	1
o-Terphenyl	145	S1+	70 - 130			07/26/23 09:28	07/29/23 02:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
Chloride	78.0		4.95		mg/Kg			07/24/23 12:32	1

Eurofins Midland

2

3

Δ

6

7

1 N

12

13

14

Surrogate Summary

Client: Carmona Resources

Job ID: 880-30945-1

Project/Site: Apache-Redwood

SDG: Eddy County New Mexico

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)	
880-30945-1	H-1 (0-0.5')	107	94	
880-30945-1 MS	H-1 (0-0.5')	108	98	
880-30945-1 MSD	H-1 (0-0.5')	116	103	
880-30945-2	H-2 (0-0.5')	113	108	
880-30945-3	H-3 (0-0.5')	117	109	
880-30945-4	H-4 (0-0.5')	114	108	
880-30945-5	H-5 (0-0.5')	114	108	
880-30945-6	H-6 (0-0.5')	108	106	
880-30945-7	H-7 (0-0.5')	113	106	
880-30945-8	H-8 (0-0.5')	121	104	
880-30945-9	H-9 (0-0.5')	119	109	
880-30945-10	H-10 (0-0.5')	114	105	
880-30945-11	H-11 (0-0.5')	109	96	
880-30945-12	H-12 (0-0.5')	122	108	
880-30945-13	H-13 (0-0.5')	117	108	
880-30945-14	H-14 (0-0.5')	116	107	
880-30945-15	H-15 (0-0.5')	128	100	
LCS 880-58483/1-A	Lab Control Sample	110	101	
LCSD 880-58483/2-A	Lab Control Sample Dup	112	96	
MB 880-58465/5-A	Method Blank	93	92	
	Method Blank	97	91	

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-30945-1	H-1 (0-0.5')	106	117	
880-30945-1 MS	H-1 (0-0.5')	116	141 S1+	
880-30945-1 MSD	H-1 (0-0.5')	126	145 S1+	
880-30945-2	H-2 (0-0.5')	115	132 S1+	
880-30945-3	H-3 (0-0.5')	117	136 S1+	
880-30945-4	H-4 (0-0.5')	133 S1+	156 S1+	
880-30945-5	H-5 (0-0.5')	124	143 S1+	
880-30945-6	H-6 (0-0.5')	118	142 S1+	
880-30945-7	H-7 (0-0.5')	230 S1+	285 S1+	
880-30945-8	H-8 (0-0.5')	116	131 S1+	
880-30945-9	H-9 (0-0.5')	120	142 S1+	
880-30945-10	H-10 (0-0.5')	112	138 S1+	
880-30945-11	H-11 (0-0.5')	136 S1+	159 S1+	
880-30945-12	H-12 (0-0.5')	125	151 S1+	
880-30945-13	H-13 (0-0.5')	126	146 S1+	
880-30945-14	H-14 (0-0.5')	125	147 S1+	
880-30945-15	H-15 (0-0.5')	117	145 S1+	
LCS 880-58523/2-A	Lab Control Sample	92	126	

Surrogate Summary

Client: Carmona Resources Job ID: 880-30945-1 Project/Site: Apache-Redwood SDG: Eddy County New Mexico

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

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
LCSD 880-58523/3-A	Lab Control Sample Dup	96	123	
MB 880-58523/1-A	Method Blank	144 S1+	175 S1+	
Surrogate Legend				

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Client: Carmona Resources Job ID: 880-30945-1 Project/Site: Apache-Redwood SDG: Eddy County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-58465/5-A

Matrix: Solid Analysis Batch: 58416 Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 58465

1

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/25/23 11:03	07/25/23 13:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/25/23 11:03	07/25/23 13:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/25/23 11:03	07/25/23 13:12	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/25/23 11:03	07/25/23 13:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/25/23 11:03	07/25/23 13:12	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/25/23 11:03	07/25/23 13:12	1

MB MB

MR MR

Surrogate	%Recovery	Qualifier	Limits	Prep	ared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	07/25/2	3 11:03	07/25/23 13:12	1
1,4-Difluorobenzene (Surr)	92		70 - 130	07/25/2	3 11:03	07/25/23 13:12	1

Lab Sample ID: MB 880-58483/5-A

Matrix: Solid

Analysis Batch: 58416

Client Sample ID: Method Blank

07/25/23 23:56

Prep Type: Total/NA

Prep Batch: 58483

Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac Benzene <0.00200 U 0.00200 mg/Kg 07/25/23 13:51 07/25/23 23:56 Toluene <0.00200 U 0.00200 mg/Kg 07/25/23 13:51 07/25/23 23:56 Ethylbenzene <0.00200 U 0.00200 mg/Kg 07/25/23 13:51 07/25/23 23:56 07/25/23 13:51 07/25/23 23:56 m-Xylene & p-Xylene <0.00400 U 0.00400 mg/Kg <0.00200 U 07/25/23 23:56 o-Xylene 0.00200 mg/Kg 07/25/23 13:51

0.00400

mg/Kg

MR MR

<0.00400 U

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97	70 - 130	07/25/23 13:51	07/25/23 23:56	1
1 4-Difluorobenzene (Surr)	91	70 130	07/25/23 13:51	07/25/23 23:56	1

Lab Sample ID: LCS 880-58483/1-A

Matrix: Solid

Xylenes, Total

Analysis Batch: 58416

Client Sample ID: Lab Control Sample

07/25/23 13:51

Prep Type: Total/NA Prep Batch: 58483

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.09822		mg/Kg		98	70 - 130	
Toluene	0.100	0.1025		mg/Kg		102	70 - 130	
Ethylbenzene	0.100	0.09459		mg/Kg		95	70 - 130	
m-Xylene & p-Xylene	0.200	0.1813		mg/Kg		91	70 - 130	
o-Xvlene	0.100	0.09249		ma/Ka		92	70 - 130	

LCS LCS

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

Lab Sample ID: LCSD 880-58483/2-A

Matrix: Solid

Analysis Batch: 58416

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

Prep Batch: 58483

	Бріке	LCSD LCSD				%Rec		KPD	
Analyte	Added	Result Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.09545	mg/Kg		95	70 - 130	3	35	

QC Sample Results

Job ID: 880-30945-1 Client: Carmona Resources Project/Site: Apache-Redwood SDG: Eddy County New Mexico

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

Lab Sample ID: LCSD 880-58483/2-A

Matrix: Solid Analysis Batch: 58416 Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA Prep Batch: 58483

Spike LCSD LCSD %Rec **RPD** Analyte Added Result Qualifier Unit %Rec Limits **RPD** Limit D Toluene 0.100 0.1040 104 70 - 130 35 mg/Kg Ethylbenzene 0.100 0.09599 mg/Kg 96 70 - 130 35 0.200 0.1857 93 70 130 35 m-Xylene & p-Xylene mg/Kg 2 o-Xylene 0.100 0.09453 mg/Kg 95 70 - 130 2 35

LCSD LCSD

<0.00401 U

<0.00200 U

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 880-30945-1 MS Client Sample ID: H-1 (0-0.5')

Matrix: Solid

m-Xylene & p-Xylene

o-Xylene

Analysis Batch: 58416

Prep Type: Total/NA

70 - 130

70 - 130

73

74

Prep Batch: 58483

MS MS %Rec Sample Sample Spike Qualifier Analyte Result Added Result Qualifier Unit %Rec Limits 0.0996 0.08686 Benzene <0.00200 ma/Ka 86 70 - 130 Toluene 0.00407 0.0996 0.09151 88 70 - 130 mg/Kg 0.0996 0.07884 79 70 - 130 Ethylbenzene <0.00200 mg/Kg

0.1490

0.07415

mg/Kg

mg/Kg

0.199

0.0996

MS MS Qualifier Limits Surrogate %Recovery

70 - 130 4-Bromofluorobenzene (Surr) 108 70 - 130 1,4-Difluorobenzene (Surr) 98

Lab Sample ID: 880-30945-1 MSD

Matrix: Solid

Analysis Batch: 58416

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

Prep Type: Total/NA

Prep Batch: 58483

Sample Sample %Rec MSD MSD RPD Spike Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits RPD Limit Benzene <0.00200 0.0994 0.08405 mg/Kg 84 70 - 130 3 35 Toluene 0.00407 0.0994 0.09256 mg/Kg 89 70 - 130 35 Ethylbenzene <0.00200 0.0994 0.08203 mg/Kg 83 70 - 130 35 0.199 0.1573 78 70 - 130 35 m-Xylene & p-Xylene <0.00401 U mg/Kg 5 0.0994 o-Xylene <0.00200 U 0.07863 mg/Kg 78 70 - 130 35

MSD MSD

Surrogate	%Recovery C	Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

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

Lab Sample ID: MB 880-58523/1-A

Matrix: Solid

Analysis Batch: 58682

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

Prep Batch: 58523

мв мв Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac <50.0 Ū 50.0 07/26/23 09:28 07/28/23 19:43 Gasoline Range Organics mg/Kg

(GRO)-C6-C10

Client: Carmona Resources Project/Site: Apache-Redwood

Job ID: 880-30945-1 SDG: Eddy County New Mexico

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

Lab Sample ID: MB 880-58523/1-A **Matrix: Solid**

Analysis Batch: 58682

Matrix: Solid

Analysis Batch: 58682

MB MB

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

Prep Batch: 58523

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over	<50.0	U	50.0	mg/Kg		07/26/23 09:28	07/28/23 19:43	1
C10-C28)								
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg	l	07/26/23 09:28	07/28/23 19:43	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	144	S1+	70 - 130	07/26/23 09:28	07/28/23 19:43	1
o-Terphenyl	175	S1+	70 - 130	07/26/23 09:28	07/28/23 19:43	1

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 880-58523/2-A Prep Type: Total/NA

Prep Batch: 58523

LCS LCS Spike Analyte Added Result Qualifier Unit %Rec Limits Gasoline Range Organics 1000 884.3 mg/Kg 88 70 - 130 (GRO)-C6-C10 Diesel Range Organics (Over 1000 935.8 70 - 130 mg/Kg 94 C10-C28)

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	92		70 - 130
o-Terphenyl	126		70 - 130

Lab Sample ID: LCSD 880-58523/3-A

Matrix: Solid Analysis Batch: 58682 Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA Prep Batch: 58523

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	1000	987.9		mg/Kg		99	70 - 130	11	20
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	993.1		mg/Kg		99	70 - 130	6	20
C10-C28)									

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	96		70 - 130
o-Terphenyl	123		70 - 130

Lab Sample ID: 880-30945-1 MS

Matrix: Solid

Analysis Batch: 58682

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

Prep Type: Total/NA Prep Batch: 58523

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	998	848.2		mg/Kg		80	70 - 130	
Diesel Range Organics (Over	<50.3	U	998	926.2		mg/Kg		89	70 - 130	

C10-C28)

	IVIS	IVIS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	116		70 - 130
o-Terphenyl	141	S1+	70 - 130

Eurofins Midland

Client: Carmona Resources Project/Site: Apache-Redwood

Job ID: 880-30945-1 SDG: Eddy County New Mexico

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

Lab Sample ID: 880-30945-1 MSD

Matrix: Solid

Analysis Batch: 58682

Client Sample ID: H-1 (0-0.5') Prep Type: Total/NA

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Prep Type: Soluble

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

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

Prep Batch: 58523

_	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	<50.3	U	998	903.5		mg/Kg		86	70 - 130	6	20
(GRO)-C6-C10											
Diesel Range Organics (Over	<50.3	U	998	980.7		mg/Kg		95	70 - 130	6	20

C10-C28)

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	126		70 _ 130
o-Terphenyl	145	S1+	70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-58053/1-A Client Sample ID: Method Blank **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 58288

мв мв

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			07/22/23 04:11	1

Lab Sample ID: LCS 880-58053/2-A **Client Sample ID: Lab Control Sample Prep Type: Soluble Matrix: Solid**

Analysis Batch: 58288

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	250	236.8	,	mg/Kg		95	90 - 110	

Lab Sample ID: LCSD 880-58053/3-A

Matrix: Solid

Analysis Batch: 58288

	Spike	LCSD	LCSD				%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Chloride	250	237.2		mg/Kg		95	90 - 110	0	20	

Lab Sample ID: 880-30945-1 MS

Matrix: Solid

Analysis Batch: 58288

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	168		1250	1401		ma/Ka	_	99	90 110	

Lab Sample ID: 880-30945-1 MSD

Matrix: Solid									Prep	Type: So	oluble
Analysis Batch: 58288											
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	168		1250	1368		ma/Ka		96	90 110		20

Eurofins Midland

Released to Imaging: 3/19/2024 7:43:17 AM

QC Sample Results

Client: Carmona Resources Job ID: 880-30945-1 SDG: Eddy County New Mexico Project/Site: Apache-Redwood

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-30945-11 MS Client Sample ID: H-11 (0-0.5') **Matrix: Solid**

Prep Type: Soluble

Analysis Batch: 58288

Sample Sample Spike MS MS %Rec Result Qualifier Added Result Qualifier Analyte Unit %Rec Limits Chloride 47.1 250 280.6 mg/Kg 94 90 - 110

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

Prep Type: Soluble

Analysis Batch: 58288

Matrix: Solid

Lab Sample ID: 880-30945-11 MSD

Sample Sample Spike MSD MSD %Rec RPD Result Qualifier RPD Added Result Qualifier Limits Limit Analyte Unit D %Rec Chloride 47.1 250 279.9 mg/Kg 93 90 - 110 0 20

Eurofins Midland

Client: Carmona Resources Job ID: 880-30945-1 Project/Site: Apache-Redwood SDG: Eddy County New Mexico

GC VOA

Analysis Batch: 58416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-30945-1	H-1 (0-0.5')	Total/NA	Solid	8021B	58483
880-30945-2	H-2 (0-0.5')	Total/NA	Solid	8021B	58483
880-30945-3	H-3 (0-0.5')	Total/NA	Solid	8021B	58483
880-30945-4	H-4 (0-0.5')	Total/NA	Solid	8021B	58483
880-30945-5	H-5 (0-0.5')	Total/NA	Solid	8021B	58483
880-30945-6	H-6 (0-0.5')	Total/NA	Solid	8021B	58483
880-30945-7	H-7 (0-0.5')	Total/NA	Solid	8021B	58483
880-30945-8	H-8 (0-0.5')	Total/NA	Solid	8021B	58483
880-30945-9	H-9 (0-0.5')	Total/NA	Solid	8021B	58483
880-30945-10	H-10 (0-0.5')	Total/NA	Solid	8021B	58483
880-30945-11	H-11 (0-0.5')	Total/NA	Solid	8021B	58483
880-30945-12	H-12 (0-0.5')	Total/NA	Solid	8021B	58483
880-30945-13	H-13 (0-0.5')	Total/NA	Solid	8021B	58483
880-30945-14	H-14 (0-0.5')	Total/NA	Solid	8021B	58483
880-30945-15	H-15 (0-0.5')	Total/NA	Solid	8021B	58483
MB 880-58465/5-A	Method Blank	Total/NA	Solid	8021B	58465
MB 880-58483/5-A	Method Blank	Total/NA	Solid	8021B	58483
LCS 880-58483/1-A	Lab Control Sample	Total/NA	Solid	8021B	58483
LCSD 880-58483/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	58483
880-30945-1 MS	H-1 (0-0.5')	Total/NA	Solid	8021B	58483
880-30945-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8021B	58483

Prep Batch: 58465

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-58465/5-A	Method Blank	Total/NA	Solid	5035	

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batcl
880-30945-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-30945-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-30945-3	H-3 (0-0.5')	Total/NA	Solid	5035	
380-30945-4	H-4 (0-0.5')	Total/NA	Solid	5035	
380-30945-5	H-5 (0-0.5')	Total/NA	Solid	5035	
380-30945-6	H-6 (0-0.5')	Total/NA	Solid	5035	
380-30945-7	H-7 (0-0.5')	Total/NA	Solid	5035	
380-30945-8	H-8 (0-0.5')	Total/NA	Solid	5035	
380-30945-9	H-9 (0-0.5')	Total/NA	Solid	5035	
380-30945-10	H-10 (0-0.5')	Total/NA	Solid	5035	
380-30945-11	H-11 (0-0.5')	Total/NA	Solid	5035	
380-30945-12	H-12 (0-0.5')	Total/NA	Solid	5035	
380-30945-13	H-13 (0-0.5')	Total/NA	Solid	5035	
380-30945-14	H-14 (0-0.5')	Total/NA	Solid	5035	
380-30945-15	H-15 (0-0.5')	Total/NA	Solid	5035	
MB 880-58483/5-A	Method Blank	Total/NA	Solid	5035	
CS 880-58483/1-A	Lab Control Sample	Total/NA	Solid	5035	
CSD 880-58483/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-30945-1 MS	H-1 (0-0.5')	Total/NA	Solid	5035	
880-30945-1 MSD	H-1 (0-0.5')	Total/NA	Solid	5035	

Eurofins Midland

Client: Carmona Resources

Job ID: 880-30945-1

Project/Site: Apache-Redwood

SDG: Eddy County New Mexico

GC VOA

Analysis Batch: 58530

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-30945-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-30945-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-30945-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-30945-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-30945-5	H-5 (0-0.5')	Total/NA	Solid	Total BTEX	
880-30945-6	H-6 (0-0.5')	Total/NA	Solid	Total BTEX	
880-30945-7	H-7 (0-0.5')	Total/NA	Solid	Total BTEX	
880-30945-8	H-8 (0-0.5')	Total/NA	Solid	Total BTEX	
880-30945-9	H-9 (0-0.5')	Total/NA	Solid	Total BTEX	
880-30945-10	H-10 (0-0.5')	Total/NA	Solid	Total BTEX	
880-30945-11	H-11 (0-0.5')	Total/NA	Solid	Total BTEX	
880-30945-12	H-12 (0-0.5')	Total/NA	Solid	Total BTEX	
880-30945-13	H-13 (0-0.5')	Total/NA	Solid	Total BTEX	
880-30945-14	H-14 (0-0.5')	Total/NA	Solid	Total BTEX	
880-30945-15	H-15 (0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 58523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batcl
880-30945-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-30945-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-30945-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-30945-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-30945-5	H-5 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-30945-6	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-30945-7	H-7 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-30945-8	H-8 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-30945-9	H-9 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-30945-10	H-10 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-30945-11	H-11 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-30945-12	H-12 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-30945-13	H-13 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-30945-14	H-14 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-30945-15	H-15 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-58523/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-58523/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-58523/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-30945-1 MS	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-30945-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 58682

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-30945-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	58523
880-30945-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	58523
880-30945-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	58523
880-30945-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	58523
880-30945-5	H-5 (0-0.5')	Total/NA	Solid	8015B NM	58523
880-30945-6	H-6 (0-0.5')	Total/NA	Solid	8015B NM	58523
880-30945-7	H-7 (0-0.5')	Total/NA	Solid	8015B NM	58523
880-30945-8	H-8 (0-0.5')	Total/NA	Solid	8015B NM	58523

Eurofins Midland

5

6

8

4 C

13

14

Client: Carmona Resources Job ID: 880-30945-1 Project/Site: Apache-Redwood SDG: Eddy County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 58682 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-30945-9	H-9 (0-0.5')	Total/NA	Solid	8015B NM	58523
880-30945-10	H-10 (0-0.5')	Total/NA	Solid	8015B NM	58523
880-30945-11	H-11 (0-0.5')	Total/NA	Solid	8015B NM	58523
880-30945-12	H-12 (0-0.5')	Total/NA	Solid	8015B NM	58523
880-30945-13	H-13 (0-0.5')	Total/NA	Solid	8015B NM	58523
880-30945-14	H-14 (0-0.5')	Total/NA	Solid	8015B NM	58523
880-30945-15	H-15 (0-0.5')	Total/NA	Solid	8015B NM	58523
MB 880-58523/1-A	Method Blank	Total/NA	Solid	8015B NM	58523
LCS 880-58523/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	58523
LCSD 880-58523/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	58523
880-30945-1 MS	H-1 (0-0.5')	Total/NA	Solid	8015B NM	58523
880-30945-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8015B NM	58523

Analysis Batch: 58925

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batc
880-30945-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	_
880-30945-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-30945-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-30945-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	
880-30945-5	H-5 (0-0.5')	Total/NA	Solid	8015 NM	
880-30945-6	H-6 (0-0.5')	Total/NA	Solid	8015 NM	
880-30945-7	H-7 (0-0.5')	Total/NA	Solid	8015 NM	
880-30945-8	H-8 (0-0.5')	Total/NA	Solid	8015 NM	
880-30945-9	H-9 (0-0.5')	Total/NA	Solid	8015 NM	
880-30945-10	H-10 (0-0.5')	Total/NA	Solid	8015 NM	
880-30945-11	H-11 (0-0.5')	Total/NA	Solid	8015 NM	
880-30945-12	H-12 (0-0.5')	Total/NA	Solid	8015 NM	
880-30945-13	H-13 (0-0.5')	Total/NA	Solid	8015 NM	
880-30945-14	H-14 (0-0.5')	Total/NA	Solid	8015 NM	
880-30945-15	H-15 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 58053

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-30945-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-30945-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-30945-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-30945-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
880-30945-5	H-5 (0-0.5')	Soluble	Solid	DI Leach	
880-30945-6	H-6 (0-0.5')	Soluble	Solid	DI Leach	
880-30945-7	H-7 (0-0.5')	Soluble	Solid	DI Leach	
880-30945-8	H-8 (0-0.5')	Soluble	Solid	DI Leach	
880-30945-9	H-9 (0-0.5')	Soluble	Solid	DI Leach	
880-30945-10	H-10 (0-0.5')	Soluble	Solid	DI Leach	
880-30945-11	H-11 (0-0.5')	Soluble	Solid	DI Leach	
880-30945-12	H-12 (0-0.5')	Soluble	Solid	DI Leach	
880-30945-13	H-13 (0-0.5')	Soluble	Solid	DI Leach	
880-30945-14	H-14 (0-0.5')	Soluble	Solid	DI Leach	
880-30945-15	H-15 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-58053/1-A	Method Blank	Soluble	Solid	DI Leach	

Eurofins Midland

Client: Carmona Resources

Job ID: 880-30945-1
Project/Site: Apache-Redwood

SDG: Eddy County New Mexico

HPLC/IC (Continued)

Leach Batch: 58053 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-58053/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-58053/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-30945-1 MS	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-30945-1 MSD	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-30945-11 MS	H-11 (0-0.5')	Soluble	Solid	DI Leach	
880-30945-11 MSD	H-11 (0-0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 58288

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-30945-1	H-1 (0-0.5')	Soluble	Solid	300.0	58053
880-30945-2	H-2 (0-0.5')	Soluble	Solid	300.0	58053
880-30945-3	H-3 (0-0.5')	Soluble	Solid	300.0	58053
880-30945-4	H-4 (0-0.5')	Soluble	Solid	300.0	58053
880-30945-5	H-5 (0-0.5')	Soluble	Solid	300.0	58053
880-30945-6	H-6 (0-0.5')	Soluble	Solid	300.0	58053
880-30945-7	H-7 (0-0.5')	Soluble	Solid	300.0	58053
880-30945-8	H-8 (0-0.5')	Soluble	Solid	300.0	58053
880-30945-9	H-9 (0-0.5')	Soluble	Solid	300.0	58053
880-30945-10	H-10 (0-0.5')	Soluble	Solid	300.0	58053
880-30945-11	H-11 (0-0.5')	Soluble	Solid	300.0	58053
880-30945-12	H-12 (0-0.5')	Soluble	Solid	300.0	58053
880-30945-13	H-13 (0-0.5')	Soluble	Solid	300.0	58053
880-30945-14	H-14 (0-0.5')	Soluble	Solid	300.0	58053
880-30945-15	H-15 (0-0.5')	Soluble	Solid	300.0	58053
MB 880-58053/1-A	Method Blank	Soluble	Solid	300.0	58053
LCS 880-58053/2-A	Lab Control Sample	Soluble	Solid	300.0	58053
LCSD 880-58053/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	58053
880-30945-1 MS	H-1 (0-0.5')	Soluble	Solid	300.0	58053
880-30945-1 MSD	H-1 (0-0.5')	Soluble	Solid	300.0	58053
880-30945-11 MS	H-11 (0-0.5')	Soluble	Solid	300.0	58053
880-30945-11 MSD	H-11 (0-0.5')	Soluble	Solid	300.0	58053

Eurofins Midland

9

3

4

6

8

9

11

13

14

Client: Carmona Resources Project/Site: Apache-Redwood SDG: Eddy County New Mexico

Lab Sample ID: 880-30945-1

Matrix: Solid

Job ID: 880-30945-1

Date Collected: 07/18/23 00:00 Date Received: 07/19/23 10:47

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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	58483	07/25/23 13:51	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	58416	07/26/23 00:18	SM	EET MID
Total/NA	Analysis	Total BTEX		1			58530	07/26/23 09:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			58925	07/31/23 16:05	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	58523	07/26/23 09:28	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	58682	07/28/23 20:48	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	58053	07/19/23 14:08	KS	EET MID
Soluble	Analysis	300.0		5			58288	07/22/23 04:27	CH	EET MID

Client Sample ID: H-2 (0-0.5') Lab Sample ID: 880-30945-2

Date Collected: 07/18/23 00:00 Matrix: Solid Date Received: 07/19/23 10:47

Batch Dil Initial Final Batch Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab 5035 Total/NA Prep 5.01 g 5 mL 58483 07/25/23 13:51 EL EET MID Total/NA 8021B 5 mL **EET MID** Analysis 1 5 mL 58416 07/26/23 00:39 SM Total/NA Total BTEX 58530 07/26/23 09:30 SM Analysis **EET MID** 1 Total/NA Analysis 8015 NM 58925 07/31/23 16:05 ΑJ **EET MID** Total/NA 58523 07/26/23 09:28 TKC Prep 8015NM Prep 10.10 g 10 mL EET MID Total/NA Analysis 8015B NM 1 uL 1 uL 58682 07/28/23 21:53 ΑJ **EET MID** Soluble 58053 07/19/23 14:08 KS Leach DI Leach 5 g 50 mL **EET MID** Soluble Analysis 300.0 58288 07/24/23 11:51 СН **EET MID**

Lab Sample ID: 880-30945-3 **Client Sample ID: H-3 (0-0.5')** Date Collected: 07/18/23 00:00

Date Received: 07/19/23 10:47

	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	58483	07/25/23 13:51	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	58416	07/26/23 01:00	SM	EET MID
Total/NA	Analysis	Total BTEX		1			58530	07/26/23 09:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			58925	07/31/23 16:05	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	58523	07/26/23 09:28	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	58682	07/28/23 22:14	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	58053	07/19/23 14:08	KS	EET MID
Soluble	Analysis	300.0		1			58288	07/24/23 11:56	CH	EET MID

Client Sample ID: H-4 (0-0.5') Lab Sample ID: 880-30945-4 Date Collected: 07/18/23 00:00

Date Received: 07/19/23 10:47

Released to Imaging: 3/19/2024 7:43:17 AM

	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	58483	07/25/23 13:51	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	58416	07/26/23 01:20	SM	EET MID
Total/NA	Analysis	Total BTEX		1			58530	07/26/23 09:30	SM	EET MID

Eurofins Midland

Matrix: Solid

Matrix: Solid

Client: Carmona Resources Project/Site: Apache-Redwood

Job ID: 880-30945-1 SDG: Eddy County New Mexico

Lab Sample ID: 880-30945-4

Matrix: Solid

Matrix: Solid

Client Sample ID: H-4 (0-0.5') Date Collected: 07/18/23 00:00

Date Received: 07/19/23 10:47

Batch		Batch	tch	Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			58925	07/31/23 16:05	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	58523	07/26/23 09:28	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	58682	07/28/23 22:36	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	58053	07/19/23 14:08	KS	EET MID
Soluble	Analysis	300.0		1			58288	07/22/23 04:52	CH	EET MID

Client Sample ID: H-5 (0-0.5') Lab Sample ID: 880-30945-5 Date Collected: 07/18/23 00:00

Date Received: 07/19/23 10:47

Batch Batch Dil Initial Final Batch Prepared Prep Type Method Amount Amount Number or Analyzed Type Run Factor Analyst Lab 5035 Total/NA Prep 4.96 g 5 mL 58483 07/25/23 13:51 EL **EET MID** Total/NA Analysis 8021B 5 mL 5 mL 58416 07/26/23 01:41 SM **EET MID** 1 Total/NA Total BTEX Analysis 1 58530 07/26/23 09:30 SM **EET MID** Total/NA Analysis 8015 NM 58925 07/31/23 16:05 **EET MID** AJ1 Total/NA Prep 8015NM Prep 10.07 g 10 mL 58523 07/26/23 09:28 TKC **EET MID** Total/NA Analysis 8015B NM 1 uL 1 uL 58682 07/28/23 22:57 ΑJ **EET MID** Soluble Leach DI Leach 5.01 g 50 mL 58053 07/19/23 14:08 KS **EET MID** Soluble Analysis 300.0 10 58288 07/22/23 04:57 СН **EET MID**

Client Sample ID: H-6 (0-0.5') Lab Sample ID: 880-30945-6 Date Collected: 07/18/23 00:00 **Matrix: Solid**

Date Received: 07/19/23 10:47

	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	58483	07/25/23 13:51	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	58416	07/26/23 02:02	SM	EET MID
Total/NA	Analysis	Total BTEX		1			58530	07/26/23 09:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			58925	07/31/23 16:05	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	58523	07/26/23 09:28	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	58682	07/28/23 23:18	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	58053	07/19/23 14:08	KS	EET MID
Soluble	Analysis	300.0		1			58288	07/24/23 12:01	CH	EET MID

Client Sample ID: H-7 (0-0.5') Lab Sample ID: 880-30945-7

Date Collected: 07/18/23 00:00 Date Received: 07/19/23 10:47

_	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	58483	07/25/23 13:51	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	58416	07/26/23 02:23	SM	EET MID
Total/NA	Analysis	Total BTEX		1			58530	07/26/23 09:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			58925	07/31/23 16:05	AJ	EET MID
Total/NA Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	9.94 g 1 uL	10 mL 1 uL	58523 58682	07/26/23 09:28 07/28/23 23:40	TKC AJ	EET MID EET MID

Eurofins Midland

Matrix: Solid

Client: Carmona Resources Project/Site: Apache-Redwood

Job ID: 880-30945-1 SDG: Eddy County New Mexico

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

Date Collected: 07/18/23 00:00 Date Received: 07/19/23 10:47 Lab Sample ID: 880-30945-7

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			5.03 g	50 mL	58053	07/19/23 14:08	KS	EET MID
Soluble	Analysis	300.0		5			58288	07/22/23 05:18	CH	EET MID

Client Sample ID: H-8 (0-0.5') Lab Sample ID: 880-30945-8

Date Collected: 07/18/23 00:00 **Matrix: Solid** Date Received: 07/19/23 10:47

	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	58483	07/25/23 13:51	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	58416	07/26/23 02:43	SM	EET MID
Total/NA	Analysis	Total BTEX		1			58530	07/26/23 09:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			58925	07/31/23 16:05	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	58523	07/26/23 09:28	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	58682	07/29/23 00:01	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	58053	07/19/23 14:08	KS	EET MID
Soluble	Analysis	300.0		1			58288	07/24/23 12:06	CH	EET MID

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

Date Collected: 07/18/23 00:00 Date Received: 07/19/23 10:47

Lab Sample ID: 880-30945-9

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			4.98 g	5 mL	58483	07/25/23 13:51	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	58416	07/26/23 03:04	SM	EET MID
Total/NA	Analysis	Total BTEX		1			58530	07/26/23 09:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			58925	07/31/23 16:05	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	58523	07/26/23 09:28	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	58682	07/29/23 00:22	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	58053	07/19/23 14:08	KS	EET MID
Soluble	Analysis	300.0		1			58288	07/24/23 12:11	CH	EET MID

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

Date Collected: 07/18/23 00:00 Date Received: 07/19/23 10:47

Lab S	Sample	ID:	880)-30	94	5-	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	58483	07/25/23 13:51	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	58416	07/26/23 03:25	SM	EET MID
Total/NA	Analysis	Total BTEX		1			58530	07/26/23 09:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			58925	07/31/23 16:05	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	58523	07/26/23 09:28	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	58682	07/29/23 00:43	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	58053	07/19/23 14:08	KS	EET MID
Soluble	Analysis	300.0		1			58288	07/22/23 05:33	CH	EET MID

Eurofins Midland

Job ID: 880-30945-1 Client: Carmona Resources Project/Site: Apache-Redwood SDG: Eddy County New Mexico

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

Date Collected: 07/18/23 00:00 Date Received: 07/19/23 10:47

Lab Sample ID: 880-30945-11

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	58483	07/25/23 13:51	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	58416	07/26/23 04:50	SM	EET MID
Total/NA	Analysis	Total BTEX		1			58530	07/26/23 09:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			58925	07/31/23 16:05	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	58523	07/26/23 09:28	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	58682	07/29/23 01:26	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	58053	07/19/23 14:08	KS	EET MID
Soluble	Analysis	300.0		1			58288	07/22/23 05:38	CH	EET MID

Client Sample ID: H-12 (0-0.5')

Date Collected: 07/18/23 00:00 Date Received: 07/19/23 10:47

Lab Sample ID: 880-30945-12

Matrix: Solid

Batch Dil Initial Final Batch Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Prep 5035 Total/NA 5.00 g 5 mL 58483 07/25/23 13:51 EL EET MID Total/NA 8021B 5 mL **EET MID** Analysis 1 5 mL 58416 07/26/23 05:11 SM Total/NA Total BTEX 58530 07/26/23 09:30 SM Analysis **EET MID** 1 Total/NA Analysis 8015 NM 58925 07/31/23 16:05 ΑJ **EET MID** Total/NA 9.96 g 58523 TKC Prep 8015NM Prep 10 mL 07/26/23 09:28 EET MID Total/NA Analysis 8015B NM 1 uL 1 uL 58682 07/29/23 02:50 ΑJ **EET MID** Soluble 5.05 g 07/19/23 14:08 KS Leach DI Leach 50 mL 58053 **EET MID** Soluble Analysis 300.0 58288 07/24/23 12:16 СН **EET MID**

Client Sample ID: H-13 (0-0.5')

Date Collected: 07/18/23 00:00 Date Received: 07/19/23 10:47

Lab Sample ID: 880-30945-13

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	58483	07/25/23 13:51	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	58416	07/26/23 05:32	SM	EET MID
Total/NA	Analysis	Total BTEX		1			58530	07/26/23 09:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			58925	07/31/23 16:05	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	58523	07/26/23 09:28	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	58682	07/29/23 01:47	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	58053	07/19/23 14:08	KS	EET MID
Soluble	Analysis	300.0		1			58288	07/24/23 12:22	CH	EET MID

Client Sample ID: H-14 (0-0.5')

Date Collected: 07/18/23 00:00

Date Received: 07/19/23 10:47

ab Sample ID: 880-30945	-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	Prep	5035			5.04 g	5 mL	58483	07/25/23 13:51	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	58416	07/26/23 05:52	SM	EET MID
Total/NA	Analysis	Total BTEX		1			58530	07/26/23 09:30	SM	EET MID

Eurofins Midland

7/31/2023

Lab Chronicle

Client: Carmona Resources

Job ID: 880-30945-1

Project/Site: Apache-Redwood

SDG: Eddy County New Mexico

Client Sample ID: H-14 (0-0.5')

Date Collected: 07/18/23 00:00 Date Received: 07/19/23 10:47 Lab Sample ID: 880-30945-14

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			58925	07/31/23 16:05	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	58523	07/26/23 09:28	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	58682	07/29/23 02:08	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	58053	07/19/23 14:08	KS	EET MID
Soluble	Analysis	300.0		1			58288	07/24/23 12:27	CH	EET MID

Client Sample ID: H-15 (0-0.5')

Lab Sample ID: 880-30945-15

Date Collected: 07/18/23 00:00 Date Received: 07/19/23 10:47

	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	58483	07/25/23 13:51	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	58416	07/26/23 06:13	SM	EET MID
Total/NA	Analysis	Total BTEX		1			58530	07/26/23 09:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			58925	07/31/23 16:05	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	58523	07/26/23 09:28	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	58682	07/29/23 02:29	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	58053	07/19/23 14:08	KS	EET MID
Soluble	Analysis	300.0		1			58288	07/24/23 12:32	CH	EET MID

Laboratory References:

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

Eurofins Midland

3

4

6

9

11

13

14

Accreditation/Certification Summary

Client: Carmona Resources

Job ID: 880-30945-1

Project/Site: Apache-Redwood

SDG: Eddy County New Mexico

Laboratory: Eurofins Midland

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

Authority	Pr	ogram	Identification Number	Expiration Date
Texas	NE	ELAP	T104704400-23-26	06-30-24
The following analytes	are included in this report, but	it the laboratory is not certific	ed by the governing authority. This list ma	av include analytes for w
the agency does not of	• •	it the laboratory is not certifi	ed by the governing additionty. This list his	ay include analytes for v
,	• •	Matrix	Analyte	ay include analytes for v
the agency does not of	fer certification.	•	, , ,	ay include analytes for v

4

11

13

14

Method Summary

Client: Carmona Resources Project/Site: Apache-Redwood Job ID: 880-30945-1 SDG: Eddy County New Mexico

2

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: Apache-Redwood Job ID: 880-30945-1 SDG: Eddy County New Mexico

6

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-30945-1	H-1 (0-0.5')	Solid	07/18/23 00:00	07/19/23 10:47
880-30945-2	H-2 (0-0.5')	Solid	07/18/23 00:00	07/19/23 10:47
380-30945-3	H-3 (0-0.5')	Solid	07/18/23 00:00	07/19/23 10:47
80-30945-4	H-4 (0-0.5')	Solid	07/18/23 00:00	07/19/23 10:47
80-30945-5	H-5 (0-0.5')	Solid	07/18/23 00:00	07/19/23 10:47
80-30945-6	H-6 (0-0.5')	Solid	07/18/23 00:00	07/19/23 10:47
80-30945-7	H-7 (0-0.5')	Solid	07/18/23 00:00	07/19/23 10:47
80-30945-8	H-8 (0-0.5')	Solid	07/18/23 00:00	07/19/23 10:47
30-30945-9	H-9 (0-0.5')	Solid	07/18/23 00:00	07/19/23 10:47
30-30945-10	H-10 (0-0.5')	Solid	07/18/23 00:00	07/19/23 10:47
80-30945-11	H-11 (0-0.5')	Solid	07/18/23 00:00	07/19/23 10:47
80-30945-12	H-12 (0-0.5')	Solid	07/18/23 00:00	07/19/23 10:47
380-30945-13	H-13 (0-0.5')	Solid	07/18/23 00:00	07/19/23 10:47
80-30945-14	H-14 (0-0.5')	Solid	07/18/23 00:00	07/19/23 10:47
80-30945-15	H-15 (0-0.5')	Solid	07/18/23 00:00	07/19/23 10:47

4

6

8

9

10

10

13

114

44	210/W/				Comments, Eman to mine Cambona / mcamona@carmonaresources com and Conner Moehring / Cmoehring@carmonares	T-10 (0-0 a)	14 20 (0-0-5)	H-8 (0-0 5)	H-7 (0-0 5')	H-6 (0-0 5')	H-5 (0-0 5')	H-4 (0-0 5')	H-3 (0-0 5')	H-2 (0-0 5')	H-1 (0-0 5)		Sample Identification	Total Containers	Sample Custody Seals	Cooler Custody Seals.	Received Intact:	SAMPLE RECEIPT	PO#	Sampler's Name	Project Location	Project Number	Project Name	Phone	City, State ZIP	Address.	Company Name	Project Manager	
17	111	1 10	Z		CHINE	00)		05)	0.5')	0 5')	0 5')	0 5')	0 5')	0 5')	0 5')		tification		Yes	Yes	\\(\epsilon\)				Eddy (Ąç	432-813-6823	Midland, TX 79701	310 W Wall St Ste 500	Carmona Resources	Clinton Merritt	
	11011		Relinquished by (Signature)			//18/2023	//18/2023	7/18/2023	7/18/2023	7/18/2023	7/18/2023	7/18/2023	7/18/2023	7/18/2023	7/18/2023		Date		No NA		No No	Temp Blank.		CCM	Eddy County, New Mexico	2075	Apache-Redwood		701	Ste 500	urces		
			(Signature)														Time	Corrected Temperature	Temperature Reading	Correction Factor	Thermometer ID	Yes (No.)			exico								
					esources con	×	×	×	×	×	×	×	×	×	×		Soll	erature:	ading	7		Wet Ice.			Due Date	✓ Routine	Turn	Email					
					and Conner	- G	G	6	6	G	G	G	G	G	G	Comp	Water Grab/	3,1	2	185	\sim	(Yes No)		Standard TAT	Rush	Turn Around	Email gcarrasco@durangomidstream com	City, State ZIP	Address:	Company Name	Bill to (if different)	7
-	+		-		Moenring	-	-	-			1	-1	1	-1	1	-	* of	<u> </u>		Pa	ram	ete	's	l		Pres.		urangomic		-	Φ		
	7	10	Date/Time		/ Cmoel	×	×	×	×	×	×	×	×	×	×		l		В	EX	8021	В						istream o	Artesia,	288 W	Durango	Lupe Carrasco	4
	7	1/2/2	Afr		bring@c	×	×	\vdash	×	×	×	×	×	×	×		TPH	801		GR(+ M	RO)	\dashv			com	Artesia, NM 88210	288 W Kincaid Ranch Rd	Durango Midstream	аггаѕсо	
1	+	1			armonar																								l°	anch Rd	m	-	
					esource		-				-	-	-	-	-										-	_	AN						
	}	+			ources com										1												ANALYSIS REQUEST						
	X	Verbined by	Panaiyad					_		-	-	-	-	-	-										$\frac{1}{1}$		EQUES		Rep	Stat	Pro	1 T]
	1						_							1	1										1		7	Deliverables	Reporting Level II Level III	State of Project:	Program: UST/PST PRP prownfields		
		(algilature)	26,000						1	-	1	+	-	-	1						·		 -		1	_		EDO [ct:	T/PST 📙	5	
							_]	1	1	1	1	1											1			A			² ₹8 □,	Work Order Comments	
						-			-	\dashv	-	1	1	-	1		1	NaO	Zn A	Na	201	ָב ;	H S	T 6	3	Non	_	ADaPT []	□st/ust		ownfield	er Com	-
+	+	+														Sample	3	H+Ascorb	Zn Acetate+NaOH Zn	Na.S.O. NaSO.	NaHSO NAB	מו , גיי ק	H-SD. H-	בים נים	3	None NO	Preserv	Other	∏RRP		s □RC	nents	Page
		Date/Time	7 - -													Sample Comments		NaOH+Ascorbic Acid SAPC	10 Zi	, i	ñ	Na Ciri	NaCa HN	WeOH Me	Di vvaler inge	DI Water: H.C	Preservative Codes	T.	□Level IV [perfund		1 of2



Page 37 of 39

Date/Time	Recaived by: (Signature)	Reg	1727	Date/Time				(Signature)	Relinquished by (Signature)		M
		nnaresources com	ing@carm	Cmoehr	elving /	Conner Mo	⊆інан ю міке ⊂armona / мсаrmona@carmonaresources com and Conner Moehring / Cmoehring@carmonare	na@carmonare	ina / wcarmo	wike Carmo	Comments
									y M		
30945											
Loc: 880											
			×	×	1	G	×		7/18/2023)-0 5')	H-15 (0-0 5')
			×	×	1	9	×		7/18/2023)-0 5')	H-14 (0-0 5')
			×	×	1	G	×		7/18/2023)-0 5')	H-13 (0-0 5)
			×	×	1	G	×		7/18/2023)-0 5')	H-12 (0-0 5')
			×	×	1	9	×		7/18/2023)-0 5')	H-11 (0-0 5)
Sample Comments				TP	# of Cont	Water Comp	Soll	Time	Date	ntification	Sample Identification
NaOH+Ascorbic Acid SAPC				H 80			ature.	Corrected Lemperature			Total Cortalizers.
Zn Acetate+NaOH Zn			CI				gnig	remperature Reading	NO N/A	res	Tabl Continuo
Na ₂ S ₂ O ₃ NaSO ₃			hlori	(GI	P			Correction Factor	N/A	Yes	Cooler Custody Seals.
NaHSO ₄ NABIS			de 3		ara			I nermometer ID	8	-	Received intact.
			300.0	21B 	mete	Yes No	Wet Ice	Yes No	Blank.	\dagger	SAMPLE RECEIPT
,-) + N	rs						PO#
HCL HC HNO, HN				RO)					CCM		Sampler's Name
			- 			Standard TAT	Due Date St		Eddy County, New Mexico	Eddy (Project Location
					Pres.	Rush	☑ Routine □		2075		Project Number
Preservative Codes	UEST	ANALYSIS REQUEST				und	Turn Around	ă	Apache-Redwood	Ą	Project Name
ADaPT Other	Deliverables EDD		Ē	tream co	ingomids	gcarrasco@durangomidstream com	Email gca			432-813-6823	Phone
ST/UST RRP Level IV	Reporting Level II Level III S		M 88210	Artesia, NM 88210		City, State ZIP	City		701	Midland, TX 79701	City, State ZIP:
	State of Project:	Rd	288 W Kincaid Ranch Rd	288 W K		Address	Ado		Ste 500	310 W Wall St Ste 500	Address
wnfields RC perfund	Program: UST/PST PRP rownfields RC		Durango Midstream	Durango 1		Company Name	Cor		ırces	Carmona Resources	Company Name
	Work Orde		asco	Lupe Carrasco		Bill to: (if different)	Bill			Clinton Merritt	Project Manager
Page 7 of 2											

-
0
-
_
О
=
-2
<u>_</u>
0
w
_
-
_
-
\sim
~
ı
ì
ŧ
ł

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-30945-1

SDG Number: Eddy County New Mexico

3DG Number. Eddy County New Mexico

Login Number: 30945
List Source: Eurofins Midland
List Number: 1

Creator: Kramer, Jessica

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.	True	
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	

5

6

8

9

11

12

14



September 06, 2023

CLINT MERRITT

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: APACHE - REDWOOD

Enclosed are the results of analyses for samples received by the laboratory on 09/01/23 8:03.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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. Keine

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 CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported: 09/06/2023

APACHE - REDWOOD

Project Name: APAC Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 08/29/2023

Sampling Type: Soil

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

Sample ID: T - 1 (0-1') (H234749-01)

DTEV 0021D

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	1.94	97.2	2.00	1.69	
Toluene*	<0.050	0.050	09/02/2023	ND	1.95	97.4	2.00	2.46	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	2.11	106	2.00	0.998	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	6.39	106	6.00	0.155	
Total BTEX	<0.300	0.300	09/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/01/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	172	85.8	200	0.179	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	183	91.6	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	79.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.3	% 49.1-14	8						

Applymed By MC

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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 **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported:

09/06/2023 APACHE - REDWOOD

Project Name: Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC Sampling Date: 08/29/2023

Sampling Type: Soil

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

Sample ID: T - 1 (1.5') (H234749-02)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	1.94	97.2	2.00	1.69	
Toluene*	<0.050	0.050	09/02/2023	ND	1.95	97.4	2.00	2.46	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	2.11	106	2.00	0.998	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	6.39	106	6.00	0.155	
Total BTEX	<0.300	0.300	09/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 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	160	16.0	09/01/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	175	87.6	200	1.38	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	189	94.4	200	3.36	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	86.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.8	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate 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 CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported: 09/06/2023

APACHE - REDWOOD

ma/ka

Project Name: APAC Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 08/29/2023

Sampling Type: Soil

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

Sample ID: T - 1 (2') (H234749-03)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	1.94	97.2	2.00	1.69	
Toluene*	<0.050	0.050	09/02/2023	ND	1.95	97.4	2.00	2.46	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	2.11	106	2.00	0.998	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	6.39	106	6.00	0.155	
Total BTEX	<0.300	0.300	09/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/01/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	175	87.6	200	1.38	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	189	94.4	200	3.36	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	79.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.7	% 49.1-14	8						

Analyzed By: MC

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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 CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported: 09/06/2023

09/06/2023 APACHE - REDWOOD

Project Name: APAC Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 08/29/2023

Sampling Type: Soil

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

Sample ID: T - 2 (0-1') (H234749-04)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	1.99	99.6	2.00	4.23	
Toluene*	<0.050	0.050	09/02/2023	ND	1.99	99.6	2.00	5.26	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	2.14	107	2.00	5.59	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	6.34	106	6.00	6.44	
Total BTEX	<0.300	0.300	09/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	09/01/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	175	87.6	200	1.38	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	189	94.4	200	3.36	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	83.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.2	% 49.1-14	8						

Applyzod By: MC

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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. Keine



Analytical Results For:

CARMONA RESOURCES **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported: 09/06/2023

APACHE - REDWOOD

Project Name: Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC Sampling Date: 08/29/2023

Sampling Type: Soil

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

Sample ID: T - 2 (1.5') (H234749-05)

BTEX 8021B	mg/kg		Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	1.99	99.6	2.00	4.23	
Toluene*	<0.050	0.050	09/02/2023	ND	1.99	99.6	2.00	5.26	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	2.14	107	2.00	5.59	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	6.34	106	6.00	6.44	
Total BTEX	<0.300	0.300	09/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/01/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	175	87.6	200	1.38	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	189	94.4	200	3.36	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	75.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.9	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keine



Analytical Results For:

CARMONA RESOURCES **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported:

09/06/2023

APACHE - REDWOOD

Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC Sampling Date: 08/29/2023

Sampling Type: Soil

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

Sample ID: T - 2 (2') (H234749-06)

Project Name:

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	1.99	99.6	2.00	4.23	
Toluene*	<0.050	0.050	09/02/2023	ND	1.99	99.6	2.00	5.26	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	2.14	107	2.00	5.59	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	6.34	106	6.00	6.44	
Total BTEX	<0.300	0.300	09/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 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	16.0	16.0	09/01/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	175	87.6	200	1.38	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	189	94.4	200	3.36	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	81.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.2	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate 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 CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported: 09/06/2023

09/06/2023 APACHE - REDWOOD

ma/ka

Project Name: APAC Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 08/29/2023

Sampling Type: Soil

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

Sample ID: T - 2 (3') (H234749-07)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	1.99	99.6	2.00	4.23	
Toluene*	<0.050	0.050	09/02/2023	ND	1.99	99.6	2.00	5.26	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	2.14	107	2.00	5.59	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	6.34	106	6.00	6.44	
Total BTEX	<0.300	0.300	09/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/01/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	175	87.6	200	1.38	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	189	94.4	200	3.36	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	76.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.4	% 49.1-14	8						

Applyzod By: MC

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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 CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported: 09/06/2023

APACHE - REDWOOD

Project Name: APAC Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 08/29/2023

Sampling Type: Soil

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

Sample ID: T - 2 (4') (H234749-08)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	1.99	99.6	2.00	4.23	
Toluene*	<0.050	0.050	09/02/2023	ND	1.99	99.6	2.00	5.26	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	2.14	107	2.00	5.59	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	6.34	106	6.00	6.44	
Total BTEX	<0.300	0.300	09/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/01/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	175	87.6	200	1.38	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	189	94.4	200	3.36	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	76.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.5	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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

Celey & Freene



Analytical Results For:

CARMONA RESOURCES **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported:

09/06/2023 APACHE - REDWOOD

Project Name: Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC Sampling Date: 08/29/2023

Sampling Type: Soil

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

Sample ID: T - 3 (0-1') (H234749-09)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	1.99	99.6	2.00	4.23	
Toluene*	0.060	0.050	09/02/2023	ND	1.99	99.6	2.00	5.26	
Ethylbenzene*	0.116	0.050	09/02/2023	ND	2.14	107	2.00	5.59	
Total Xylenes*	0.558	0.150	09/02/2023	ND	6.34	106	6.00	6.44	
Total BTEX	0.735	0.300	09/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 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	2040	16.0	09/01/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	175	87.6	200	1.38	
DRO >C10-C28*	118	10.0	09/01/2023	ND	189	94.4	200	3.36	
EXT DRO >C28-C36	11.6	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	83.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.7	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keine

S-04



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported: 09/06/2023

09/06/2023 APACHE - REDWOOD

mg/kg

89.9 %

49.1-148

Project Name: APAC Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

BTEX 8021B

Sampling Date: 08/29/2023 Sampling Type: Soil

Sampling Type: Sampling Condition:

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

Sample ID: T - 3 (1.5') (H234749-10)

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	1.99	99.6	2.00	4.23	
Toluene*	0.386	0.050	09/02/2023	ND	1.99	99.6	2.00	5.26	
Ethylbenzene*	0.294	0.050	09/02/2023	ND	2.14	107	2.00	5.59	
Total Xylenes*	3.10	0.150	09/02/2023	ND	6.34	106	6.00	6.44	
Total BTEX	3.78	0.300	09/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	175 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/01/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	94.4	10.0	09/01/2023	ND	175	87.6	200	1.38	
DRO >C10-C28*	44.0	10.0	09/01/2023	ND	189	94.4	200	3.36	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	83.5	% 48.2-13	4						

Analyzed By: MS

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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. Keine

Surrogate: 1-Chlorooctadecane



Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported: 09/06/2023

APACHE - REDWOOD

ma/ka

Project Name: APAC Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 08/29/2023

Sampling Type: Soil

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

Sample ID: T - 3 (2') (H234749-11)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	1.99	99.6	2.00	4.23	
Toluene*	<0.050	0.050	09/02/2023	ND	1.99	99.6	2.00	5.26	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	2.14	107	2.00	5.59	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	6.34	106	6.00	6.44	
Total BTEX	<0.300	0.300	09/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/01/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	175	87.6	200	1.38	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	189	94.4	200	3.36	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	85.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.3	% 49.1-14	8						

Applyzod By: MC

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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.

Celeg D. Freene



Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported: 09/06/2023

09/06/2023 APACHE - REDWOOD

mg/kg

Project Name: APAC Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 08/29/2023

Sampling Type: Soil

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

Sample ID: T - 3 (3') (H234749-12)

BTEX 8021B

	9,	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	1.99	99.6	2.00	4.23	
Toluene*	<0.050	0.050	09/02/2023	ND	1.99	99.6	2.00	5.26	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	2.14	107	2.00	5.59	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	6.34	106	6.00	6.44	
Total BTEX	<0.300	0.300	09/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/01/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	175	87.6	200	1.38	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	189	94.4	200	3.36	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	83.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.3	% 49.1-14	8						

Analyzed By: MS

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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. Kreine



Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported: 09/06/2023

09/06/2023 APACHE - REDWOOD

mg/kg

Project Name: APAC Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 08/29/2023

Sampling Type: Soil

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

Sample ID: T - 3 (4') (H234749-13)

BTEX 8021B

DILX OUZID	ilig/ kg		Analyzea by: 145						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	1.99	99.6	2.00	4.23	
Toluene*	<0.050	0.050	09/02/2023	ND	1.99	99.6	2.00	5.26	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	2.14	107	2.00	5.59	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	6.34	106	6.00	6.44	
Total BTEX	<0.300	0.300	09/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	09/01/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	175	87.6	200	1.38	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	189	94.4	200	3.36	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	89.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

Analyzed By: MS

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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 CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported: 09/06/2023

APACHE - REDWOOD

Project Name: APAC Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 08/29/2023

Sampling Type: Soil

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

Sample ID: T - 4 (0-1') (H234749-14)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	1.99	99.6	2.00	4.23	
Toluene*	<0.050	0.050	09/02/2023	ND	1.99	99.6	2.00	5.26	
Ethylbenzene*	0.060	0.050	09/02/2023	ND	2.14	107	2.00	5.59	
Total Xylenes*	0.362	0.150	09/02/2023	ND	6.34	106	6.00	6.44	
Total BTEX	0.422	0.300	09/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	128	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	09/01/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	19.9	10.0	09/01/2023	ND	175	87.6	200	1.38	
DRO >C10-C28*	51.6	10.0	09/01/2023	ND	189	94.4	200	3.36	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	85.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.8	% 49.1-14	18						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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.

Celeg & Freene



Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported: 09/06/2023

09/06/2023 APACHE - REDWOOD

Project Name: APAC Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 08/29/2023

Sampling Type: Soil

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

Sample ID: T - 4 (1.5') (H234749-15)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	1.99	99.6	2.00	4.23	
Toluene*	<0.050	0.050	09/02/2023	ND	1.99	99.6	2.00	5.26	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	2.14	107	2.00	5.59	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	6.34	106	6.00	6.44	
Total BTEX	<0.300	0.300	09/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 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	09/01/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	175	87.6	200	1.38	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	189	94.4	200	3.36	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	91.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keine



Analytical Results For:

CARMONA RESOURCES **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported:

09/06/2023

APACHE - REDWOOD

Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

mg/kg

Sampling Date: 08/29/2023

Sampling Type: Soil

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

Sample ID: T - 4 (2') (H234749-16)

Project Name:

BTEX 8021B

DILX GOZID	ilig/ kg		Analyzea by: 145						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	1.99	99.6	2.00	4.23	
Toluene*	<0.050	0.050	09/02/2023	ND	1.99	99.6	2.00	5.26	
Ethylbenzene*	0.058	0.050	09/02/2023	ND	2.14	107	2.00	5.59	
Total Xylenes*	0.218	0.150	09/02/2023	ND	6.34	106	6.00	6.44	
Total BTEX	<0.300	0.300	09/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/01/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	175	87.6	200	1.38	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	189	94.4	200	3.36	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	80.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.9	% 49.1-14	8						

Analyzed By: MS

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate 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 CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported: 09/06/2023

APACHE - REDWOOD

ma/ka

Project Name: APAC Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 08/29/2023

Sampling Type: Soil

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

Sample ID: T - 4 (3') (H234749-17)

RTFY 8021R

BIEX 8021B	тд/кд		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	1.99	99.6	2.00	4.23	
Toluene*	<0.050	0.050	09/02/2023	ND	1.99	99.6	2.00	5.26	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	2.14	107	2.00	5.59	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	6.34	106	6.00	6.44	
Total BTEX	<0.300	0.300	09/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/01/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	175	87.6	200	1.38	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	189	94.4	200	3.36	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	83.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.8	% 49.1-14	8						

Applyzod By: MC

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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. Keine



Analytical Results For:

CARMONA RESOURCES **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported:

09/06/2023

Project Name: APACHE - REDWOOD Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC Sampling Date: 08/29/2023

Sampling Type: Soil

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

Sample ID: T - 4 (4') (H234749-18)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	1.99	99.6	2.00	4.23	
Toluene*	<0.050	0.050	09/02/2023	ND	1.99	99.6	2.00	5.26	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	2.14	107	2.00	5.59	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	6.34	106	6.00	6.44	
Total BTEX	<0.300	0.300	09/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	09/01/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	175	87.6	200	1.38	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	189	94.4	200	3.36	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	78.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.0	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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

Celeg D. Freene



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported: 09/06/2023

Project Name: APACHE - REDWOOD

Project Number: 2075 Project Location: DURANGO-EDDY COUNTY, NEW MEXICC Sampling Date: 08/29/2023

Sampling Type: Soil

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

Sample ID: T - 5 (0-1') (H234749-19)

BTEX 8021B	mg/	kg	Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	1.99	99.6	2.00	4.23	
Toluene*	0.288	0.050	09/02/2023	ND	1.99	99.6	2.00	5.26	
Ethylbenzene*	1.00	0.050	09/02/2023	ND	2.14	107	2.00	5.59	
Total Xylenes*	4.59	0.150	09/02/2023	ND	6.34	106	6.00	6.44	
Total BTEX	5.88	0.300	09/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	154 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	3160	16.0	09/01/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	113	10.0	09/01/2023	ND	175	87.6	200	1.38	
DRO >C10-C28*	2360	10.0	09/01/2023	ND	189	94.4	200	3.36	
EXT DRO >C28-C36	470	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	98.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.5	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keine



Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported: 09/06/2023

Project Name: APACHE - REDWOOD

Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 08/29/2023

Sampling Type: Soil

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

Sample ID: T - 5 (1.5') (H234749-20)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	1.99	99.6	2.00	4.23	
Toluene*	<0.050	0.050	09/02/2023	ND	1.99	99.6	2.00	5.26	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	2.14	107	2.00	5.59	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	6.34	106	6.00	6.44	
Total BTEX	<0.300	0.300	09/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	09/01/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	175	87.6	200	1.38	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	189	94.4	200	3.36	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	77.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.6	% 49.1-14	8						

Applyzod By: MC

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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.

Celeg & Freene



Analytical Results For:

CARMONA RESOURCES **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported:

09/06/2023 APACHE - REDWOOD

ma/ka

Project Name: Project Number:

DURANGO-EDDY COUNTY, NEW MEXICC

Project Location:

RTFY 8021R

2075

Sampling Date: 08/29/2023 Soil

Sampling Type:

Sampling Condition: Sample Received By:

Cool & Intact Tamara Oldaker

Sample ID: T - 5 (2') (H234749-21)

B1EX 8021B	mg,	rkg	Anaiyze	а ву: мѕ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	1.99	99.6	2.00	4.23	
Toluene*	<0.050	0.050	09/02/2023	ND	1.99	99.6	2.00	5.26	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	2.14	107	2.00	5.59	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	6.34	106	6.00	6.44	
Total BTEX	<0.300	0.300	09/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 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	272	16.0	09/01/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	175	87.6	200	1.38	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	189	94.4	200	3.36	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	72.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.1	% 49.1-14	8						

Applyzod By: MC

Cardinal Laboratories *=Accredited Analyte

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

Celeg D. Freene



Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported: 09/06/2023

APACHE - REDWOOD

ma/ka

Project Name: APAC Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 08/29/2023

Sampling Type: Soil

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

Sample ID: T - 5 (3') (H234749-22)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	1.99	99.6	2.00	4.23	
Toluene*	<0.050	0.050	09/02/2023	ND	1.99	99.6	2.00	5.26	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	2.14	107	2.00	5.59	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	6.34	106	6.00	6.44	
Total BTEX	<0.300	0.300	09/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/01/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	170	85.2	200	3.25	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	204	102	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	90.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

Applyzod By: MC

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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 **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported:

09/06/2023

Sampling Date: Sampling Type: 08/29/2023

Soil

Project Name:

BTEX 8021B

APACHE - REDWOOD

mg/kg

Sampling Condition:

Cool & Intact

Project Number:

2075

Sample Received By:

Tamara Oldaker

Project Location:

DURANGO-EDDY COUNTY, NEW MEXICC

Sample ID: T - 5 (4') (H234749-23)

	9,	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	1.99	99.6	2.00	4.23	
Toluene*	<0.050	0.050	09/02/2023	ND	1.99	99.6	2.00	5.26	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	2.14	107	2.00	5.59	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	6.34	106	6.00	6.44	
Total BTEX	<0.300	0.300	09/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 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	96.0	16.0	09/01/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	170	85.2	200	3.25	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	204	102	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	94.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	8						

Analyzed By: MS

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate 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 CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported: 09/06/2023

APACHE - REDWOOD

Project Name: APAC Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 08/29/2023

Sampling Type: Soil

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

Sample ID: T - 6 (0-1') (H234749-24)

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	09/01/2023	ND	2.00	99.8	2.00	1.26	
Toluene*	<0.050	0.050	09/01/2023	ND	1.99	99.3	2.00	1.31	
Ethylbenzene*	<0.050	0.050	09/01/2023	ND	2.08	104	2.00	1.01	
Total Xylenes*	<0.150	0.150	09/01/2023	ND	6.25	104	6.00	1.52	
Total BTEX	<0.300	0.300	09/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 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	3320	16.0	09/01/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	170	85.2	200	3.25	
DRO >C10-C28*	429	10.0	09/01/2023	ND	204	102	200	11.6	
EXT DRO >C28-C36	158	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	94.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	125	% 49.1-14	8						

Applyzod By: 1H /

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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. Keine



Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported: 09/06/2023

APACHE - REDWOOD

Project Name: APAC Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 08/29/2023

Sampling Type: Soil

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

Sample ID: T - 6 (1.5') (H234749-25)

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	09/01/2023	ND	2.00	99.8	2.00	1.26	
Toluene*	<0.050	0.050	09/01/2023	ND	1.99	99.3	2.00	1.31	
Ethylbenzene*	<0.050	0.050	09/01/2023	ND	2.08	104	2.00	1.01	
Total Xylenes*	<0.150	0.150	09/01/2023	ND	6.25	104	6.00	1.52	
Total BTEX	<0.300	0.300	09/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 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	160	16.0	09/01/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	170	85.2	200	3.25	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	204	102	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	92.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

Applyzod By: 1H /

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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. Keine



Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported: 09/06/2023

Project Name: APACHE - REDWOOD

Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

ma/ka

Sampling Date: 08/29/2023

Sampling Type: Soil

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

Sample ID: T - 6 (2') (H234749-26)

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	09/01/2023	ND	2.00	99.8	2.00	1.26	
Toluene*	<0.050	0.050	09/01/2023	ND	1.99	99.3	2.00	1.31	
Ethylbenzene*	<0.050	0.050	09/01/2023	ND	2.08	104	2.00	1.01	
Total Xylenes*	<0.150	0.150	09/01/2023	ND	6.25	104	6.00	1.52	
Total BTEX	<0.300	0.300	09/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 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	176	16.0	09/01/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	170	85.2	200	3.25	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	204	102	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	95.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111	% 49.1-14	8						

Applyzod By: 1H /

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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 **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported:

09/06/2023

Sampling Date: Sampling Type: 08/29/2023 Soil

Project Name:

APACHE - REDWOOD

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

Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sample ID: T - 7 (0-1') (H234749-27)

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	09/01/2023	ND	2.00	99.8	2.00	1.26	
Toluene*	<0.050	0.050	09/01/2023	ND	1.99	99.3	2.00	1.31	
Ethylbenzene*	<0.050	0.050	09/01/2023	ND	2.08	104	2.00	1.01	
Total Xylenes*	<0.150	0.150	09/01/2023	ND	6.25	104	6.00	1.52	
Total BTEX	<0.300	0.300	09/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 %	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	09/01/2023	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	170	85.2	200	3.25	
DRO >C10-C28*	81.5	10.0	09/01/2023	ND	204	102	200	11.6	
EXT DRO >C28-C36	28.7	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	91.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	6 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate 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 CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported: 09/06/2023

09/06/2023

APACHE - REDWOOD

Project Number: 2075

Project Name:

RTFY 8021R

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 08/29/2023

Sampling Type: Soil

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

Sample ID: T - 7 (1.5') (H234749-28)

BIEX 8021B	mg	/ kg	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/01/2023	ND	2.00	99.8	2.00	1.26	
Toluene*	<0.050	0.050	09/01/2023	ND	1.99	99.3	2.00	1.31	
Ethylbenzene*	<0.050	0.050	09/01/2023	ND	2.08	104	2.00	1.01	
Total Xylenes*	<0.150	0.150	09/01/2023	ND	6.25	104	6.00	1.52	
Total BTEX	<0.300	0.300	09/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	09/01/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	170	85.2	200	3.25	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	204	102	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	73.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.0	% 49.1-14	8						

Applyzod By: 1H /

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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. Keine



Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported: 09/06/2023

09/06/2023

Project Name: APACHE - REDWOOD

Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 08/29/2023

Sampling Type: Soil

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

Sample ID: T - 7 (2') (H234749-29)

BTEX 8021B	mg,	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/01/2023	ND	2.00	99.8	2.00	1.26	
Toluene*	<0.050	0.050	09/01/2023	ND	1.99	99.3	2.00	1.31	
Ethylbenzene*	<0.050	0.050	09/01/2023	ND	2.08	104	2.00	1.01	
Total Xylenes*	<0.150	0.150	09/01/2023	ND	6.25	104	6.00	1.52	
Total BTEX	<0.300	0.300	09/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/01/2023	ND	416	104	400	3.77	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	170	85.2	200	3.25	
DRO >C10-C28*	20.7	10.0	09/01/2023	ND	204	102	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	99.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related 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 CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported: 09/06/2023

09/06/2023 APACHE - REDWOOD

ma/ka

Project Name: APAC Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 08/29/2023

Sampling Type: Soil

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

Sample ID: T - 7 (3') (H234749-30)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/01/2023	ND	2.00	99.8	2.00	1.26	
Toluene*	<0.050	0.050	09/01/2023	ND	1.99	99.3	2.00	1.31	
Ethylbenzene*	<0.050	0.050	09/01/2023	ND	2.08	104	2.00	1.01	
Total Xylenes*	<0.150	0.150	09/01/2023	ND	6.25	104	6.00	1.52	
Total BTEX	<0.300	0.300	09/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/01/2023	ND	432	108	400	7.69	
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	09/01/2023	ND	170	85.2	200	3.25	
DRO >C10-C28*	19.3	10.0	09/01/2023	ND	204	102	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	92.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

Applyzod By: 1H /

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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 **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported: 09/06/2023

APACHE - REDWOOD

Project Name: Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC Sampling Date: 08/29/2023

Sampling Type: Soil

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

Sample ID: T - 7 (4') (H234749-31)

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	09/01/2023	ND	2.00	99.8	2.00	1.26	
Toluene*	<0.050	0.050	09/01/2023	ND	1.99	99.3	2.00	1.31	
Ethylbenzene*	<0.050	0.050	09/01/2023	ND	2.08	104	2.00	1.01	
Total Xylenes*	<0.150	0.150	09/01/2023	ND	6.25	104	6.00	1.52	
Total BTEX	<0.300	0.300	09/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/01/2023	ND	432	108	400	7.69	
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	09/01/2023	ND	170	85.2	200	3.25	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	204	102	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	96.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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

Celeg D. Freene



Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported: 09/06/2023

09/06/2023 APACHE - REDWOOD

Project Name: APAC Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 08/29/2023

Sampling Type: Soil

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

Sample ID: T - 8 (0-1') (H234749-32)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/01/2023	ND	2.00	99.8	2.00	1.26	
Toluene*	<0.050	0.050	09/01/2023	ND	1.99	99.3	2.00	1.31	
Ethylbenzene*	<0.050	0.050	09/01/2023	ND	2.08	104	2.00	1.01	
Total Xylenes*	<0.150	0.150	09/01/2023	ND	6.25	104	6.00	1.52	
Total BTEX	<0.300	0.300	09/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1390	16.0	09/01/2023	ND	432	108	400	7.69	
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	09/01/2023	ND	170	85.2	200	3.25	
DRO >C10-C28*	71.2	10.0	09/01/2023	ND	204	102	200	11.6	
EXT DRO >C28-C36	22.7	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	129	% 49.1-14	8						

Applyzod By: 1H /

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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.

Celeg & Frence



Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported: 09/06/2023

APACHE - REDWOOD

Project Name: APAC Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 08/29/2023

Sampling Type: Soil

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

Sample ID: T - 8 (1.5') (H234749-33)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/01/2023	ND	2.00	99.8	2.00	1.26	
Toluene*	<0.050	0.050	09/01/2023	ND	1.99	99.3	2.00	1.31	
Ethylbenzene*	<0.050	0.050	09/01/2023	ND	2.08	104	2.00	1.01	
Total Xylenes*	<0.150	0.150	09/01/2023	ND	6.25	104	6.00	1.52	
Total BTEX	<0.300	0.300	09/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 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	09/01/2023	ND	432	108	400	7.69	
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	09/01/2023	ND	170	85.2	200	3.25	
DRO >C10-C28*	22.6	10.0	09/01/2023	ND	204	102	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	92.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Kune



Analytical Results For:

CARMONA RESOURCES **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported:

09/06/2023

APACHE - REDWOOD

Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC Sampling Date: 08/29/2023

Sampling Type: Soil

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

Sample ID: T - 8 (2') (H234749-34)

Project Name:

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/01/2023	ND	2.00	99.8	2.00	1.26	
Toluene*	<0.050	0.050	09/01/2023	ND	1.99	99.3	2.00	1.31	
Ethylbenzene*	<0.050	0.050	09/01/2023	ND	2.08	104	2.00	1.01	
Total Xylenes*	<0.150	0.150	09/01/2023	ND	6.25	104	6.00	1.52	
Total BTEX	<0.300	0.300	09/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 %	6 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	96.0	16.0	09/01/2023	ND	432	108	400	7.69	
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	09/01/2023	ND	170	85.2	200	3.25	
DRO >C10-C28*	16.7	10.0	09/01/2023	ND	204	102	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	94.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 %	6 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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

Celeg D. Freene



Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported: 09/06/2023

09/06/2023 APACHE - REDWOOD

Project Name: APAC Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 08/29/2023
Sampling Type: Soil

Sampling Type: Sampling Condition: Sample Received By:

Cool & Intact

Tamara Oldaker

Sample ID: T - 8 (3') (H234749-35)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/01/2023	ND	2.00	99.8	2.00	1.26	
Toluene*	<0.050	0.050	09/01/2023	ND	1.99	99.3	2.00	1.31	
Ethylbenzene*	<0.050	0.050	09/01/2023	ND	2.08	104	2.00	1.01	
Total Xylenes*	<0.150	0.150	09/01/2023	ND	6.25	104	6.00	1.52	
Total BTEX	<0.300	0.300	09/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 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	48.0	16.0	09/01/2023	ND	432	108	400	7.69	
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	09/01/2023	ND	170	85.2	200	3.25	
DRO >C10-C28*	24.0	10.0	09/01/2023	ND	204	102	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	95.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results 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



Analytical Results For:

CARMONA RESOURCES **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported:

09/06/2023

ma/ka

Project Name: APACHE - REDWOOD Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC Sampling Date: 08/29/2023

Sampling Type: Soil

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

Sample ID: T - 8 (4') (H234749-36)

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	09/02/2023	ND	2.00	99.8	2.00	1.26	
Toluene*	<0.050	0.050	09/02/2023	ND	1.99	99.3	2.00	1.31	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	2.08	104	2.00	1.01	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	6.25	104	6.00	1.52	
Total BTEX	<0.300	0.300	09/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 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	176	16.0	09/01/2023	ND	432	108	400	7.69	
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	09/01/2023	ND	170	85.2	200	3.25	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	204	102	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	98.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116	% 49.1-14	8						

Applyzod By: 1H /

Cardinal Laboratories *=Accredited Analyte

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

Celeg D. Freene



Analytical Results For:

CARMONA RESOURCES **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported:

09/06/2023

Sampling Date: Sampling Type: 08/30/2023

Soil

Project Name:

APACHE - REDWOOD

DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Condition:

Cool & Intact

Project Number: Project Location: 2075

Sample Received By:

Tamara Oldaker

Sample ID: T - 9 (0-1') (H234749-37)

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	09/02/2023	ND	2.00	99.8	2.00	1.26	
Toluene*	<0.050	0.050	09/02/2023	ND	1.99	99.3	2.00	1.31	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	2.08	104	2.00	1.01	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	6.25	104	6.00	1.52	
Total BTEX	<0.300	0.300	09/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 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	624	16.0	09/01/2023	ND	432	108	400	7.69	
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	09/01/2023	ND	170	85.2	200	3.25	
DRO >C10-C28*	491	10.0	09/01/2023	ND	204	102	200	11.6	
EXT DRO >C28-C36	227	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	92.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	136	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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

Celeg D. Keene



Analytical Results For:

CARMONA RESOURCES **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported:

09/06/2023 APACHE - REDWOOD

Project Name: Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC Sampling Date: 08/30/2023

Sampling Type: Soil

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

Sample ID: T - 9 (1.5') (H234749-38)

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	09/02/2023	ND	2.00	99.8	2.00	1.26	
Toluene*	<0.050	0.050	09/02/2023	ND	1.99	99.3	2.00	1.31	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	2.08	104	2.00	1.01	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	6.25	104	6.00	1.52	
Total BTEX	<0.300	0.300	09/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 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	640	16.0	09/01/2023	ND	432	108	400	7.69	
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	09/01/2023	ND	170	85.2	200	3.25	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	204	102	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	95.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111	% 49.1-14	8						

Applyzod By: 1H /

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keine



Analytical Results For:

CARMONA RESOURCES **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported:

09/06/2023

Sampling Date: Sampling Type: 08/30/2023 Soil

Project Name:

RTFY 8021R

APACHE - REDWOOD

ma/ka

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

Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sample ID: T - 9 (2') (H234749-39)

B1EX 8021B	mg,	кg	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.00	99.8	2.00	1.26	
Toluene*	<0.050	0.050	09/02/2023	ND	1.99	99.3	2.00	1.31	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	2.08	104	2.00	1.01	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	6.25	104	6.00	1.52	
Total BTEX	<0.300	0.300	09/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	09/01/2023	ND	432	108	400	7.69	
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	09/01/2023	ND	170	85.2	200	3.25	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	204	102	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	95.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

Applyzod By: 1H /

Cardinal Laboratories

*=Accredited Analyte

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

Celeg D. Freene



Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported: 09/06/2023

APACHE - REDWOOD

mg/kg

Project Name: APAC Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 08/30/2023

Sampling Type: Soil

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

Sample ID: T - 9 (3') (H234749-40)

BTEX 8021B

	<u> </u>			· , · ,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.00	99.8	2.00	1.26	
Toluene*	<0.050	0.050	09/02/2023	ND	1.99	99.3	2.00	1.31	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	2.08	104	2.00	1.01	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	6.25	104	6.00	1.52	
Total BTEX	<0.300	0.300	09/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	09/01/2023	ND	432	108	400	7.69	
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	09/01/2023	ND	170	85.2	200	3.25	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	204	102	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	94.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	% 49.1-14	8						

Analyzed By: JH/

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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



08/30/2023

Analytical Results For:

CARMONA RESOURCES **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Sampling Date:

Reported: 09/06/2023 Sampling Type: Soil

Project Name: APACHE - REDWOOD Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sample ID: T - 10 (0-1') (H234749-41)

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	09/02/2023	ND	2.00	99.8	2.00	1.26	
Toluene*	<0.050	0.050	09/02/2023	ND	1.99	99.3	2.00	1.31	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	2.08	104	2.00	1.01	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	6.25	104	6.00	1.52	
Total BTEX	<0.300	0.300	09/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	09/01/2023	ND	432	108	400	7.69	
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	09/05/2023	ND	170	85.2	200	3.25	
DRO >C10-C28*	<10.0	10.0	09/05/2023	ND	204	102	200	11.6	
EXT DRO >C28-C36	<10.0	10.0	09/05/2023	ND					
Surrogate: 1-Chlorooctane	95.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate 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 **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported:

09/06/2023

APACHE - REDWOOD

Project Number: 2075

Project Name:

BTEX 8021B

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC Sampling Date: 08/30/2023

Sampling Type: Soil

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

Sample ID: T - 10 (1.5') (H234749-42)

DILX GOZID	ıııg,	, kg	Alldiyzo	.u Dy. 3117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.00	99.8	2.00	1.26	
Toluene*	<0.050	0.050	09/02/2023	ND	1.99	99.3	2.00	1.31	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	2.08	104	2.00	1.01	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	6.25	104	6.00	1.52	
Total BTEX	<0.300	0.300	09/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 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	688	16.0	09/01/2023	ND	432	108	400	7.69	
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	09/01/2023	ND	183	91.5	200	1.06	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	191	95.7	200	2.75	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	83.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.8	% 49.1-14	8						

Analyzed By: JH/

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate 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 **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported: 09/06/2023

Project Name: APACHE - REDWOOD

Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC Sampling Date: 08/30/2023

Sampling Type: Soil

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

Sample ID: T - 10 (2') (H234749-43)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.00	99.8	2.00	1.26	
Toluene*	<0.050	0.050	09/02/2023	ND	1.99	99.3	2.00	1.31	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	2.08	104	2.00	1.01	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	6.25	104	6.00	1.52	
Total BTEX	<0.300	0.300	09/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	09/01/2023	ND	432	108	400	7.69	
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	09/01/2023	ND	183	91.5	200	1.06	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	191	95.7	200	2.75	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	85.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.8	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate 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 CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported: 09/06/2023

09/06/2023 APACHE - REDWOOD

Project Name: APAC Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 08/30/2023

Sampling Type: Soil

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

Sample ID: T - 10 (3') (H234749-44)

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	09/02/2023	ND	2.04	102	2.00	1.60	
Toluene*	<0.050	0.050	09/02/2023	ND	2.00	100	2.00	0.0476	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	2.09	104	2.00	0.824	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	6.23	104	6.00	1.12	
Total BTEX	<0.300	0.300	09/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	09/01/2023	ND	432	108	400	7.69	
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	09/01/2023	ND	183	91.5	200	1.06	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	191	95.7	200	2.75	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	91.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	8						

Applyzod By: 1H /

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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 & Keene



Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported: 09/06/2023

Project Name: APACHE - REDWOOD

Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

mg/kg

Sampling Date: 08/30/2023

Sampling Type: Soil

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

Sample ID: T - 10 (4') (H234749-45)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Alldiyzo	.u Dy. 3117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.04	102	2.00	1.60	
Toluene*	<0.050	0.050	09/02/2023	ND	2.00	100	2.00	0.0476	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	2.09	104	2.00	0.824	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	6.23	104	6.00	1.12	
Total BTEX	<0.300	0.300	09/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	09/01/2023	ND	432	108	400	7.69	
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	09/01/2023	ND	183	91.5	200	1.06	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	191	95.7	200	2.75	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	82.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.1	% 49.1-14	8						

Analyzed By: JH/

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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. Keine



Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported: 09/06/2023

Project Name: APACHE - REDWOOD

Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 08/30/2023

Sampling Type: Soil

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

Sample ID: T - 10 (5') (H234749-46)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.04	102	2.00	1.60	
Toluene*	<0.050	0.050	09/02/2023	ND	2.00	100	2.00	0.0476	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	2.09	104	2.00	0.824	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	6.23	104	6.00	1.12	
Total BTEX	<0.300	0.300	09/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	09/01/2023	ND	432	108	400	7.69	
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	09/01/2023	ND	183	91.5	200	1.06	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	191	95.7	200	2.75	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	83.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.8	% 49.1-14	8						

Applyzod By: 1H /

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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. Keine



Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported: 09/06/2023

APACHE - REDWOOD

Project Name: APAC Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 08/30/2023

Sampling Type: Soil

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

Sample ID: T - 11 (0-1') (H234749-47)

BTEX 8021B	mg	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.04	102	2.00	1.60	
Toluene*	<0.050	0.050	09/02/2023	ND	2.00	100	2.00	0.0476	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	2.09	104	2.00	0.824	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	6.23	104	6.00	1.12	
Total BTEX	<0.300	0.300	09/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 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	160	16.0	09/01/2023	ND	432	108	400	7.69	
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	09/01/2023	ND	183	91.5	200	1.06	
DRO >C10-C28*	382	10.0	09/01/2023	ND	191	95.7	200	2.75	
EXT DRO >C28-C36	133	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	83.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



Analytical Results For:

CARMONA RESOURCES **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported:

09/06/2023

Sampling Date:

08/30/2023

Project Name:

APACHE - REDWOOD

Sampling Type: Sampling Condition: Soil Cool & Intact

Project Number:

BTEX 8021B

2075

Sample Received By:

Tamara Oldaker

Project Location:

DURANGO-EDDY COUNTY, NEW MEXICC

Sample ID: T - 11 (1.5') (H234749-48)

	9/	9	7111411720	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.04	102	2.00	1.60	
Toluene*	<0.050	0.050	09/02/2023	ND	2.00	100	2.00	0.0476	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	2.09	104	2.00	0.824	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	6.23	104	6.00	1.12	
Total BTEX	<0.300	0.300	09/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	09/01/2023	ND	432	108	400	7.69	
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	09/01/2023	ND	183	91.5	200	1.06	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	191	95.7	200	2.75	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	83.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.4	% 49.1-14	8						

Analyzed By: JH/

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate 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 CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported: 09/06/2023

09/06/2023 APACHE - REDWOOD

Project Name: APAC Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 08/30/2023

Sampling Type: Soil

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

Sample ID: T - 11 (2') (H234749-49)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.04	102	2.00	1.60	
Toluene*	<0.050	0.050	09/02/2023	ND	2.00	100	2.00	0.0476	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	2.09	104	2.00	0.824	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	6.23	104	6.00	1.12	
Total BTEX	<0.300	0.300	09/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/01/2023	ND	432	108	400	7.69	
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	09/01/2023	ND	183	91.5	200	1.06	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	191	95.7	200	2.75	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	82.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.3	% 49.1-14	8						

Applyzod By: 1H /

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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 CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported: 09/06/2023

APACHE - REDWOOD

Project Name: APAC Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 08/30/2023

Sampling Type: Soil Sampling Condition: Coo

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

Sample ID: T - 11 (3') (H234749-50)

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	09/02/2023	ND	2.04	102	2.00	1.60	
Toluene*	<0.050	0.050	09/02/2023	ND	2.00	100	2.00	0.0476	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	2.09	104	2.00	0.824	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	6.23	104	6.00	1.12	
Total BTEX	<0.300	0.300	09/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	09/01/2023	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	09/01/2023	ND	183	91.5	200	1.06	
DRO >C10-C28*	29.7	10.0	09/01/2023	ND	191	95.7	200	2.75	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	72.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.4	% 49.1-14	8						

Applyzod By: 1H /

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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.

Celeg & Freene



Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported: 09/06/2023

09/06/2023 APACHE - REDWOOD

Project Name: APAC Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 08/30/2023

Sampling Type: Soil

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

Sample ID: T - 11 (4') (H234749-51)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.04	102	2.00	1.60	
Toluene*	<0.050	0.050	09/02/2023	ND	2.00	100	2.00	0.0476	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	2.09	104	2.00	0.824	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	6.23	104	6.00	1.12	
Total BTEX	<0.300	0.300	09/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/01/2023	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	09/01/2023	ND	183	91.5	200	1.06	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	191	95.7	200	2.75	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	79.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.5	% 49.1-14	8						

Applyzod By: 1H /

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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.

Celeg & Freene



Analytical Results For:

CARMONA RESOURCES **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported:

09/06/2023 APACHE - REDWOOD

Project Name: Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC Sampling Date: 08/30/2023

Sampling Type: Soil

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

Sample ID: T - 12 (0-1') (H234749-52)

BTEX 8021B	mg,	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.04	102	2.00	1.60	
Toluene*	<0.050	0.050	09/02/2023	ND	2.00	100	2.00	0.0476	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	2.09	104	2.00	0.824	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	6.23	104	6.00	1.12	
Total BTEX	<0.300	0.300	09/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2120	16.0	09/01/2023	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	09/01/2023	ND	183	91.5	200	1.06	
DRO >C10-C28*	40.2	10.0	09/01/2023	ND	191	95.7	200	2.75	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	78.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.0	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate 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 **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported: 09/06/2023

APACHE - REDWOOD

Project Number: 2075

Project Name:

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC Sampling Date: 08/30/2023

Sampling Type: Soil

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

Sample ID: T - 12 (1.5') (H234749-53)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.04	102	2.00	1.60	
Toluene*	<0.050	0.050	09/02/2023	ND	2.00	100	2.00	0.0476	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	2.09	104	2.00	0.824	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	6.23	104	6.00	1.12	
Total BTEX	<0.300	0.300	09/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1470	16.0	09/01/2023	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	09/01/2023	ND	183	91.5	200	1.06	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	191	95.7	200	2.75	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	82.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.0	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keine



08/30/2023

Soil

Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Sampling Date:
Reported: 09/06/2023 Sampling Type:

Project Name: APACHE - REDWOOD Sampling Condition: Cool & Intact
Project Number: 2075 Sample Received By: Tamara Oldaker

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sample ID: T - 12 (2') (H234749-54)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.04	102	2.00	1.60	
Toluene*	<0.050	0.050	09/02/2023	ND	2.00	100	2.00	0.0476	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	2.09	104	2.00	0.824	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	6.23	104	6.00	1.12	
Total BTEX	<0.300	0.300	09/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3600	16.0	09/01/2023	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	09/01/2023	ND	183	91.5	200	1.06	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	191	95.7	200	2.75	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	69.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.5	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



Analytical Results For:

CARMONA RESOURCES **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported:

09/06/2023 APACHE - REDWOOD Sampling Date: 08/30/2023 Sampling Type: Soil

Project Name:

Sampling Condition: Sample Received By:

Cool & Intact Tamara Oldaker

Project Number: 2075 Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sample ID: T - 12 (3') (H234749-55)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.04	102	2.00	1.60	
Toluene*	<0.050	0.050	09/02/2023	ND	2.00	100	2.00	0.0476	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	2.09	104	2.00	0.824	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	6.23	104	6.00	1.12	
Total BTEX	<0.300	0.300	09/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	6 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	256	16.0	09/01/2023	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	09/01/2023	ND	183	91.5	200	1.06	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	191	95.7	200	2.75	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	78.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.8	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate 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 **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported:

09/06/2023

Sampling Date: Sampling Type: 08/30/2023 Soil

Project Name:

Project Location:

RTFY 8021R

APACHE - REDWOOD

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

Project Number: 2075

DURANGO-EDDY COUNTY, NEW MEXICC

Sample ID: T - 12 (4') (H234749-56)

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	09/02/2023	ND	2.04	102	2.00	1.60	
Toluene*	<0.050	0.050	09/02/2023	ND	2.00	100	2.00	0.0476	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	2.09	104	2.00	0.824	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	6.23	104	6.00	1.12	
Total BTEX	<0.300	0.300	09/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	09/01/2023	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	09/01/2023	ND	195	97.6	200	3.72	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	196	97.9	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	74.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.2	% 49.1-14	8						

Applyzod By: 1H /

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keine



Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

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.

Celeg D. Freene

_						6	9	4	7	er	1	2	lu	3			7	S	0	R	C)]	0 0	בוס	0	P	Pr	P	Ci	Ac	C		D					
0					Comments: Email	T-3 (1.5')	T-3 (0-1')	T-2 (4')	T-2 (3")	T-2 (2')	T-2 (1.5')	T-2 (0-1')	T-1 (2')	T-1 (1.5')	T-1 (0-1")	Sample Identification	Total Containers:	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	AMPI E DECEID	Sampler's Name:	Project Location	Signature 1 position	Project Number:	Project Name:	Phone: 4:	City, State ZIP: M	Address: 3:	Company Name.							
					to Mike	5")	15))	5,	3		5	3	fication						-			_			432-813-6823	idland, T	10 W Wa	alliona	armona	Clinton Merritt					
	,	Re			Carmon									-	-			Yes No	1 /	es		Tomp 6		-uuj oo	ddy Cor		Apac	823	Midland, TX 79701	310 W Wall St Ste 500	Calliona Ixcada oco	Resource	init					
		linquishe			a / Mcarr	8/29/2023	8/29/2023	8/29/2023	8/29/2023	8/29/2023	8/29/2023	8/29/2023	8/29/2023	8/29/2023	8/29/2023	Date	,	NA			SIGHK.	lank:		FV	Eddy County, New Mexico	2075	Apache-Redwood			500		S						
		Relinquished by: (Signature)			Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonare	3	3	3	w.		,	8	w	-	3	11	Correcte	Tempen	Correcti	Inermo	1 100	Yes			Mexico		ood											
		nature)			armonare											Time	Corrected Lampelatule.	l'emperature reading.	Correction Factor.	I nermometer ID.		Yes			С				100									
					esources	×	×	×	×	×	×	×	×	×	×	Soil	amic.	allig.	dina			Wet Ice:			Due Date:	✓ Routine												
				Sig.	.com and		-	+		\vdash						Water			10								Turn Around	Email: gcar	City,	Audices.	A	Comp	Bill to					
					Conner	0	0 0	0 0	0 0	9	G	G	G	G	G	ter Comp			いかい	1	3	Yes No			Standard TAT	Rush	nd	gcarrasco@durangomidstream.com	City, State ZIP:	1 100		Company Name	Bill to: (if different)				C	
+					Moehrir	-	+	+	+	+	+	+	\vdash	1	1	np Cont	+	1		Par	am	nete	rs		-	Code	Pres	urangom				×					Chain of Custody	W
		Dat			ng / Cn	- -	< >	< >	< >	< ×	×	×	×	×	×	-			вт	EX 8	021	1B						dstream	Viles	100	288	Dura	Lupe				OI	2
		Date/Time			noehrii		+	< >	+	+	+	+	×	×	×	т	PH 8	3015	5M (GRO) + 1	DRO) + N	IRO))			n.com	Allesia, INIVI 002 10	NIA.	N Kinc	Durango Midstream	Lupe Carrasco				US	
					ng@carr	-	× >	× >	< >	< >	×	×	×	×	×				Chle	orid	e 45	500					_		001700	00010	288 W Kincaid Ranch Rd	stream	8				Cody	
	P						+	+	+	+	+	+	+	\perp	\perp		_			4	_		-	_		-	_				Rd.							
	Men	1	,		Sources.com		+	+		+			10	†												+	ANALY											
	Cons	l z			COM		_	1	_	_		_	1	_	+					_				_		+	SIS RE											
	1	Received by (Signature				$\ \cdot\ $	+	+	+	,	+	+	1	+	+	-										+	ANALYSIS REQUEST		Delive	Repo	State	Prog						
	20	DV: (Sic)	100					1	1	1	1	1	İ	İ	1											I			Deliverables: EDD	Reporting:Level II Level III	State of Project:	Program: UST/PST LPRP						
	The state of the s	majure)	anti-				+	_	+	+	+	+	+	+	+	-	_							_		+	_		EDD [ct:	T/PST				WOIR	Morl	
	M	1				╟	+	+	+	+	+	+	+	+	1					ć.						\dagger							Work O			Oluc	2	
			\							1	1	1	1	1	1			7	Z	Z	z) 2	Z		ADaPT \square	□st/ust		rownfields	der Co			WOLK Older No.	20.	
																San	,	NaOH+Ascorbic Acid: SAPC	Zn Acetate+NaOH: Zn	Na ₂ S ₂ O ₃ : NaSO ₃	NaHSO ₄ : NABIS	H ₃ PO ₄ : HP	H ₂ S0 ₄ : H ₂	HCLHC	Cool: Cool	Olic, NO	None: NO	5050		ST RRP		elds LRC	læ	Page_		110	Fi	
		2	D													Sample Collinents	,	corbic Ac	+NaOH:	NaSO ₃	NABIS						0	Preservative Codes	Other:	_			5				75	
	9	7	Date/Time													allient.		id: SAP	Zn				NaOH: Na	TINO3. TIN	MeOH: Me		DI Water: H ₂ O	Codes		Level IV		perrund		of 6			174	
		3																									9]				Doo	je 59	of G	• 4

						8	0	X	i	1	1	1	Qu	1	-			10	16		100		n 140	70	-	7 1-	ח	77	10	7	10) I-	ם						
The same		. 0			Comments: Email t	T-5 (1.5')	T-5 (0-1')	T-4 (4')	T-4 (3')	T-4 (2')	T-4 (1.5')	T-4 (0-1')	T-3 (4')	T-3 (3')	T-3 (2')	Sample Identification	Total Containers:	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	70#.	Sampler's Name:	Project Location	Project Number.	Project Number	Project Name:	Phone: 43	City, State ZIP: Mi	Address: 31	Company Maine.		Project Manager: C						
					to Mike Ca	3	")				3					ication		Yes	Yes					Edo				432-813-6823	Midland, TX 79701	310 W Wall of ole out		Carmona Resources	Clinton Merritt						
		Relinquished			Carmona / Mcarmona	8/29/2023	8/29/2023	8/29/2023	8/29/2023	8/29/2023	8/29/2023	8/29/2023	8/29/2023	8/29/2023	8/29/2023	Date	,	NO N/A	NO	SS				Eddy County, New Mexico		2075	Apache-Redwood	۵	79701	onc arc 10	Di Cit. FOO	SOUTCES	#	*					
		Relinquished by: (Signature)			ona@carmona											Time ·	Collected Lelliberative	Corrected Temperature	Collection Lactor	Correction Eactor	Yes No			VIEXICO			od												
					@carmonaresources.com and Conner	×	×	×	×	×	×	×	×	×	×	Soil	ociatuic.	eading.		2	AART ICE.	Mot loo:		Due Date.		√ Routine	Turn	Email:											
					n and Conner	6	G	6	G	G	G	G	G	G	G	Water Comp		1	395	14		Vas No		Oldinging 151	Ctandard TA	Rush	Turn Around	Email: gcarrasco@durangonilusueaiii.coiii	City, State ZIF.	Oth Chat Nin.	Address:	Company Name:	Bill to: (if different)					0	
				,	Moehring			+				1			1	p Cont				Par	ame	ete	rs	-		Code	,	urangon				¥.						Chain of Custody	
		Dat			-	-	+	+	+	\vdash	-	×	-	×		# *			вт	EX 8	021	В						liustied	7100	2	288	Dura	Lupe					O,	
		Date/Time			noehrii	-	+	+	+	+	\vdash	\vdash	\vdash	×	×	TF	Ήξ	8015	M (GRO) + [RC) + M	RO)				11.00	Alicaid, Min Corto	MM	W. Kinc	Durango Midstream	Lupe Carrasco					Sno	
					Cmoehring@carmonare	>	< >	< ×	< ×	×	×	×	×	×	×				Chl	orid	e 45	00	,						00110	88310	288 W. Kincaid Ranch Rd.	stream	8	1				tod	
(rmona											7.															ch Rd.							~	
	J.							_	_	_	_		_		L		_		_								AN												
	1111				sources.com	╟	+	+	+	+	+	+	+	+	+				_	e					_		ALYSIS												
	1111	Rece			=		+	+	+	\dagger	+	\dagger	t	\dagger	t												ANALYSIS REQUEST	L					L						
-	P	Received by: (Signature					1	1		1			I														EST		Deliverables: EDD	Reporting:Level II Level III	State of Project:	Program: UST/PST PRP }rownfields							
		(Sign				$\ \cdot\ $	+	+	+	+	\perp	+	+	+	+	-								_	_	+	_		bles: E	ıg:Level	Project	n: UST/							
	Con	ature				╟	+	+	+	+	+	1	+	+	+							_				+					17	PST LE	×				V ork		
1	1	X					+	+	+	+		•		İ	İ																	RP □	ork Or				Work Order No: _		
		1					\perp			1			1	_	_			Z	Z	z	z	エ	Ŧ	I	C	Z			ADaPT	□ST/UST		rownfie	der Coi				No:		
																San		NaOH+Ascorbic Acid: SAPC	Zn Acetate+NaOH: Zn	Na ₂ S ₂ O ₃ : NaSO ₃	NaHSO ₄ : NABIS	H ₃ PO ₄ : HP	H ₂ S0 ₄ : H ₂	HCL: HC	Cool: Cool	None: NO	Pres	,		ST RRP		lds LRC		- 080	Page		Hi		
	-	2 2												,		Sample Comments		corbic A	+NaOH	NaSO ₃	NABIS	J				_	Preservative Codes		Other:	_	í				2		33,		
		=	ato Tim													mment		cid: SAF	: Zn				NaOH: Na	HNO3: HN	MeOH: Me	DI Water: H ₂ U	e Code			Level IV		perfund			of		1/	-	
	0	000)											,		Si		Č					2	z	е	H ₂ U	S O]				<u>Б</u>		7	5	_
	V	V																																1	Pa	age 6	'O O	t 64	7

	4				10	(Comments:			0		4				XX			Sampl	Total Containers	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO#	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone:	City, State ZIF.	Ott. State 7ID:	Address:	Company Name:	Project Manager:	*				
	1					Email to Mike	The Market	T-7 (3')	T-7 (2')	T-7 (1.5')	T-7 (0-1')	T-6 (2')	T-6 (1.5')	T-6 (0-1')	T-5 (4')	T-5 (3')	T-5 (2")	Sample Identification		Seals:	Seals:		CEIPT						432-813-6823	Wildiand, 1X 1010	Midland			Clinton Merritt					
			Relinqui			Calliona / wi	-11 1	8/29/2023	8/29/2023	8/29/2023	8/29/2023	8/29/2023	8/29/2023	8/29/2023	8/29/2023	8/29/2023	8/29/2023	Date		Yes No NA	No	es	Temp Blank:		V4	Eddy County, New Mexico	2075	Apache-Redwood	0823		TX 79701	310 W Wall St Ste 500	Carmona Resources	erritt					
			Relinquished by: (Signature)			alliona@car	Mcarmona@carmonaresources.com and Conner Moehring	2023	2023	2023	2023	023	023	023	023	023	023	e Time	Collection				Yes			New Mexico		dwood											
			ature)		,		monaresour												Collection temperature.	Corrected Temperature:	n racior.	leter ID:				Due Date:	✓ Routine												
							ces.com an	×	×	×	×	×	×	×	×	×	×	Soil W					vvet ice:					Turn Around	Linear Hon	Email: nca	City	Address:	Com	Bill t					
							d Conner M	G	G	G	G	G	G	G	G	G	G	Water Comp		100	101	110	1	Vos No		Standard TAT	Rush	ind		Email: ncarrasco@durangomidstream.com	City, State ZIP:	ress:	Company Name:	Bill to: (if different)					웃
							oehring /	1_	_	_	_	_	1	_	1	- 1	1	# of Cont				Par	ame	eter	3		Code	Pres.		naomidst	1	N							Chain of Custody
			Date/Time				Cmoe	×	×	×	×	×	×	×	×	×	×					EX 8					+			ream.c	rtesia,	88 W. H)urango	Lupe Carrasco					5
			me				hring@	×	+	+	+		+	+	+	×	\vdash	TI	РН	8015	_	oride	_		+ MF	RO)	+	-		om	Artesia, NM 88210	(incaid F	Durango Midstream	rrasco					ojst
_		9	·				Cmoehring@carmonareso	×	×	×	×	×	×	×	×	×	×	_				-		_			+	-			10	288 W. Kincaid Ranch Rd.	am						S
							naresc	-	+	+	+	+	+	+	+	+											$^{+}$					ļ.							
		J.	1				urces.com	-	\dagger	\dagger	\dagger				T			1				,						ANAL											
	'		_			*	com		I			I				L	L	- 1									1	SIS											
		Mi	Received by: (Signature)						1	+		+	+	+	+	+	+	-	_		_		-				+	NALYSIS REQUEST		Del	Rep	Sta	Pro						
		P	d by: (S					╟	+	+	+	+	+	+	1	+	+	-									$^{+}$		1	Deliverables: EDD	orting:L	State of Project.	gram: L						
		1	ignatu						+	\dagger	\dagger			İ		İ	İ								V					s: EDD	evel II L	oject:	IST/PS1				;	W	
		Colonia	e						1	1	1		_	_	1	_	1				_						4				Reporting:Level II Level III		PRP	Work				Work Order No:	
		F.						-	+	+	+	+	+	+	+	+	+	+		-		_					+	-		ADal			From	Order				der No	
			0					ŀ	+	+	+	+	+	+	$^{+}$	\dagger	+			NaOH	Zn Ac	Na ₂ S	NaHS	H ₃ PO ₄ : HP	H ₂ S0 ₄ : H ₂	HCL: HC	Cool: Cool	None: NO		ADaPT L		TOILT	Program: UST/PST LPRP Lirownfields	Work Order Comments	2	Pa	+	, ,	
L	+	-	2															Sample		1+Ascor	etate+N	Na ₂ S ₂ O ₃ : NaSO ₃	NaHSO ₄ : NABIS	4: HP	‡: H ₂	공	Cool	NO	Proceru	Other:		daa	LKC.	BILLS		Page		C	
		J. O.	Date	,														Sample Comments		NaOH+Ascorbic Acid: SAPC	Zn Acetate+NaOH: Zn	Ö	SIS		NaO	HNC	MeO	e: NO DI Water: h	ative C	ā						3 of		34	
		0802	-	1														nents		SAPC					NaOH: Na	HNO3: HN	MeOH: Me	DI Water: H ₂ O	odes		ACLIA	N lava IV	periuna			6		149	
L		V	4			_			\perp	\perp		\perp			\perp	\perp					_			_												Pa	ae 6	1 of	6/

	11	ap.
	C	J
	SON MARK	3"
	Ô	١
	1001	WA W
	5000 5000	3
	C)
	100	41
	C	٦
	5	100
	en	oĝo
	C)
	5	2
1	w	pH No.

	No.	a d		Comments:	1					,					Sample I	Total Containers:	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO#:	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone:	City, State ZIP:	Address:	Company Name:	Project Manager:	
				Email to Mike Car	T-9 (3')	T-9 (2')	T-9 (1.5')	T-9 (0-1')	T-8 (4')	T-8 (3')	T-8 (2')	T-8 (1.5')	T-8 (0-1')	T-7 (4')	Sample Identification		Seals: Yes						Edd			432-813-6823	Midland, TX 79701	310 W Wall St Ste 500	Carmona Resources	Clinton Merritt	
8		Relinquished by: (Signature)		mona / Mcarmona	8/30/2023	8/30/2023	8/30/2023	8/30/2023	8/29/2023	8/29/2023	8/29/2023	8/29/2023	8/29/2023	8/29/2023	Date	1	s No MA	MA	No	Temp Blank:		FV	Eddy County, New Mexico	2075	Apache-Redwood	3	79701	it Ste 500	sources	#	7
	*	y: (Signature)					*								Time	Corrected Temperature	Temperature Reading:	Correction Factor.	Thermometer ID:	Yes Mo					ď						*
				@carmonaresources.com and Conner	×	×	×	×	×	×	×	×	×	×	Soil	rature:	ding:			Wet Ice:			Due Date:	✓ Routine		Email: 0					
				and Conner N	G	G	G	G	G	G	G	G	G	G	Water Comp		-140		140	Yes No	- 1		Standard TAT	Rush	Turn Around	gcarrasco@durangomidstream.com	City, State ZIP:	Address:	Company Name:	Bill to: (if different)	,
				Moehring /	_	_	_	_	_	_	_	_	1		# of	-		F	Para	met	ters			Code	Pres	rangomid					
		Date/Time	·		×	×	×	×	×	×	×	×	×	×				вте	X 80)21B				I		stream.	Artesia,	288 W. Kincaid Ranch	Durango Midstream	Lupe Carrasco	
		ime		Cmoehring@carm	×	×	×	×	×	×	×	×	×	×	TI	PH 80	_				_	MR	0)	+		com	Artesia, NM 88210	Kincaid	o Midstr	arrasco	
				@carmon	×	×	×	×	×	×	×	×	×	×				Chlo	ride	450	0						210	Ranch Rd.			
				onaresources.com			,														* .			1	A						
				rces.co		-	-	_	_	-		_	-	-						,				+	NALYS						
	18 M	Rece		ä		+	-	<u> </u>	+	+	+	+	+						1					+	ANALYSIS REQUEST	L					
	1	Received by: (Signature				1	1	-	1	1	1	1	1					-							JEST	Delivera		Reportion	Progran		
	Ma	(Signat			\parallel	+	+	+	+	+	+	+	+	+			17.	_			_			+	-	Deliverables. FDD	Mas: ED	Benorting level III Level III	Program: USI/P		
	1	u(e)				\dagger		İ	1	1	İ		1											1				Leve	SI LPK	Wo	
	1 X					1		1	_	_	+	+	_	+						-					_					rk Orde	
		0				+	+	+		+	,	+	+				NaOF	Zn Ac	Nass	NaHS	H, PO HP	H ₂ S0.: H ₂	HCI - HC	Nolid. NO			ADaPT	TSU/TS	Program: USI/PSI PRF Prowillielus	Work Order Comments	Ps
		>				100									Sample		1+Ascorb	Zn Acetate+NaOH: Zn	Na ₂ S ₂ O ₃ : NaSO ₃	NaHSO.: NABIS	HP ,	H	HO COO		Preserv		Other	RRP	Ş	nents	
	1.9 5 080	Date/Ti													Sample Comments		NaOH+Ascorbic Acid: SAPC	OH: Zn	0	S		NaOH: Na	HNO. HN	MoOH: Mo	Preservative Codes		٦.	Level IV	Delland		4 of6

Released to Imaging: 3/19/2024 7:43:17 AM

Make 911	Mannika	ā	Date/Tillic				y: (Signature)	Relinquished by: (Signature)		
Received by: /Signature) Date/Time	Rec	מת	Date/Tir							
	/ Cmoehring@carmonaresources.com	nring@carn	/ Cmoet	oehring	Conner M	Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring	na@carmonare	ona / Mcarmo	Email to Mike Carm	Comments: Em
		× ×	×	_	G	×		8/30/2023	T-11 (3')	7-1
		+	+		0	×		8/30/2023	T-11 (2")	
		+	+		G	×		8/30/2023	T-11 (1.5')	
		+	+	_	G	×		8/30/2023	T-11 (0-1')	7 1-11
		+	+	_	G	×		8/30/2023	T-10 (5')	
		+	+	_	G	×.		8/30/2023	(4")	
		+	+	_	G	×		8/30/2023	(3')	
		\vdash	\vdash	_	G	×		8/30/2023	(2')	4
		+		1	G	×		8/30/2023	(1.5')	T-10 (1.5')
		÷	+	_	G	×		8/30/2023	(0-1')	T-10 (0-1')
Sample Comments		-	-	Cont Cont	ter Comp	Soil Water	Time	Date	ntification	Sample Identification
		РН					Collected Lemberdanie			Total Containers:
NaOH+Ascorbic Acid: SAPC		8018	0045				Corrected Temperature	NO CNIA	als: Yes	Sample Custody Seals:
Zn Acetate+NaOH: Zn	20				79:	-	Temperature Rear		Yes	Cooler Custody Seals:
Na ₂ S ₂ O ₃ : NaSO ₃				Pa			Correction Eactor		T. C.	Received Intact
NaHSO ₄ : NABIS		le 4	8021	ram			Thermometer ID:			SAMIT LE NEOL
H₃PO₄; HP				nete	Yes No	Wet ice:	Yes No	Temp Blank		CAMBI E BECEIDT
		,+1		rs						PO#
HCL: HC HNO3: HN		MRO	MPO					FV		Sampler's Name:
<u> </u>		'' 			Standard TAT	Due Date: Sta		Eddy County, New Mexico	Eddy	Project Location
				Code	Rush	Routine		2075		Project Number:
Preservati	ANALYSIS REQUEST	_		0700	nd	Turn Around	d .	Apache-Redwood	A	Project Name:
		m	stream.co	ingomids	Email: gcarrasco@durangomidstream.com	Email: gcar			432-813-6823	Phone:
ADaPT Other		VM 88210	Artesia, NM 88210		City, State ZIP:	City,		701	Midland, TX 79701	City, State ZIP:
Bosonting: Devoi	Rd.	288 W. Kincaid Ranch Rd.	288 W. K		ess:	Address		Ste 500	310 W Wall St Ste 500	Address:
		Durango Midstream	Durango		Company Name:	Comp		ırces	Carmona Resources	Company Name:
Brogram: HST/DST DRD trownfields tRC perfund		daco	Lupe callasco		Bill to: (if different)	BIII 10			Clinton Merritt	Project Manager:
Work Order Comments		rasco	I une Car							
Page 5 of 6										
age										
Work Order No: 17007177										
Mariante		f manage) W W W	Sill A	<					
61		Chain of Custody	2	3	5					

	Comments: Email	T-12 (4')					T-11 (4")	Sample Identification	Total Containers:	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO#:	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone: 4	ate ZIF.				Project Manager: C				
	to Mike Carmona /	4")	3)	٢	5")	13	و	ification		Yes	Yes 1	Yes				Eddy C		Apa	432-813-6823	ildiand, ix ion	Midland TX 79701	310 W Wall St Ste 500	Carmona Resources	Clinton Merritt				
Relinquished by: (Signature)		8/30/2023	8/30/2023	8/30/2023	8/30/2023	8/30/2023	8/30/2023	Date		No AMA	No N/A	No	Temp Blank:		FV	Eddy County, New Mexico	2075	Apache-Redwood			01	te 500	rces					
:: (Signature)	a@carmonar				,		-	Time	Corrected Temperature:	Temperature Reading:	Correction Factor:	Thermometer ID:	Yes No)							9				*			
	Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com	×	×	×	×	×	×	Soil	rature:	ding:			Wet lce:			Due Date:	✓ Routine	Turn Around		Email: 0	0	A	0	В				
	and Conner	G	G	G	G	G	G	Water Comp	1	2/40		140	Yes No	- 1		Standard TAT	Rush	round		Email: ncarrasco@durangomidstream.com	City, State ZIP:	Address:	Company Name:	Bill to: (if different)				0
	Moehrin	-		_	1	_	_	Cont				Para	amet	ters			Code	Pres		rangomi								Chain of Custody
Date	g / Cm	×	×	×	×	×	×				вте	X 80)21B							dstream	Artesia	288 W	Duran	Lupe (of C
Date/Time	oehring	>	×	×	×	×	×	TF	н 80		_	_	+ DF		MR	(0)		_		.com	Artesia, NM 88210	. Kincaid	Durango Midstream	Lupe Carrasco				USto
	@carm	<u> </u>	< ×	. ×	×	×	×			(Chlo	ride	450	0			1.				210	288 W. Kincaid Ranch Rd.	eam					ody
	onares		1	\vdash													+					d.						
	ources.		+															ANALY										
	com			_	-												+	SIS RE				,						
Received by:	4	+++	+	+	-	\vdash									_		+	ANALYSIS REQUEST	2	Deliv	Repo	State	Prog					
																	1			Deliverables: EDD	Reporting:Level II Level III	State of Floject.	Program: USI/PSI PRF Frowninieus					
(Signature)			+	\downarrow	\perp	-	L	_	140		_	_					+	_		EDD L	- E		I/PSI				Work	
			+	+	+	+	+	\vdash		-							+						לאלי [Work O			Orde	
			\perp		İ					7	N	7	7	T	_	т (ADaPT L		DCT/II	Month	rder Co			Work Order No:	
								San		laOH+As	Zn Acetate+NaOH: Zn	Na ₂ S ₂ O ₃ : NaSO ₃	NaHSO ₄ : NABIS	H ₂ PO ₄ : HP	H ₂ S0 ₄ : H ₂	HCL: HC	Cool: Cool	None: NO	Proc						Page_		He	
9123								nple Co		corbic A	e+NaOH	$NaSO_3$	NABIS	U				CI YOU	ervativ	Other:				5	6		234	
								Sample Comments		NaOH+Ascorbic Acid: SAPC	Zn				NaOH: Na	HNO ₃ : HN	MeOH: Me	NO DI Water H ₂ O	Codes		Trovoity	N lava IV	Periana	horfun	of 6		114	I
										.,			1		_			H-0			[2000	64 c) of C4



September 06, 2023

CLINT MERRITT

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: APACHE - REDWOOD

Enclosed are the results of analyses for samples received by the laboratory on 09/01/23 8:03.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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 CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Reported: 09/06/2023

: APACHE - REDWOOD

Project Name: APAC Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 08/29/2023

Sampling Type: Soil

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

Sample ID: H - 6 (0-0.5') (H234748-01)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	1.94	97.2	2.00	1.69	
Toluene*	<0.050	0.050	09/02/2023	ND	1.95	97.4	2.00	2.46	
Ethylbenzene*	< 0.050	0.050	09/02/2023	ND	2.11	106	2.00	0.998	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	6.39	106	6.00	0.155	
Total BTEX	<0.300	0.300	09/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 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	09/01/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	172	85.8	200	0.179	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	183	91.6	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	81.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.3	% 49.1-14	8						

A ... - L ... - - - I D. .. MC

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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



08/29/2023

Soil

Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/01/2023 Sampling Date:
Reported: 09/06/2023 Sampling Type:

Project Name: APACHE - REDWOOD Sampling Condition: Cool & Intact
Project Number: 2075 Sample Received By: Tamara Oldaker

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sample ID: H - 12 (0-0.5') (H234748-02)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	1.94	97.2	2.00	1.69	
Toluene*	<0.050	0.050	09/02/2023	ND	1.95	97.4	2.00	2.46	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	2.11	106	2.00	0.998	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	6.39	106	6.00	0.155	
Total BTEX	<0.300	0.300	09/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/01/2023	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	172	85.8	200	0.179	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	183	91.6	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					
Surrogate: 1-Chlorooctane	80.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.1	% 49.1-14	18						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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. Keine



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

	CONT		5.						H-12 (0-0.5')	H-6 (0-0.5')	sample Identification	ntainers:	Custody Seals:	ustody Seals:	Intact	E RECEIPT		s Name:		lumber:	lame:		te ZIP:		y Name:	Manager:		
			O WINE CALL			4	,		0.5')	1.5')	tification		s: Yes		_			Eddy			1	432-813-6823	Midland, TX 79701	310 W Wall St Ste 500	Carmona Resources	Clinton Merritt	n/ n/	
		Relinquished I	iona / mcarm						8/29/2023	8/29/2023	Date		No WIA	No	Yes No	Temp Blank:		Eddy County, New Mexico FV	0 0	2075	Apache-Redwood		9701	t Ste 500	ources			
,		Relinquished by: (Signature)	Gran Gran								Time	Corrected Temperature:	Temperature Reading:	Correction Factor:	Thermometer ID:	Yes Mo		Mexico			ood		v					
			ins. Email to mive califiona / micarmona@calimonaresources.com and conner Moenring / Cimoenring@carmonaresources.com						×	×	Soil	nperature:	Reading:	dor:	ID:	Wet Ice:		Due Date:) [✓ Routine	Tu	Ema						
			m and Conn								Water	1	1.14	1	140	Yes		Standard IAI	? [Rush	Turn Around	Email: gcarrasco@durangomidstream.com	City, State ZIP:	Address:	Company Name	Bill to: (if different)		
_			er woen					_	G	G	Grab/ #	II'	C			No		A		-		@durang	ZIP:		vame:	ferent)		
		Dat	nng C		+	,		-	1	1	# of Cont					meter	rs		ode	Pres.		omidstre	Ar	28	De	Lu		
		Date/Time	noenri		+	+	+	+	×	×	TP	H 801		(GF	*	DRO	+ M	RO)	+	-		eam.cor	Artesia, NM 88210	288 W. Kincaid Ranch Rd	Durango Midstream	Lupe Carrasco		
-			ng@ca						×	×			CI	nlori	de 4	1500						In	A 88210	icaid Rai	lidstream	SCO		
			monar																					nch Rd.				
3			esourc	$\parallel \perp$	+			+									_		+		AN							
		•	es.com	$\parallel + \parallel$	+			+											+	_	ANALYSIS							
	PH	Rece					T	$^{+}$											+									
	A	Received by:																	I	- 61	REQUEST	Delive	Repor	State	Progra			
		(Signature				_	\sqcup	_					-						1			Deliverables: EDD	Reporting:Level II Level III	State of Project:	Program: UST/PST PRP			
	R	aturé)		\parallel	+	+	+	+		_					_			-	+	-		EDD	el	ct:	T/PST			Wor
	Q.	2			+	+	++	+		_									+	\dashv			Level II		PRP	Work		Work Order No:
	1	5		$\parallel +$	+	+	+	+		_									+	-		ADa				Orde		der N
							\forall					NaOI	Zn A	Na ₂ S	NaH	H ₃ PC	H ₂ S0	Cool: Coo	NOING	Non		ADaPT 🗆	□ST/UST		rownfields	Work Order Comments		9.
+	9										Samp	H+Asco	cetate+	Na ₂ S ₂ O ₃ : NaSO ₃	NaHSO ₄ : NABIS	H ₃ PO ₄ : HP	H ₂ S0 ₄ : H ₂	Cool: Cool	None. NO	NO S	Prese	Q.	RRP		s RC	ments	Page _	A.
	9.1.23 8	Date/Time									Sample Comments	NaOH+Ascorbic Acid: SAPC	Zn Acetate+NaOH: Zn	3SO3	ABIS		NaOH: Na	MeOH: Me HNO ₃ : HN	· · · DI Water: H ₂ O	NO - DI Woter L	rvative Code	Other:	RP ☐Level IV		RC perfund		_1_ of	23474
	808										Ví	Č	1				a	z /e	. H ₂ U		ň		<		E D			8
																								-	1		Pa	ige 5 of



September 27, 2023

CLINT MERRITT

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: APACHE - REDWOOD

Enclosed are the results of analyses for samples received by the laboratory on 09/22/23 16:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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 **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

APACHE - REDWOOD

Project Number: 2075

Project Name:

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes) Sample Received By:

Shalyn Rodriguez

Sample ID: CS - 1 (2.5') (H235183-01)

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	09/25/2023	ND	1.76	87.9	2.00	5.94	
Toluene*	<0.050	0.050	09/25/2023	ND	1.80	89.8	2.00	4.89	
Ethylbenzene*	<0.050	0.050	09/25/2023	ND	1.92	96.2	2.00	6.14	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	5.73	95.6	6.00	6.72	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/25/2023	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	09/25/2023	ND	205	102	200	5.11	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	211	106	200	5.37	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	88.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.3	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keine



Analytical Results For:

CARMONA RESOURCES **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

APACHE - REDWOOD

Project Name: Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes) Sample Received By: Shalyn Rodriguez

Sample ID: CS - 2 (2.5') (H235183-02)

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	09/25/2023	ND	1.76	87.9	2.00	5.94	
Toluene*	<0.050	0.050	09/25/2023	ND	1.80	89.8	2.00	4.89	
Ethylbenzene*	<0.050	0.050	09/25/2023	ND	1.92	96.2	2.00	6.14	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	5.73	95.6	6.00	6.72	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/25/2023	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	09/25/2023	ND	205	102	200	5.11	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	211	106	200	5.37	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	93.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105 9	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate 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 CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

09/27/2023 APACHE - REDWOOD Sampling Date: 09/21/2023 Sampling Type: Soil

Project Number: APAC

Sampling Condition: Sample Received By:

** (See Notes)
Shalyn Rodriguez

Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sample ID: CS - 3 (2.5') (H235183-03)

BTEX 8021B

	<u> </u>			. , . ,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/25/2023	ND	1.76	87.9	2.00	5.94	
Toluene*	<0.050	0.050	09/25/2023	ND	1.80	89.8	2.00	4.89	
Ethylbenzene*	<0.050	0.050	09/25/2023	ND	1.92	96.2	2.00	6.14	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	5.73	95.6	6.00	6.72	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/25/2023	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	09/25/2023	ND	205	102	200	5.11	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	211	106	200	5.37	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	89.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

Analyzed By: JH/

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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



Analytical Results For:

CARMONA RESOURCES **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported:

09/27/2023 APACHE - REDWOOD

Project Name: Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes) Sample Received By: Shalyn Rodriguez

Sample ID: CS - 4 (2.5') (H235183-04)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/25/2023	ND	1.76	87.9	2.00	5.94	
Toluene*	<0.050	0.050	09/25/2023	ND	1.80	89.8	2.00	4.89	
Ethylbenzene*	< 0.050	0.050	09/25/2023	ND	1.92	96.2	2.00	6.14	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	5.73	95.6	6.00	6.72	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 %	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	48.0	16.0	09/25/2023	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	09/25/2023	ND	205	102	200	5.11	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	211	106	200	5.37	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	106 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123 9	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate 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 **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

Project Name: APACHE - REDWOOD

Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes) Sample Received By: Shalyn Rodriguez

Sample ID: CS - 5 (1.5') (H235183-05)

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	09/25/2023	ND	1.76	87.9	2.00	5.94	
Toluene*	< 0.050	0.050	09/25/2023	ND	1.80	89.8	2.00	4.89	
Ethylbenzene*	<0.050	0.050	09/25/2023	ND	1.92	96.2	2.00	6.14	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	5.73	95.6	6.00	6.72	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	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	09/25/2023	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	09/25/2023	ND	205	102	200	5.11	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	211	106	200	5.37	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	93.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keine



Analytical Results For:

CARMONA RESOURCES **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

APACHE - REDWOOD

Project Number: 2075

Project Name:

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes) Sample Received By: Shalyn Rodriguez

Sample ID: CS - 6 (1.5') (H235183-06)

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	09/25/2023	ND	1.76	87.9	2.00	5.94	
Toluene*	<0.050	0.050	09/25/2023	ND	1.80	89.8	2.00	4.89	
Ethylbenzene*	<0.050	0.050	09/25/2023	ND	1.92	96.2	2.00	6.14	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	5.73	95.6	6.00	6.72	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 %	6 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	09/25/2023	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	09/25/2023	ND	205	102	200	5.11	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	211	106	200	5.37	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	92.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105 9	6 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keine



Analytical Results For:

CARMONA RESOURCES **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported:

09/27/2023

APACHE - REDWOOD

Project Number: 2075

Project Name:

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes) Sample Received By: Shalyn Rodriguez

Sample ID: CS - 7 (1.5') (H235183-07)

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	09/25/2023	ND	1.76	87.9	2.00	5.94	
Toluene*	<0.050	0.050	09/25/2023	ND	1.80	89.8	2.00	4.89	
Ethylbenzene*	<0.050	0.050	09/25/2023	ND	1.92	96.2	2.00	6.14	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	5.73	95.6	6.00	6.72	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 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	09/25/2023	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	09/25/2023	ND	205	102	200	5.11	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	211	106	200	5.37	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	82.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.4	% 49.1-14	18						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keine



Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

APACHE - REDWOOD

Project Name: APAC Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 8 (1.5') (H235183-08)

RTFY 8021R

B1EX 8021B	mg/	ку	Апануге	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/25/2023	ND	1.76	87.9	2.00	5.94	
Toluene*	<0.050	0.050	09/25/2023	ND	1.80	89.8	2.00	4.89	
Ethylbenzene*	<0.050	0.050	09/25/2023	ND	1.92	96.2	2.00	6.14	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	5.73	95.6	6.00	6.72	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/25/2023	ND	205	102	200	5.11	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	211	106	200	5.37	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	82.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.0	% 49.1-14	8						

Applyzod By: 1H /

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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.

Celeg & Frence



Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

APACHE - REDWOOD

Project Name: APAC Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 9 (1.5') (H235183-09)

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	09/25/2023	ND	1.76	87.9	2.00	5.94	
Toluene*	<0.050	0.050	09/25/2023	ND	1.80	89.8	2.00	4.89	
Ethylbenzene*	<0.050	0.050	09/25/2023	ND	1.92	96.2	2.00	6.14	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	5.73	95.6	6.00	6.72	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 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	96.0	16.0	09/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/25/2023	ND	205	102	200	5.11	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	211	106	200	5.37	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	81.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.1	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results 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



Analytical Results For:

CARMONA RESOURCES **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported:

09/27/2023

APACHE - REDWOOD

Project Number: 2075

Project Name:

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes) Sample Received By: Shalyn Rodriguez

Sample ID: CS - 10 (1.5') (H235183-10)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/25/2023	ND	1.76	87.9	2.00	5.94	
Toluene*	<0.050	0.050	09/25/2023	ND	1.80	89.8	2.00	4.89	
Ethylbenzene*	<0.050	0.050	09/25/2023	ND	1.92	96.2	2.00	6.14	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	5.73	95.6	6.00	6.72	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/25/2023	ND	205	102	200	5.11	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	211	106	200	5.37	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	97.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108 9	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate 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 CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

APACHE - REDWOOD

Project Name: APAC Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 11 (1.5') (H235183-11)

RTFY 8021R

B1EX 8021B	mg,	rky	Allalyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/25/2023	ND	1.76	87.9	2.00	5.94	
Toluene*	<0.050	0.050	09/25/2023	ND	1.80	89.8	2.00	4.89	
Ethylbenzene*	<0.050	0.050	09/25/2023	ND	1.92	96.2	2.00	6.14	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	5.73	95.6	6.00	6.72	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/25/2023	ND	205	102	200	5.11	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	211	106	200	5.37	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	96.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	% 49.1-14	8						

Applyzod By: 1H /

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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



Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

09/22/2023 09/27/2023

Project Name: APACHE - REDWOOD

Project Number: 2075

Received:

Reported:

RTFY 8021R

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 12 (1.5') (H235183-12)

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	09/25/2023	ND	1.76	87.9	2.00	5.94	
Toluene*	<0.050	0.050	09/25/2023	ND	1.80	89.8	2.00	4.89	
Ethylbenzene*	<0.050	0.050	09/25/2023	ND	1.92	96.2	2.00	6.14	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	5.73	95.6	6.00	6.72	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 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	64.0	16.0	09/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/25/2023	ND	205	102	200	5.11	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	211	106	200	5.37	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	79.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.6	% 49.1-14	8						

Applyzod By: 1H /

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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. Keine



Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

09/27/2023 APACHE - REDWOOD Sampling Date: Sampling Type: 09/21/2023 Soil

Project Name: Project Number:

BTEX 8021B

2075

Sampling Condition: Sample Received By: ** (See Notes)
Shalyn Rodriguez

Project Location:

DURANGO-EDDY COUNTY, NEW MEXICC

Sample ID: CS - 13 (1.5') (H235183-13)

	9/	9	7	1 1 ,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/25/2023	ND	1.76	87.9	2.00	5.94	
Toluene*	<0.050	0.050	09/25/2023	ND	1.80	89.8	2.00	4.89	
Ethylbenzene*	<0.050	0.050	09/25/2023	ND	1.92	96.2	2.00	6.14	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	5.73	95.6	6.00	6.72	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/25/2023	ND	205	102	200	5.11	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	211	106	200	5.37	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	84.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.4	% 49.1-14	8						

Analyzed By: JH/

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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.

Celeg D. Freene



Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

09/27/2023

APACHE - REDWOOD

Project Number: 2075

Project Name:

BTEX 8021B

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 14 (2.0') (H235183-14)

	9,	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/25/2023	ND	1.76	87.9	2.00	5.94	
Toluene*	<0.050	0.050	09/25/2023	ND	1.80	89.8	2.00	4.89	
Ethylbenzene*	<0.050	0.050	09/25/2023	ND	1.92	96.2	2.00	6.14	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	5.73	95.6	6.00	6.72	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 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	80.0	16.0	09/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/25/2023	ND	205	102	200	5.11	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	211	106	200	5.37	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	83.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.6	% 49.1-14	8						

Analyzed By: JH/

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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



Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

09/27/2023 Sampling Type: APACHE - REDWOOD Sampling Condit

Project Name: APACHE
Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 09/21/2023

Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 15 (2.0') (H235183-15)

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	09/25/2023	ND	1.87	93.6	2.00	1.82	
Toluene*	<0.050	0.050	09/25/2023	ND	2.07	103	2.00	0.00450	
Ethylbenzene*	<0.050	0.050	09/25/2023	ND	2.27	113	2.00	0.667	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	6.80	113	6.00	1.05	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/25/2023	ND	205	102	200	5.11	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	211	106	200	5.37	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	94.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

Analyzed By: 14

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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



Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Sampling Date: 09/21/2023 Reported: 09/27/2023 Sampling Type: Soil

Project Name: APACHE - REDWOOD Sampling Condition: ** (See Notes)
Project Number: 2075 Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sample ID: CS - 16 (2.0') (H235183-16)

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	09/25/2023	ND	1.87	93.6	2.00	1.82	
Toluene*	<0.050	0.050	09/25/2023	ND	2.07	103	2.00	0.00450	
Ethylbenzene*	<0.050	0.050	09/25/2023	ND	2.27	113	2.00	0.667	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	6.80	113	6.00	1.05	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/25/2023	ND	190	95.0	200	3.99	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	197	98.3	200	5.58	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	85.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.5	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results 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



Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

Project Name: APACHE - REDWOOD

Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 17 (2.0') (H235183-17)

BTEX 8021B

	91	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/25/2023	ND	1.87	93.6	2.00	1.82	
Toluene*	<0.050	0.050	09/25/2023	ND	2.07	103	2.00	0.00450	
Ethylbenzene*	<0.050	0.050	09/25/2023	ND	2.27	113	2.00	0.667	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	6.80	113	6.00	1.05	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/25/2023	ND	190	95.0	200	3.99	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	197	98.3	200	5.58	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	83.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.8	% 49.1-14	8						

Analyzed By: JH

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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



Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

Project Name: APACHE - REDWOOD

Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 18 (2.0') (H235183-18)

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	09/25/2023	ND	1.87	93.6	2.00	1.82	
Toluene*	<0.050	0.050	09/25/2023	ND	2.07	103	2.00	0.00450	
Ethylbenzene*	<0.050	0.050	09/25/2023	ND	2.27	113	2.00	0.667	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	6.80	113	6.00	1.05	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 %	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/25/2023	ND	190	95.0	200	3.99	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	197	98.3	200	5.58	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	73.0 9	26 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.5 9	% 49.1-14	8						

Analyzed By: 14

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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 CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

Project Name: APACHE - REDWOOD

Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 19 (2.0') (H235183-19)

BTEX 8021B

DILX GOZID	ıııg,	ng .	Andryzo	u by. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/25/2023	ND	1.87	93.6	2.00	1.82	
Toluene*	<0.050	0.050	09/25/2023	ND	2.07	103	2.00	0.00450	
Ethylbenzene*	<0.050	0.050	09/25/2023	ND	2.27	113	2.00	0.667	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	6.80	113	6.00	1.05	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/25/2023	ND	190	95.0	200	3.99	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	197	98.3	200	5.58	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	88.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.9	% 49.1-14	8						

Analyzed By: JH

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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. Keene



09/21/2023

Soil

Analytical Results For:

CARMONA RESOURCES **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Sampling Date: Reported: 09/27/2023 Sampling Type:

Project Name: APACHE - REDWOOD Sampling Condition: ** (See Notes) Sample Received By: Project Number: 2075 Shalyn Rodriguez

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sample ID: CS - 20 (2.0') (H235183-20)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/25/2023	ND	1.87	93.6	2.00	1.82	
Toluene*	<0.050	0.050	09/25/2023	ND	2.07	103	2.00	0.00450	
Ethylbenzene*	<0.050	0.050	09/25/2023	ND	2.27	113	2.00	0.667	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	6.80	113	6.00	1.05	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/25/2023	ND	190	95.0	200	3.99	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	197	98.3	200	5.58	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	91.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.1	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate 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 CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

APACHE - REDWOOD

Project Name: APAC Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 21 (2.0') (H235183-21)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/25/2023	ND	1.87	93.6	2.00	1.82	
Toluene*	<0.050	0.050	09/25/2023	ND	2.07	103	2.00	0.00450	
Ethylbenzene*	<0.050	0.050	09/25/2023	ND	2.27	113	2.00	0.667	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	6.80	113	6.00	1.05	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 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	09/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/25/2023	ND	190	95.0	200	3.99	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	197	98.3	200	5.58	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	94.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.6	% 49.1-14	8						

Applyzod By: 14

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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



Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Sampling Date: 09/21/2023
Reported: 09/27/2023 Sampling Type: Soil

Project Name: APACHE - REDWOOD Sampling Condition: ** (See Notes)
Project Number: 2075 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sample ID: CS - 22 (2.0') (H235183-22)

RTFY 8021R

B1EX 8021B	mg/	кg	Апануге	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/25/2023	ND	1.87	93.6	2.00	1.82	
Toluene*	<0.050	0.050	09/25/2023	ND	2.07	103	2.00	0.00450	
Ethylbenzene*	<0.050	0.050	09/25/2023	ND	2.27	113	2.00	0.667	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	6.80	113	6.00	1.05	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/25/2023	ND	190	95.0	200	3.99	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	197	98.3	200	5.58	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	82.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.4	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related 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 CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

Project Name: APACHE - REDWOOD

Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 23 (2.0') (H235183-23)

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	09/25/2023	ND	1.87	93.6	2.00	1.82	
Toluene*	<0.050	0.050	09/25/2023	ND	2.07	103	2.00	0.00450	
Ethylbenzene*	<0.050	0.050	09/25/2023	ND	2.27	113	2.00	0.667	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	6.80	113	6.00	1.05	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 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	09/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/25/2023	ND	190	95.0	200	3.99	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	197	98.3	200	5.58	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	84.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.8	% 49.1-14	8						

Analyzed By: JH

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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



Sample Received By:

09/21/2023

Shalyn Rodriguez

Analytical Results For:

CARMONA RESOURCES **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Sampling Date: Reported: 09/27/2023

Sampling Type: Soil Project Name: APACHE - REDWOOD Sampling Condition: ** (See Notes)

Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sample ID: CS - 24 (2.0') (H235183-24)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/25/2023	ND	1.87	93.6	2.00	1.82	
Toluene*	<0.050	0.050	09/25/2023	ND	2.07	103	2.00	0.00450	
Ethylbenzene*	<0.050	0.050	09/25/2023	ND	2.27	113	2.00	0.667	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	6.80	113	6.00	1.05	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 %	% 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	09/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/25/2023	ND	190	95.0	200	3.99	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	197	98.3	200	5.58	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	91.89	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.4	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate 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 **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

Project Name: APACHE - REDWOOD

Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes) Sample Received By: Shalyn Rodriguez

Sample ID: CS - 25 (2.0') (H235183-25)

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	09/25/2023	ND	1.87	93.6	2.00	1.82	
Toluene*	<0.050	0.050	09/25/2023	ND	2.07	103	2.00	0.00450	
Ethylbenzene*	<0.050	0.050	09/25/2023	ND	2.27	113	2.00	0.667	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	6.80	113	6.00	1.05	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 %	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	09/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/25/2023	ND	190	95.0	200	3.99	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	197	98.3	200	5.58	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	78.5 9	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.7 9	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate 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 CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

APACHE - REDWOOD

Project Number: 2075

Project Name:

RTFY 8021R

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 26 (2.0') (H235183-26)

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	09/25/2023	ND	1.87	93.6	2.00	1.82	
Toluene*	<0.050	0.050	09/25/2023	ND	2.07	103	2.00	0.00450	
Ethylbenzene*	<0.050	0.050	09/25/2023	ND	2.27	113	2.00	0.667	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	6.80	113	6.00	1.05	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 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	09/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/25/2023	ND	190	95.0	200	3.99	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	197	98.3	200	5.58	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	73.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.3	% 49.1-14	8						

Analyzed By: 14

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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 CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

Project Name: APACHE - REDWOOD

Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 27 (2.0') (H235183-27)

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	09/25/2023	ND	1.87	93.6	2.00	1.82	
Toluene*	<0.050	0.050	09/25/2023	ND	2.07	103	2.00	0.00450	
Ethylbenzene*	<0.050	0.050	09/25/2023	ND	2.27	113	2.00	0.667	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	6.80	113	6.00	1.05	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 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	09/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/25/2023	ND	190	95.0	200	3.99	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	197	98.3	200	5.58	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	77.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.8	% 49.1-14	8						

Applyzod By: 14

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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 CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

 Received:
 09/22/2023
 Sam

 Reported:
 09/27/2023
 Sam

Project Name: APACHE - REDWOOD Samp

Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 28 (2.0') (H235183-28)

BTEX 8021B

DILX GOZID	11197	ng .	Alldiyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/25/2023	ND	1.87	93.6	2.00	1.82	
Toluene*	<0.050	0.050	09/25/2023	ND	2.07	103	2.00	0.00450	
Ethylbenzene*	<0.050	0.050	09/25/2023	ND	2.27	113	2.00	0.667	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	6.80	113	6.00	1.05	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/25/2023	ND	432	108	400	3.64	
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	09/25/2023	ND	190	95.0	200	3.99	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	197	98.3	200	5.58	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	82.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.8	% 49.1-14	8						

Analyzed By: JH

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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



09/21/2023

Soil

Analytical Results For:

CARMONA RESOURCES **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Sampling Date: Reported: 09/27/2023 Sampling Type:

Project Name: APACHE - REDWOOD Sampling Condition: ** (See Notes) Sample Received By: Project Number: 2075 Shalyn Rodriguez

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sample ID: CS - 29 (2.0') (H235183-29)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/25/2023	ND	1.87	93.6	2.00	1.82	
Toluene*	<0.050	0.050	09/25/2023	ND	2.07	103	2.00	0.00450	
Ethylbenzene*	<0.050	0.050	09/25/2023	ND	2.27	113	2.00	0.667	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	6.80	113	6.00	1.05	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/25/2023	ND	432	108	400	3.64	
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	09/25/2023	ND	190	95.0	200	3.99	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	197	98.3	200	5.58	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	77.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.8	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate 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 CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

Project Name: APACHE - REDWOOD

Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 30 (2.0') (H235183-30)

RTFY 8021R

B1EX 8021B	mg/	кg	Апануге	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/25/2023	ND	1.87	93.6	2.00	1.82	
Toluene*	<0.050	0.050	09/25/2023	ND	2.07	103	2.00	0.00450	
Ethylbenzene*	<0.050	0.050	09/25/2023	ND	2.27	113	2.00	0.667	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	6.80	113	6.00	1.05	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/25/2023	ND	432	108	400	3.64	
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	09/25/2023	ND	190	95.0	200	3.99	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	197	98.3	200	5.58	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	82.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.1	% 49.1-14	8						

Applyzod By: 14

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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



Analytical Results For:

CARMONA RESOURCES **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported:

Sampling Date: 09/21/2023 09/27/2023 Sampling Type: Soil

Project Name: Project Number:

APACHE - REDWOOD Sampling Condition: ** (See Notes) Sample Received By: 2075 Shalyn Rodriguez

Analyzed By: JH

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sample ID: CS - 31 (2.0') (H235183-31)

BTEX 8021B

DILX GOZID	ıııg,	K9	Alldiyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/25/2023	ND	1.87	93.6	2.00	1.82	
Toluene*	<0.050	0.050	09/25/2023	ND	2.07	103	2.00	0.00450	
Ethylbenzene*	<0.050	0.050	09/25/2023	ND	2.27	113	2.00	0.667	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	6.80	113	6.00	1.05	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/25/2023	ND	432	108	400	3.64	
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	09/25/2023	ND	190	95.0	200	3.99	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	197	98.3	200	5.58	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	94.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.8	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate 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 **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

APACHE - REDWOOD

Project Number: 2075

Project Name:

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes) Sample Received By: Shalyn Rodriguez

Sample ID: CS - 32 (2.0') (H235183-32)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/25/2023	ND	1.87	93.6	2.00	1.82	
Toluene*	<0.050	0.050	09/25/2023	ND	2.07	103	2.00	0.00450	
Ethylbenzene*	<0.050	0.050	09/25/2023	ND	2.27	113	2.00	0.667	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	6.80	113	6.00	1.05	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/25/2023	ND	432	108	400	3.64	
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	09/25/2023	ND	190	95.0	200	3.99	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	197	98.3	200	5.58	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	85.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.7	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate 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 **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

APACHE - REDWOOD

Project Name: Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes) Sample Received By: Shalyn Rodriguez

Sample ID: CS - 33 (1.5') (H235183-33)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/25/2023	ND	1.87	93.6	2.00	1.82	
Toluene*	<0.050	0.050	09/25/2023	ND	2.07	103	2.00	0.00450	
Ethylbenzene*	<0.050	0.050	09/25/2023	ND	2.27	113	2.00	0.667	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	6.80	113	6.00	1.05	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/25/2023	ND	432	108	400	3.64	
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	09/25/2023	ND	190	95.0	200	3.99	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	197	98.3	200	5.58	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	87.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.1	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



09/21/2023

Soil

Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Sampling Date: Reported: 09/27/2023 Sampling Type:

Project Name: APACHE - REDWOOD Sampling Condition: ** (See Notes)
Project Number: 2075 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sample ID: CS - 34 (1.5') (H235183-34)

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	09/25/2023	ND	1.87	93.6	2.00	1.82	
Toluene*	<0.050	0.050	09/25/2023	ND	2.07	103	2.00	0.00450	
Ethylbenzene*	<0.050	0.050	09/25/2023	ND	2.27	113	2.00	0.667	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	6.80	113	6.00	1.05	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/25/2023	ND	432	108	400	3.64	
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	09/25/2023	ND	190	95.0	200	3.99	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	197	98.3	200	5.58	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	89.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.9	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related 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 CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

Project Name: APACHE - REDWOOD

Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 35 (1.5') (H235183-35)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2023	ND	2.07	103	2.00	0.334	
Toluene*	<0.050	0.050	09/26/2023	ND	2.18	109	2.00	1.02	
Ethylbenzene*	<0.050	0.050	09/26/2023	ND	2.42	121	2.00	0.843	
Total Xylenes*	<0.150	0.150	09/26/2023	ND	6.10	102	6.00	1.39	
Total BTEX	<0.300	0.300	09/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/25/2023	ND	432	108	400	3.64	
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	09/25/2023	ND	190	95.0	200	3.99	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	197	98.3	200	5.58	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	76.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.6	% 49.1-14	8						

Applyzod By: MC

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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 CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

Project Name: APACHE - REDWOOD

Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 36 (1.5') (H235183-36)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2023	ND	2.07	103	2.00	0.334	
Toluene*	<0.050	0.050	09/26/2023	ND	2.18	109	2.00	1.02	
Ethylbenzene*	<0.050	0.050	09/26/2023	ND	2.42	121	2.00	0.843	
Total Xylenes*	<0.150	0.150	09/26/2023	ND	6.10	102	6.00	1.39	
Total BTEX	<0.300	0.300	09/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	09/25/2023	ND	432	108	400	3.64	
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	09/25/2023	ND	205	102	200	4.87	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	203	102	200	6.94	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	98.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

Applyzod By: MC

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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 **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

Project Name: APACHE - REDWOOD

Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes) Sample Received By: Shalyn Rodriguez

Sample ID: CS - 37 (1.5') (H235183-37)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2023	ND	2.07	103	2.00	0.334	
Toluene*	<0.050	0.050	09/26/2023	ND	2.18	109	2.00	1.02	
Ethylbenzene*	<0.050	0.050	09/26/2023	ND	2.42	121	2.00	0.843	
Total Xylenes*	<0.150	0.150	09/26/2023	ND	6.10	102	6.00	1.39	
Total BTEX	<0.300	0.300	09/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/25/2023	ND	432	108	400	3.64	
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	09/25/2023	ND	205	102	200	4.87	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	203	102	200	6.94	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	117 %	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	129 %	6 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate 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 **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported:

09/27/2023 APACHE - REDWOOD

Project Name: Project Number: 2075

Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes) Sample Received By: Shalyn Rodriguez

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sample ID: CS - 38 (1.5') (H235183-38)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2023	ND	2.07	103	2.00	0.334	
Toluene*	<0.050	0.050	09/26/2023	ND	2.18	109	2.00	1.02	
Ethylbenzene*	<0.050	0.050	09/26/2023	ND	2.42	121	2.00	0.843	
Total Xylenes*	<0.150	0.150	09/26/2023	ND	6.10	102	6.00	1.39	
Total BTEX	<0.300	0.300	09/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 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	09/25/2023	ND	432	108	400	3.64	
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	09/25/2023	ND	205	102	200	4.87	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	203	102	200	6.94	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	91.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.7	% 49.1-14	8						

Analyzed By: MS

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate 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 **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

APACHE - REDWOOD

Project Name: Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes) Sample Received By: Shalyn Rodriguez

Sample ID: CS - 39 (1.5') (H235183-39)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2023	ND	2.07	103	2.00	0.334	
Toluene*	<0.050	0.050	09/26/2023	ND	2.18	109	2.00	1.02	
Ethylbenzene*	<0.050	0.050	09/26/2023	ND	2.42	121	2.00	0.843	
Total Xylenes*	<0.150	0.150	09/26/2023	ND	6.10	102	6.00	1.39	
Total BTEX	<0.300	0.300	09/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	09/25/2023	ND	432	108	400	3.64	
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	09/25/2023	ND	205	102	200	4.87	
DRO >C10-C28*	59.3	10.0	09/25/2023	ND	203	102	200	6.94	
EXT DRO >C28-C36	25.3	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	90.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.3	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate 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 CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

Project Name: APACHE - REDWOOD

Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 40 (1.5') (H235183-40)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2023	ND	2.07	103	2.00	0.334	
Toluene*	<0.050	0.050	09/26/2023	ND	2.18	109	2.00	1.02	
Ethylbenzene*	<0.050	0.050	09/26/2023	ND	2.42	121	2.00	0.843	
Total Xylenes*	<0.150	0.150	09/26/2023	ND	6.10	102	6.00	1.39	
Total BTEX	<0.300	0.300	09/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 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	368	16.0	09/25/2023	ND	432	108	400	3.64	
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	09/25/2023	ND	205	102	200	4.87	
DRO >C10-C28*	53.5	10.0	09/25/2023	ND	203	102	200	6.94	
EXT DRO >C28-C36	24.2	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	80.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.8	% 49.1-14	8						

Applyzod By: MC

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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 CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

09/27/2023 APACHE - REDWOOD

Project Name: APAC Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 41 (1.5') (H235183-41)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2023	ND	2.07	103	2.00	0.334	
Toluene*	<0.050	0.050	09/26/2023	ND	2.18	109	2.00	1.02	
Ethylbenzene*	<0.050	0.050	09/26/2023	ND	2.42	121	2.00	0.843	
Total Xylenes*	<0.150	0.150	09/26/2023	ND	6.10	102	6.00	1.39	
Total BTEX	<0.300	0.300	09/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	09/25/2023	ND	432	108	400	3.64	
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	09/25/2023	ND	205	102	200	4.87	
DRO >C10-C28*	75.7	10.0	09/25/2023	ND	203	102	200	6.94	
EXT DRO >C28-C36	37.8	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	84.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.3	% 49.1-14	8						

Applyzod By: MC

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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 **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

APACHE - REDWOOD

Project Name: Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes) Sample Received By: Shalyn Rodriguez

Sample ID: CS - 42 (1.5') (H235183-42)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2023	ND	2.07	103	2.00	0.334	
Toluene*	<0.050	0.050	09/26/2023	ND	2.18	109	2.00	1.02	
Ethylbenzene*	<0.050	0.050	09/26/2023	ND	2.42	121	2.00	0.843	
Total Xylenes*	<0.150	0.150	09/26/2023	ND	6.10	102	6.00	1.39	
Total BTEX	<0.300	0.300	09/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	09/25/2023	ND	432	108	400	3.64	
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	09/25/2023	ND	205	102	200	4.87	
DRO >C10-C28*	71.7	10.0	09/25/2023	ND	203	102	200	6.94	
EXT DRO >C28-C36	36.1	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	81.69	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.8 9	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate 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 **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported:

09/27/2023 APACHE - REDWOOD

Project Name: Project Number: 2075

Project Location:

DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes) Sample Received By: Shalyn Rodriguez

Sample ID: CS - 43 (1.5') (H235183-43)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2023	ND	2.07	103	2.00	0.334	
Toluene*	<0.050	0.050	09/26/2023	ND	2.18	109	2.00	1.02	
Ethylbenzene*	<0.050	0.050	09/26/2023	ND	2.42	121	2.00	0.843	
Total Xylenes*	<0.150	0.150	09/26/2023	ND	6.10	102	6.00	1.39	
Total BTEX	<0.300	0.300	09/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	09/25/2023	ND	432	108	400	3.64	
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	09/25/2023	ND	205	102	200	4.87	
DRO >C10-C28*	50.6	10.0	09/25/2023	ND	203	102	200	6.94	
EXT DRO >C28-C36	26.8	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	81.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.0	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate 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 **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

APACHE - REDWOOD

Project Number: 2075

Project Name:

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes) Sample Received By: Shalyn Rodriguez

Sample ID: CS - 44 (1.5') (H235183-44)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2023	ND	2.07	103	2.00	0.334	
Toluene*	<0.050	0.050	09/26/2023	ND	2.18	109	2.00	1.02	
Ethylbenzene*	<0.050	0.050	09/26/2023	ND	2.42	121	2.00	0.843	
Total Xylenes*	<0.150	0.150	09/26/2023	ND	6.10	102	6.00	1.39	
Total BTEX	<0.300	0.300	09/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	09/25/2023	ND	432	108	400	3.64	
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	09/25/2023	ND	205	102	200	4.87	
DRO >C10-C28*	54.6	10.0	09/25/2023	ND	203	102	200	6.94	
EXT DRO >C28-C36	23.8	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	94.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100 9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate 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 CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

09/27/2023 APACHE - REDWOOD

Project Name: APAC Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 45 (1.5') (H235183-45)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2023	ND	2.07	103	2.00	0.334	
Toluene*	<0.050	0.050	09/26/2023	ND	2.18	109	2.00	1.02	
Ethylbenzene*	<0.050	0.050	09/26/2023	ND	2.42	121	2.00	0.843	
Total Xylenes*	<0.150	0.150	09/26/2023	ND	6.10	102	6.00	1.39	
Total BTEX	<0.300	0.300	09/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 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	64.0	16.0	09/25/2023	ND	432	108	400	3.64	
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	09/25/2023	ND	205	102	200	4.87	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	203	102	200	6.94	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	79.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.4	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related 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 **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported:

09/27/2023 APACHE - REDWOOD

Sampling Type: Soil

Project Name: Project Number: 2075 Sampling Condition:

Sampling Date:

** (See Notes) Sample Received By: Shalyn Rodriguez

09/21/2023

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sample ID: CS - 46 (1.5') (H235183-46)

BTEX 8021B

	9/	9	7111411720	= 7					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2023	ND	2.07	103	2.00	0.334	
Toluene*	<0.050	0.050	09/26/2023	ND	2.18	109	2.00	1.02	
Ethylbenzene*	<0.050	0.050	09/26/2023	ND	2.42	121	2.00	0.843	
Total Xylenes*	<0.150	0.150	09/26/2023	ND	6.10	102	6.00	1.39	
Total BTEX	<0.300	0.300	09/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/25/2023	ND	432	108	400	3.64	
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	09/25/2023	ND	205	102	200	4.87	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	203	102	200	6.94	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	80.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.7	% 49.1-14	8						

Analyzed By: MS

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate 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 CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

09/27/2023 APACHE - REDWOOD

Project Name: APAC Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 47 (1.5') (H235183-47)

BTEX 8021B

	9/	9	71.14.1, = 0	= 7					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2023	ND	2.07	103	2.00	0.334	
Toluene*	<0.050	0.050	09/26/2023	ND	2.18	109	2.00	1.02	
Ethylbenzene*	<0.050	0.050	09/26/2023	ND	2.42	121	2.00	0.843	
Total Xylenes*	<0.150	0.150	09/26/2023	ND	6.10	102	6.00	1.39	
Total BTEX	<0.300	0.300	09/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/25/2023	ND	432	108	400	3.64	
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	09/25/2023	ND	205	102	200	4.87	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	203	102	200	6.94	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	59.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	63.5	% 49.1-14	8						

Analyzed By: MS

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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. Keene



Analytical Results For:

CARMONA RESOURCES **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported:

09/27/2023 APACHE - REDWOOD

Project Name: Project Number: 2075

DURANGO-EDDY COUNTY, NEW MEXICC

Project Location:

Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: Sample Received By: ** (See Notes) Shalyn Rodriguez

Sample ID: CS - 48 (1.5') (H235183-48)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2023	ND	2.07	103	2.00	0.334	
Toluene*	<0.050	0.050	09/26/2023	ND	2.18	109	2.00	1.02	
Ethylbenzene*	<0.050	0.050	09/26/2023	ND	2.42	121	2.00	0.843	
Total Xylenes*	<0.150	0.150	09/26/2023	ND	6.10	102	6.00	1.39	
Total BTEX	<0.300	0.300	09/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 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	09/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/25/2023	ND	205	102	200	4.87	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	203	102	200	6.94	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	62.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	67.7	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate 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 **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

Project Name: APACHE - REDWOOD

Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes) Sample Received By: Shalyn Rodriguez

Sample ID: CS - 49 (3.5') (H235183-49)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2023	ND	2.07	103	2.00	0.334	
Toluene*	<0.050	0.050	09/26/2023	ND	2.18	109	2.00	1.02	
Ethylbenzene*	<0.050	0.050	09/26/2023	ND	2.42	121	2.00	0.843	
Total Xylenes*	<0.150	0.150	09/26/2023	ND	6.10	102	6.00	1.39	
Total BTEX	<0.300	0.300	09/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/25/2023	ND	205	102	200	4.87	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	203	102	200	6.94	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	89.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.3	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



09/21/2023

** (See Notes)

Shalyn Rodriguez

Soil

Analytical Results For:

CARMONA RESOURCES **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported:

Sampling Date: 09/27/2023 Sampling Type: APACHE - REDWOOD Sampling Condition:

Applyzod By: MC

Sample Received By:

Project Name: Project Number: 2075

Project Location:

DURANGO-EDDY COUNTY, NEW MEXICC

Sample ID: CS - 50 (3.5') (H235183-50)

RTFY 8021R

B1EX 8021B	mg/	кg	Апануге	а ву: мѕ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2023	ND	2.07	103	2.00	0.334	
Toluene*	<0.050	0.050	09/26/2023	ND	2.18	109	2.00	1.02	
Ethylbenzene*	<0.050	0.050	09/26/2023	ND	2.42	121	2.00	0.843	
Total Xylenes*	<0.150	0.150	09/26/2023	ND	6.10	102	6.00	1.39	
Total BTEX	<0.300	0.300	09/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 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	09/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/25/2023	ND	205	102	200	4.87	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	203	102	200	6.94	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	89.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.4	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate 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 CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

Project Name: APACHE - REDWOOD

Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 51 (3.5') (H235183-51)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2023	ND	2.07	103	2.00	0.334	
Toluene*	<0.050	0.050	09/26/2023	ND	2.18	109	2.00	1.02	
Ethylbenzene*	<0.050	0.050	09/26/2023	ND	2.42	121	2.00	0.843	
Total Xylenes*	<0.150	0.150	09/26/2023	ND	6.10	102	6.00	1.39	
Total BTEX	<0.300	0.300	09/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/25/2023	ND	205	102	200	4.87	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	203	102	200	6.94	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	89.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.0	% 49.1-14	8						

Applyzod By: MC

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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



09/21/2023

** (See Notes)

Shalyn Rodriguez

Soil

Analytical Results For:

CARMONA RESOURCES **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported:

Sampling Date: 09/27/2023 Sampling Type:

Analyzed By: MS

Sampling Condition:

Sample Received By:

Project Name: APACHE - REDWOOD Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sample ID: CS - 52 (3.5') (H235183-52)

BTEX 8021B

	9/	9	7	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2023	ND	2.07	103	2.00	0.334	
Toluene*	<0.050	0.050	09/26/2023	ND	2.18	109	2.00	1.02	
Ethylbenzene*	<0.050	0.050	09/26/2023	ND	2.42	121	2.00	0.843	
Total Xylenes*	<0.150	0.150	09/26/2023	ND	6.10	102	6.00	1.39	
Total BTEX	<0.300	0.300	09/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 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	48.0	16.0	09/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/25/2023	ND	205	102	200	4.87	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	203	102	200	6.94	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	90.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.7	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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

Celecy D. Keene



Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

Project Name: APACHE - REDWOOD

Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 53 (3.5') (H235183-53)

RTFY 8021R

B1EX 8021B	mg/	кg	Апануге	а ву: мѕ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2023	ND	2.07	103	2.00	0.334	
Toluene*	<0.050	0.050	09/26/2023	ND	2.18	109	2.00	1.02	
Ethylbenzene*	<0.050	0.050	09/26/2023	ND	2.42	121	2.00	0.843	
Total Xylenes*	<0.150	0.150	09/26/2023	ND	6.10	102	6.00	1.39	
Total BTEX	<0.300	0.300	09/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/25/2023	ND	205	102	200	4.87	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	203	102	200	6.94	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	69.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.2	% 49.1-14	8						

Applyzod By: MC

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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 **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported:

09/27/2023

Sampling Date: Sampling Type: 09/21/2023 Soil

Project Name:

Project Location:

APACHE - REDWOOD

Sampling Condition:

Sample Received By:

** (See Notes) Shalyn Rodriguez

Project Number: 2075

DURANGO-EDDY COUNTY, NEW MEXICC

Sample ID: CS - 54 (3.5') (H235183-54)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2023	ND	2.07	103	2.00	0.334	
Toluene*	<0.050	0.050	09/26/2023	ND	2.18	109	2.00	1.02	
Ethylbenzene*	<0.050	0.050	09/26/2023	ND	2.42	121	2.00	0.843	
Total Xylenes*	<0.150	0.150	09/26/2023	ND	6.10	102	6.00	1.39	
Total BTEX	<0.300	0.300	09/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/25/2023	ND	205	102	200	4.87	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	203	102	200	6.94	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	66.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	71.8	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate 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 CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

APACHE - REDWOOD

Project Name: APAC Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 55 (3.5') (H235183-55)

BTEX 8021B

DILX GOZID	ıııg,	K9	Andryzo	.u Dy. 3117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2023	ND	1.82	91.0	2.00	1.37	
Toluene*	<0.050	0.050	09/26/2023	ND	1.87	93.3	2.00	0.480	
Ethylbenzene*	<0.050	0.050	09/26/2023	ND	1.99	99.5	2.00	1.25	
Total Xylenes*	<0.150	0.150	09/26/2023	ND	5.92	98.7	6.00	2.01	
Total BTEX	<0.300	0.300	09/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/25/2023	ND	205	102	200	4.87	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	203	102	200	6.94	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	73.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.5	% 49.1-14	8						

Analyzed By: JH/

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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



Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

APACHE - REDWOOD

Project Number: 2075

Project Name:

BTEX 8021B

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: CS - 56 (1.5') (H235183-56)

	<u> </u>			. , . ,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2023	ND	1.82	91.0	2.00	1.37	
Toluene*	<0.050	0.050	09/26/2023	ND	1.87	93.3	2.00	0.480	
Ethylbenzene*	<0.050	0.050	09/26/2023	ND	1.99	99.5	2.00	1.25	
Total Xylenes*	<0.150	0.150	09/26/2023	ND	5.92	98.7	6.00	2.01	
Total BTEX	<0.300	0.300	09/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/25/2023	ND	198	98.8	200	1.32	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	210	105	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	74.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.5	% 49.1-14	8						

Analyzed By: JH/

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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. Keene



Analytical Results For:

CARMONA RESOURCES **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported:

Sampling Date: 09/21/2023 09/27/2023 Sampling Type: Soil

Project Name:

APACHE - REDWOOD Sampling Condition: ** (See Notes) Sample Received By: Project Number: 2075 Shalyn Rodriguez

Analyzed By: JH/

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sample ID: SW - 1 (2.5') (H235183-57)

BTEX 8021B

	9/	9	7111411720	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2023	ND	1.82	91.0	2.00	1.37	
Toluene*	<0.050	0.050	09/26/2023	ND	1.87	93.3	2.00	0.480	
Ethylbenzene*	<0.050	0.050	09/26/2023	ND	1.99	99.5	2.00	1.25	
Total Xylenes*	<0.150	0.150	09/26/2023	ND	5.92	98.7	6.00	2.01	
Total BTEX	<0.300	0.300	09/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/25/2023	ND	198	98.8	200	1.32	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	210	105	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	70.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.1	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate 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 **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported:

09/27/2023 APACHE - REDWOOD

Project Name: Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes) Sample Received By: Shalyn Rodriguez

Sample ID: SW - 2 (2.5') (H235183-58)

BTEX 8021B	mg/	kg	Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2023	ND	1.82	91.0	2.00	1.37	
Toluene*	<0.050	0.050	09/26/2023	ND	1.87	93.3	2.00	0.480	
Ethylbenzene*	<0.050	0.050	09/26/2023	ND	1.99	99.5	2.00	1.25	
Total Xylenes*	<0.150	0.150	09/26/2023	ND	5.92	98.7	6.00	2.01	
Total BTEX	<0.300	0.300	09/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/25/2023	ND	198	98.8	200	1.32	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	210	105	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	63.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	67.3	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate 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 CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

APACHE - REDWOOD

Project Name: APAC Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 3 (2.5') (H235183-59)

RTFY 8021R

B1EX 8021B	mg/	кg	Апануге	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2023	ND	1.82	91.0	2.00	1.37	
Toluene*	<0.050	0.050	09/26/2023	ND	1.87	93.3	2.00	0.480	
Ethylbenzene*	<0.050	0.050	09/26/2023	ND	1.99	99.5	2.00	1.25	
Total Xylenes*	<0.150	0.150	09/26/2023	ND	5.92	98.7	6.00	2.01	
Total BTEX	<0.300	0.300	09/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/25/2023	ND	198	98.8	200	1.32	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	210	105	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	77.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.0	% 49.1-14	8						

Applyzod By: 1H /

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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. Keine



Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

09/27/2023

Project Name: APACHE - REDWOOD

Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 4 (2.5') (H235183-60)

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	09/26/2023	ND	1.82	91.0	2.00	1.37	
Toluene*	<0.050	0.050	09/26/2023	ND	1.87	93.3	2.00	0.480	
Ethylbenzene*	<0.050	0.050	09/26/2023	ND	1.99	99.5	2.00	1.25	
Total Xylenes*	<0.150	0.150	09/26/2023	ND	5.92	98.7	6.00	2.01	
Total BTEX	<0.300	0.300	09/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	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	09/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/25/2023	ND	198	98.8	200	1.32	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	210	105	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	75.6	26 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.2	% 49.1-14	8						

Applyzod By: 1H /

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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.

Celeg & Frence



Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

APACHE - REDWOOD

Project Number: 2075

Project Name:

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 5 (2.5') (H235183-61)

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	09/26/2023	ND	1.82	91.0	2.00	1.37	
Toluene*	<0.050	0.050	09/26/2023	ND	1.87	93.3	2.00	0.480	
Ethylbenzene*	<0.050	0.050	09/26/2023	ND	1.99	99.5	2.00	1.25	
Total Xylenes*	<0.150	0.150	09/26/2023	ND	5.92	98.7	6.00	2.01	
Total BTEX	<0.300	0.300	09/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 %	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
Chlorido	06.0	16.0	00/25/2022	ND	422	100	400	0.00	

Chloride, Shi4300ch B	ıng,	, kg	Andryze	u by. Ac					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/25/2023	ND	198	98.8	200	1.32	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	210	105	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					

Surrogate: 1-Chlorooctane 94.1 % 48.2-134
Surrogate: 1-Chlorooctadecane 102 % 49.1-148

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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. Kreine



Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

09/27/2023

Project Name: APACHE - REDWOOD

Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 6 (1.5') (H235183-62)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2023	ND	1.82	91.0	2.00	1.37	
Toluene*	<0.050	0.050	09/26/2023	ND	1.87	93.3	2.00	0.480	
Ethylbenzene*	<0.050	0.050	09/26/2023	ND	1.99	99.5	2.00	1.25	
Total Xylenes*	<0.150	0.150	09/26/2023	ND	5.92	98.7	6.00	2.01	
Total BTEX	<0.300	0.300	09/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 %	% 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	09/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/25/2023	ND	198	98.8	200	1.32	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	210	105	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					

Analyzed By: JH/

Surrogate: 1-Chlorooctane 81.2 % 48.2-134
Surrogate: 1-Chlorooctadecane 87.6 % 49.1-148

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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. Keine



Analytical Results For:

CARMONA RESOURCES **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported:

09/27/2023

APACHE - REDWOOD

Project Number: 2075

Project Name:

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes) Sample Received By: Shalyn Rodriguez

Sample ID: SW - 7 (1.5') (H235183-63)

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	09/26/2023	ND	1.82	91.0	2.00	1.37	
Toluene*	< 0.050	0.050	09/26/2023	ND	1.87	93.3	2.00	0.480	
Ethylbenzene*	<0.050	0.050	09/26/2023	ND	1.99	99.5	2.00	1.25	
Total Xylenes*	<0.150	0.150	09/26/2023	ND	5.92	98.7	6.00	2.01	
Total BTEX	<0.300	0.300	09/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 %	6 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	09/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/25/2023	ND	198	98.8	200	1.32	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	210	105	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	86.8 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.4	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate 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 **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported:

09/27/2023 APACHE - REDWOOD

92.3 %

49.1-148

Project Name: Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes) Sample Received By: Shalyn Rodriguez

Sample ID: SW - 8 (1.5') (H235183-64)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2023	ND	1.82	91.0	2.00	1.37	
Toluene*	<0.050	0.050	09/26/2023	ND	1.87	93.3	2.00	0.480	
Ethylbenzene*	<0.050	0.050	09/26/2023	ND	1.99	99.5	2.00	1.25	
Total Xylenes*	<0.150	0.150	09/26/2023	ND	5.92	98.7	6.00	2.01	
Total BTEX	<0.300	0.300	09/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 %	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/25/2023	ND	198	98.8	200	1.32	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	210	105	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	86.2	% 48.2-13	4						

Analyzed By: JH/

Cardinal Laboratories *=Accredited Analyte

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

Celeg D. Keine

Surrogate: 1-Chlorooctadecane



Analytical Results For:

CARMONA RESOURCES **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported:

Sampling Date: 09/21/2023 09/27/2023 Sampling Type: Soil

Project Name: APACHE - REDWOOD Project Number:

Sampling Condition: ** (See Notes) Sample Received By: 2075 Shalyn Rodriguez

Applyzod By: 1H /

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sample ID: SW - 9 (1.5') (H235183-65)

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	09/26/2023	ND	1.82	91.0	2.00	1.37	
Toluene*	<0.050	0.050	09/26/2023	ND	1.87	93.3	2.00	0.480	
Ethylbenzene*	<0.050	0.050	09/26/2023	ND	1.99	99.5	2.00	1.25	
Total Xylenes*	<0.150	0.150	09/26/2023	ND	5.92	98.7	6.00	2.01	
Total BTEX	<0.300	0.300	09/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/25/2023	ND	198	98.8	200	1.32	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	210	105	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	75.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.5	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keine



Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023 Sampling Date: 09/21/2023

Project Name:

BTEX 8021B

09/27/2023 APACHE - REDWOOD Sampling Type: Soil
Sampling Condition: ** (See Notes)

Project Number:

Sample Received By:

Shalyn Rodriguez

Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sample ID: SW - 10 (1.5') (H235183-66)

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2023	ND	1.82	91.0	2.00	1.37	
Toluene*	<0.050	0.050	09/26/2023	ND	1.87	93.3	2.00	0.480	
Ethylbenzene*	<0.050	0.050	09/26/2023	ND	1.99	99.5	2.00	1.25	
Total Xylenes*	<0.150	0.150	09/26/2023	ND	5.92	98.7	6.00	2.01	
Total BTEX	<0.300	0.300	09/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-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	09/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/25/2023	ND	198	98.8	200	1.32	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	210	105	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	94.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

Analyzed By: JH/

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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; is subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

09/27/2023 APACHE - REDWOOD

Project Name: APAC Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 11 (1.5') (H235183-67)

BTEX 8021B

DILX OUZID	11197	ng .	Allulyzo	a by. 5117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2023	ND	1.82	91.0	2.00	1.37	
Toluene*	< 0.050	0.050	09/26/2023	ND	1.87	93.3	2.00	0.480	
Ethylbenzene*	< 0.050	0.050	09/26/2023	ND	1.99	99.5	2.00	1.25	
Total Xylenes*	<0.150	0.150	09/26/2023	ND	5.92	98.7	6.00	2.01	
Total BTEX	<0.300	0.300	09/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/25/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/25/2023	ND	198	98.8	200	1.32	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	210	105	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	80.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.2	% 49.1-14	8						

Analyzed By: JH/

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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.

Celeg D. Freene



Sample Received By:

09/21/2023

Shalyn Rodriguez

Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Sampling Date: Reported: 09/27/2023 Sampling Type:

Reported: 09/27/2023 Sampling Type: Soil
Project Name: APACHE - REDWOOD Sampling Condition: ** (See Notes)

Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sample ID: SW - 12 (1.0') (H235183-68)

RTFY 8021R

Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	09/26/2023	ND	1.82	91.0	2.00	1.37	
<0.050	0.050	09/26/2023	ND	1.87	93.3	2.00	0.480	
<0.050	0.050	09/26/2023	ND	1.99	99.5	2.00	1.25	
<0.150	0.150	09/26/2023	ND	5.92	98.7	6.00	2.01	
<0.300	0.300	09/26/2023	ND					
113 9	% 71.5-13	4						
mg/	'kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
96.0	16.0	09/25/2023	ND	416	104	400	0.00	
mg/	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	09/25/2023	ND	198	98.8	200	1.32	
<10.0	10.0	09/25/2023	ND	210	105	200	1.79	
<10.0	10.0	09/25/2023	ND					
83.2	% 48.2-13	4						
89.4	% 49.1-14	8						
	<0.050 <0.050 <0.050 <0.150 <0.300 113 9 mg/ Result 96.0 mg/ Result <10.0 <10.0 <83.2	<0.050 <0.050 <0.050 <0.050 <0.050 <0.150 <0.300 0.300 113 % 71.5-13 mg/kg Result Reporting Limit 96.0 16.0 mg/kg Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

Applyzod By: 1H /

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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.

Celeg & Freene



Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

 09/22/2023
 Sampling Date:
 09/21/2023

 09/27/2023
 Sampling Type:
 Soil

Analyzed By: JH/

Project Name: APACH Project Number: 2075

APACHE - REDWOOD Sampling Condition: ** (See Notes)
2075 Sample Received By: Shalyn Rodriguez

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sample ID: SW - 13 (2.0') (H235183-69)

BTEX 8021B

DILX OUZID	ıııg,	Ng .	Allulyzo	a by. 5117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2023	ND	1.82	91.0	2.00	1.37	
Toluene*	<0.050	0.050	09/26/2023	ND	1.87	93.3	2.00	0.480	
Ethylbenzene*	<0.050	0.050	09/26/2023	ND	1.99	99.5	2.00	1.25	
Total Xylenes*	<0.150	0.150	09/26/2023	ND	5.92	98.7	6.00	2.01	
Total BTEX	<0.300	0.300	09/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/25/2023	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	09/25/2023	ND	198	98.8	200	1.32	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	210	105	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	85.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.8	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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

Celeg D. Freene



Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

Project Name: APACHE - REDWOOD

Project Number: 2075

BTEX 8021B

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 14 (2.0') (H235183-70)

	9/	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2023	ND	1.82	91.0	2.00	1.37	
Toluene*	<0.050	0.050	09/26/2023	ND	1.87	93.3	2.00	0.480	
Ethylbenzene*	<0.050	0.050	09/26/2023	ND	1.99	99.5	2.00	1.25	
Total Xylenes*	<0.150	0.150	09/26/2023	ND	5.92	98.7	6.00	2.01	
Total BTEX	<0.300	0.300	09/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/25/2023	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	09/25/2023	ND	198	98.8	200	1.32	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	210	105	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	80.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.3	% 49.1-14	8						

Analyzed By: JH/

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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 CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

Project Name: APACHE - REDWOOD

Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 15 (2.0') (H235183-71)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2023	ND	1.82	91.0	2.00	1.37	
Toluene*	<0.050	0.050	09/26/2023	ND	1.87	93.3	2.00	0.480	
Ethylbenzene*	<0.050	0.050	09/26/2023	ND	1.99	99.5	2.00	1.25	
Total Xylenes*	<0.150	0.150	09/26/2023	ND	5.92	98.7	6.00	2.01	
Total BTEX	<0.300	0.300	09/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/25/2023	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	09/25/2023	ND	198	98.8	200	1.32	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	210	105	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	85.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.8	% 49.1-14	8						

Analyzed By: JH/

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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 CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

09/27/2023 APACHE - REDWOOD

Project Name: APACHI
Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 16 (2.0') (H235183-72)

BTEX 8021B

	91	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2023	ND	1.82	91.0	2.00	1.37	
Toluene*	<0.050	0.050	09/26/2023	ND	1.87	93.3	2.00	0.480	
Ethylbenzene*	<0.050	0.050	09/26/2023	ND	1.99	99.5	2.00	1.25	
Total Xylenes*	<0.150	0.150	09/26/2023	ND	5.92	98.7	6.00	2.01	
Total BTEX	<0.300	0.300	09/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	14						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/25/2023	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	09/25/2023	ND	198	98.8	200	1.32	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	210	105	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	80.8	% 48.2-13	34						
Surrogate: 1-Chlorooctadecane	85.6	% 49.1-14	18						

Analyzed By: JH/

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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 **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Sampling Date: 09/21/2023 Reported: 09/27/2023 Sampling Type: Soil

Project Name: APACHE - REDWOOD Sampling Condition: ** (See Notes) Sample Received By: Project Number: 2075 Shalyn Rodriguez

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sample ID: SW - 17 (2.0') (H235183-73)

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	09/26/2023	ND	1.82	91.0	2.00	1.37	
Toluene*	<0.050	0.050	09/26/2023	ND	1.87	93.3	2.00	0.480	
Ethylbenzene*	<0.050	0.050	09/26/2023	ND	1.99	99.5	2.00	1.25	
Total Xylenes*	<0.150	0.150	09/26/2023	ND	5.92	98.7	6.00	2.01	
Total BTEX	<0.300	0.300	09/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 %	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/25/2023	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	09/25/2023	ND	198	98.8	200	1.32	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	210	105	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	95.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



09/21/2023

Soil

Analytical Results For:

CARMONA RESOURCES **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Sampling Date: Reported: 09/27/2023 Sampling Type:

Project Name: APACHE - REDWOOD Sampling Condition: ** (See Notes) Sample Received By: Project Number: 2075 Shalyn Rodriguez

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sample ID: SW - 18 (2.0') (H235183-74)

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	09/26/2023	ND	1.82	91.0	2.00	1.37	
Toluene*	<0.050	0.050	09/26/2023	ND	1.87	93.3	2.00	0.480	
Ethylbenzene*	<0.050	0.050	09/26/2023	ND	1.99	99.5	2.00	1.25	
Total Xylenes*	<0.150	0.150	09/26/2023	ND	5.92	98.7	6.00	2.01	
Total BTEX	<0.300	0.300	09/26/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/25/2023	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	09/25/2023	ND	198	98.8	200	1.32	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	210	105	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	77.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.7	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate 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 CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Sampling Date: 09/21/2023 Reported: 09/27/2023 Sampling Type: Soil

Project Name: APACHE - REDWOOD Sampling Condition: ** (See Notes)
Project Number: 2075 Sample Received By: Shalyn Rodriguez

Applyzod By: MC

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sample ID: SW - 19 (2.0') (H235183-75)

RTFY 8021R

B1EX 8021B	mg/	кg	Anaiyze	а ву: мѕ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/25/2023	ND	1.86	92.8	2.00	0.510	
Toluene*	<0.050	0.050	09/25/2023	ND	1.93	96.6	2.00	1.93	
Ethylbenzene*	<0.050	0.050	09/25/2023	ND	1.94	97.1	2.00	0.649	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	5.85	97.5	6.00	1.21	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/25/2023	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	09/26/2023	ND	198	98.8	200	1.32	
DRO >C10-C28*	<10.0	10.0	09/26/2023	ND	210	105	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	09/26/2023	ND					
Surrogate: 1-Chlorooctane	82.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.6	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



Analytical Results For:

CARMONA RESOURCES **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Reported: 09/27/2023

Project Name: APACHE - REDWOOD

Project Number: 2075

Received:

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

09/22/2023

Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes) Sample Received By: Shalyn Rodriguez

Sample ID: SW - 20 (1.5') (H235183-76)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/25/2023	ND	1.86	92.8	2.00	0.510	
Toluene*	<0.050	0.050	09/25/2023	ND	1.93	96.6	2.00	1.93	
Ethylbenzene*	<0.050	0.050	09/25/2023	ND	1.94	97.1	2.00	0.649	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	5.85	97.5	6.00	1.21	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 %	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/25/2023	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	09/25/2023	ND	206	103	200	1.43	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	214	107	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	93.9 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.4 9	49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate 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 **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported:

09/27/2023 Sampling Type: Sampling Condition:

Project Name: APACHE - REDWOOD Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC Sampling Date: 09/21/2023

Sample Received By:

Soil ** (See Notes)

Shalyn Rodriguez

Sample ID: SW - 21 (1.5') (H235183-77)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/25/2023	ND	1.86	92.8	2.00	0.510	
Toluene*	<0.050	0.050	09/25/2023	ND	1.93	96.6	2.00	1.93	
Ethylbenzene*	< 0.050	0.050	09/25/2023	ND	1.94	97.1	2.00	0.649	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	5.85	97.5	6.00	1.21	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/25/2023	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	09/25/2023	ND	206	103	200	1.43	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	214	107	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	91.3 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94 2 9	% 49 1-14	8						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keine



Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Sampling Date: 09/21/2023 Reported: 09/27/2023 Sampling Type: Soil

Project Name: APACHE - REDWOOD Sampling Condition: ** (See Notes)
Project Number: 2075 Sample Received By: Shalyn Rodriguez

Analyzed By: MS

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sample ID: SW - 22 (1.5') (H235183-78)

BTEX 8021B

	<u> </u>			• •					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/25/2023	ND	1.86	92.8	2.00	0.510	
Toluene*	<0.050	0.050	09/25/2023	ND	1.93	96.6	2.00	1.93	
Ethylbenzene*	<0.050	0.050	09/25/2023	ND	1.94	97.1	2.00	0.649	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	5.85	97.5	6.00	1.21	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/25/2023	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	09/25/2023	ND	206	103	200	1.43	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	214	107	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	88.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.0	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results 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



Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

Project Name: APACHE - REDWOOD

Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 23 (1.5') (H235183-79)

BTEX 8021B

	<u> </u>			• •					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/25/2023	ND	1.86	92.8	2.00	0.510	
Toluene*	<0.050	0.050	09/25/2023	ND	1.93	96.6	2.00	1.93	
Ethylbenzene*	<0.050	0.050	09/25/2023	ND	1.94	97.1	2.00	0.649	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	5.85	97.5	6.00	1.21	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 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	64.0	16.0	09/25/2023	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	09/25/2023	ND	206	103	200	1.43	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	214	107	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	80.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.0	% 49.1-14	8						

Analyzed By: MS

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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



Shalyn Rodriguez

Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

 09/22/2023
 Sampling Date:
 09/21/2023

 09/27/2023
 Sampling Type:
 Soil

 APACHE - REDWOOD
 Sampling Condition:
 ** (See Notes)

Project Name: APACHE - REDWOOD

Project Number: 2075 Sample Received By:

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sample ID: SW - 24 (1.5') (H235183-80)

BTEX 8021B

	9/	9	7111411720	= 7					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/25/2023	ND	1.86	92.8	2.00	0.510	
Toluene*	<0.050	0.050	09/25/2023	ND	1.93	96.6	2.00	1.93	
Ethylbenzene*	<0.050	0.050	09/25/2023	ND	1.94	97.1	2.00	0.649	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	5.85	97.5	6.00	1.21	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/25/2023	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	09/25/2023	ND	206	103	200	1.43	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	214	107	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	88.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.4	% 49.1-14	8						

Analyzed By: MS

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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

Cardinal Laboratories



Analytical Results For:

CARMONA RESOURCES **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported:

09/27/2023 APACHE - REDWOOD

Project Name: Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes) Sample Received By: Shalyn Rodriguez

Sample ID: SW - 25 (1.5') (H235183-81)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/25/2023	ND	1.86	92.8	2.00	0.510	
Toluene*	<0.050	0.050	09/25/2023	ND	1.93	96.6	2.00	1.93	
Ethylbenzene*	<0.050	0.050	09/25/2023	ND	1.94	97.1	2.00	0.649	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	5.85	97.5	6.00	1.21	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 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	64.0	16.0	09/25/2023	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	09/25/2023	ND	206	103	200	1.43	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	214	107	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	94.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.2	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate 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 CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

Project Name: APACHE - REDWOOD

Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 26 (1.5') (H235183-82)

BTEX 8021B

	<u> </u>			• •					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/25/2023	ND	1.86	92.8	2.00	0.510	
Toluene*	<0.050	0.050	09/25/2023	ND	1.93	96.6	2.00	1.93	
Ethylbenzene*	<0.050	0.050	09/25/2023	ND	1.94	97.1	2.00	0.649	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	5.85	97.5	6.00	1.21	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 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	09/25/2023	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	09/25/2023	ND	206	103	200	1.43	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	214	107	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	91.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.8	% 49.1-14	8						

Analyzed By: MS

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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



Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

Project Name: APACHE - REDWOOD

Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: SW - 27 (1.5') (H235183-83)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/25/2023	ND	1.86	92.8	2.00	0.510	
Toluene*	<0.050	0.050	09/25/2023	ND	1.93	96.6	2.00	1.93	
Ethylbenzene*	<0.050	0.050	09/25/2023	ND	1.94	97.1	2.00	0.649	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	5.85	97.5	6.00	1.21	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/25/2023	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	09/25/2023	ND	206	103	200	1.43	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	214	107	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	89.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.2	% 49.1-14	8						

Analyzed By: MS

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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 **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Sampling Date: 09/21/2023 Reported: 09/27/2023 Sampling Type: Soil

Project Name: APACHE - REDWOOD Sampling Condition: ** (See Notes) Project Number: Sample Received By: 2075 Shalyn Rodriguez

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sample ID: SW - 28 (1.5') (H235183-84)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/25/2023	ND	1.86	92.8	2.00	0.510	
Toluene*	<0.050	0.050	09/25/2023	ND	1.93	96.6	2.00	1.93	
Ethylbenzene*	<0.050	0.050	09/25/2023	ND	1.94	97.1	2.00	0.649	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	5.85	97.5	6.00	1.21	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/25/2023	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	09/25/2023	ND	206	103	200	1.43	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	214	107	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	85.5 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.2 9	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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

Celecy D. Keene



Analytical Results For:

CARMONA RESOURCES **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

Project Name: APACHE - REDWOOD

Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes) Sample Received By: Shalyn Rodriguez

Sample ID: SW - 29 (1.5') (H235183-85)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/25/2023	ND	1.86	92.8	2.00	0.510	
Toluene*	< 0.050	0.050	09/25/2023	ND	1.93	96.6	2.00	1.93	
Ethylbenzene*	<0.050	0.050	09/25/2023	ND	1.94	97.1	2.00	0.649	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	5.85	97.5	6.00	1.21	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/25/2023	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	09/25/2023	ND	206	103	200	1.43	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	214	107	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	88.8 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.5	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate 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 **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

Project Name: APACHE - REDWOOD

Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes) Sample Received By: Shalyn Rodriguez

Sample ID: SW - 30 (3.5') (H235183-86)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/25/2023	ND	1.86	92.8	2.00	0.510	
Toluene*	<0.050	0.050	09/25/2023	ND	1.93	96.6	2.00	1.93	
Ethylbenzene*	<0.050	0.050	09/25/2023	ND	1.94	97.1	2.00	0.649	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	5.85	97.5	6.00	1.21	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/25/2023	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	09/25/2023	ND	206	103	200	1.43	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	214	107	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	95.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.4	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



09/21/2023

Shalyn Rodriguez

Sampling Date:

Sample Received By:

Analytical Results For:

CARMONA RESOURCES **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

Sampling Type: Soil Project Name: APACHE - REDWOOD Sampling Condition: ** (See Notes)

Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sample ID: SW - 31 (3.5') (H235183-87)

BTEX 8021B	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/25/2023	ND	1.86	92.8	2.00	0.510	
Toluene*	<0.050	0.050	09/25/2023	ND	1.93	96.6	2.00	1.93	
Ethylbenzene*	<0.050	0.050	09/25/2023	ND	1.94	97.1	2.00	0.649	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	5.85	97.5	6.00	1.21	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 %	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/25/2023	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	09/25/2023	ND	206	103	200	1.43	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	214	107	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	89.1 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.3 9	% 49.1-14	8						

*=Accredited Analyte

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

Celey D. Keene

Cardinal Laboratories



Analytical Results For:

CARMONA RESOURCES **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported: 09/27/2023

Project Name: APACHE - REDWOOD

Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC Sampling Date: 09/21/2023

Sampling Type: Soil

Sampling Condition: ** (See Notes) Sample Received By:

Shalyn Rodriguez

Sample ID: SW - 32 (3.5') (H235183-88)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/25/2023	ND	1.86	92.8	2.00	0.510	
Toluene*	<0.050	0.050	09/25/2023	ND	1.93	96.6	2.00	1.93	
Ethylbenzene*	<0.050	0.050	09/25/2023	ND	1.94	97.1	2.00	0.649	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	5.85	97.5	6.00	1.21	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 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	09/25/2023	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	09/25/2023	ND	206	103	200	1.43	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	214	107	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	84.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.0	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate 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 **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Reported:

09/27/2023 Sampling Type:

Project Name: APACHE - REDWOOD Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC Sampling Date: 09/21/2023

Soil ** (See Notes)

Sampling Condition: Sample Received By: Shalyn Rodriguez

Sample ID: SW - 33 (3.5') (H235183-89)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/25/2023	ND	1.86	92.8	2.00	0.510	
Toluene*	<0.050	0.050	09/25/2023	ND	1.93	96.6	2.00	1.93	
Ethylbenzene*	<0.050	0.050	09/25/2023	ND	1.94	97.1	2.00	0.649	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	5.85	97.5	6.00	1.21	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 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	64.0	16.0	09/25/2023	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	09/25/2023	ND	206	103	200	1.43	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	214	107	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	87.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.4	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate 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 **CLINT MERRITT** 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Sampling Date: 09/21/2023 Reported: 09/27/2023 Sampling Type: Soil

Project Name: APACHE - REDWOOD Sampling Condition: ** (See Notes) Sample Received By: Project Number: 2075 Shalyn Rodriguez

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sample ID: SW - 34 (3.5') (H235183-90)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/25/2023	ND	1.86	92.8	2.00	0.510	
Toluene*	<0.050	0.050	09/25/2023	ND	1.93	96.6	2.00	1.93	
Ethylbenzene*	<0.050	0.050	09/25/2023	ND	1.94	97.1	2.00	0.649	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	5.85	97.5	6.00	1.21	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 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	09/25/2023	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	09/25/2023	ND	206	103	200	1.43	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	214	107	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	73.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.9	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



09/21/2023

Soil

Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Sampling Date:

Reported: 09/27/2023 Sampling Type:

Project Name: APACHE - REDWOOD Sampling Condition: ** (See Notes)
Project Number: 2075 Sample Received By: Shalyn Rodriguez

Analyzed By: MS

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sample ID: SW - 35 (3.5') (H235183-91)

BTEX 8021B

	9/	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/25/2023	ND	1.86	92.8	2.00	0.510	
Toluene*	<0.050	0.050	09/25/2023	ND	1.93	96.6	2.00	1.93	
Ethylbenzene*	<0.050	0.050	09/25/2023	ND	1.94	97.1	2.00	0.649	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	5.85	97.5	6.00	1.21	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 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	09/25/2023	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	09/25/2023	ND	206	103	200	1.43	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	214	107	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	91.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.9	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



09/21/2023

Soil

Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/22/2023 Sampling Date:
Reported: 09/27/2023 Sampling Type:

Project Name: APACHE - REDWOOD Sampling Condition: ** (See Notes)
Project Number: 2075 Sample Received By: Shalyn Rodriguez

Analyzed By: MS

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sample ID: SW - 36 (3.5') (H235183-92)

BTEX 8021B

	9/	9	7						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/25/2023	ND	1.86	92.8	2.00	0.510	
Toluene*	<0.050	0.050	09/25/2023	ND	1.93	96.6	2.00	1.93	
Ethylbenzene*	<0.050	0.050	09/25/2023	ND	1.94	97.1	2.00	0.649	
Total Xylenes*	<0.150	0.150	09/25/2023	ND	5.85	97.5	6.00	1.21	
Total BTEX	<0.300	0.300	09/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 % 71.5-13		4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/25/2023	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	09/25/2023	ND	206	103	200	1.43	
DRO >C10-C28*	<10.0	10.0	09/25/2023	ND	214	107	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	09/25/2023	ND					
Surrogate: 1-Chlorooctane	85.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.3	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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

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.

Celeg D. Freene

Relinquished by: (Signature)

9-22-23 1615

Date/Time

Received by: (Signature)

Date/Time

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

× × × × ×

0 0 0 0 C C

> × × × × × × ×

> > ×

× ×

× × × × × ×

Sample Custody Seals	Cooler Custody Seals	Received Intact:		SAMPLE RECEIPT	PO#:	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone:	City, State ZIP:	Address:	Company Name:	Project Manager:										
Is: Yes No N/A Temperature Reading:	s: Yes No N/A Correction Factor:	(Yes N	i dilip o	Temp Blank:		FV	Eddy County, New Mexico	2075	Apache-Redwood	432-813-6823	Midland, TX 79701	310 W Wall St Ste 500	Carmona Resources	Clinton Merritt										
ading:	or:	041	vvetice: Yes No				Due Date: Standard TAT	Routine	urn Aro	Email: gcarrasco@durangomidstream.com	City, State ZIP:	Address:	Company Name:	Bill to: (if different)								0		
5M	Pa TEX (GR	0 +	1B DF	20 -		RO)		Code	AN	rangomidstream.com	Artesia, NM 88210	288 W. Kincaid Ranch Rd.	Durango Midstream	Lupe Carrasco								Chain of Custody		
Zn Aceta	Na ₂ S ₂ O ₃	NaHSO ₄ : NABIS	H ₃ PO ₄ : HP	H ₂ SU ₄ . H ₂		HO! - HO	Cool: Cool	None: NO	ALYSIS REQUEST PR	Deliverables: EDD ADaPT	Reporting:Level II Level III ST/UST RRP Level IV	State of Project:	Program: UST/PST PRP rownfields RC	Work Order Comments	Page				WOIN CIDE NO. TINO	Work Order No.				
Zn Acetate+NaOH: Zn	Na ₂ S ₂ O ₃ : NaSO ₃	. NABIS	¥	H₂ NaOH: Na		2		IO DI Water: H ₂ O	Preservative Codes	Other:	RRP Level IV		RC perfund	nts	e1 of10	F	° a,	ge			of	1(04	

otal Containers:

Sample Identification

Date

Time

Soil

Water

Grab/ Comp

of Cont

×

C

×

0

×

Corrected Temperature: Temperature Reading:

2000

TPH 8015M (GRO

Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC Sample Comments

20 5

CS-4 (2.5')

CS-5 (1.5')

9/21/2023 9/21/2023

9/21/2023

 $\times \times \times$

C

0

×

× × ×

×

×

CS-2 (2.5')

9/21/2023 9/21/2023

CS-1 (2.5')

CS-3 (2.5')

CS-8 (1.5') CS-7 (1.5') CS-6 (1.5')

9/21/2023 9/21/2023 9/21/2023

CS-9 (1.5')

CS-10 (1.5)

9/21/2023 9/21/2023

		,			+								
		7	gney	NOOR	S	SIMIS	428-83	2			M	Many	100
	Date/Time	Received by: (Signature)	Recei			Date/Time	Date			(Signature)	Relinquished by: (Signature)		
											11 11	*	//
			com	Cmoehring@carmonaresources)@carmo	noehring	Moehring / Cn	onner Moel	mcarmona@carmonaresources.com and Conner	a@carmonareso	-	S MING COLL	
					×	×	×	C	×		-1112	to Mike Carm	mments: Email to Mike Carmona
					×	+	-	C	>		0/24/2023	מח פ	CS-20 (2 0")
					×	+	+	C	< >		9/21/2023	2.05	CS-19 (2.0")
					×	+-	+	C	< >		9/21/2023	2.00	CS-18 (2.0°)
					×	+	+	, ,	< >		9/21/2023	2.0")	CS-17 (2.0°)
				_	×	+	+		× ;		9/21/2023	2.0')	CS-16 (2.0')
*				-	>	+	+		× .		9/21/2023	2.0')	CS-15 (2.0')
			,	+	< >	+	+	C	×	,	9/21/2023	(2.0')	CS-14 (2.0')
			+	+	×	+	+	C	×		9/21/2023	(1.5')	CS-13 (1.5')
			+	+	×	+	_	С	×		9/21/2023	(1.5')	CS-12 (1.5')
			+	7.	×	×	_	0	×		9/21/2023	(1.5)	CS-11 (1.5)
	Sample Comments			×		TPI	# of Cont	Grab/ Comp	Soil Water	Time	Date	ntification	Sample Identification
	NaOH+Ascorbic Acid: SAPC			_		801				Corrected Temperature:			tal Containers:
	7- A-244- N-21-3				Chi			18:	Di.	Temperature Reading:	Yes (No) N/A		imple Custody Seals:
	Na S O : NASO			×	lorid	GR		S S	8	Correction Factor:	N/A		ooler Custody Seals:
	13°C4: HT				e 45			6		Thermometer ID:	Yes No		eceived Intact:
	H ₂ SO ₄ : H ₂ NaOH: Na		ei .		. 00		neter	(es) No	Wet Ice:	Yes (No	Temp Blank:		AMPLE RECEIPT
	,					+ MF	s)			0#:
	. –					RO)		adia iyi			· FV		ampler's Name:
	None: NO DI Water: H ₂ O		+		1	+	Code	Standard TAT			Eddy County, New Mexico	Edd	oject Location
	Preservative Codes	OEST	ALIOIO VERGEOI			-	Pres.	Rush	Routine		2075		oject Number:
	333	TEST	AI Veie peo	AN				a	Turn Around	od	Apache-Redwood		oject Name.
	☐ ADaPT ☐ Other:	Deliverables: EDD			ח	eam.con	ngomidstr	Email: gcarrasco@durangomidstream.com	Email: gcarr		23	432-813-6823	none:
	Level III ST/UST RRP Level IV	Reporting:Level II Level III			188210	Artesia, NM 88210	Þ	City, State ZIP:	City,		79701	Midland, TX 79701	rty, State ZIP:
		State of Project:		Rd.	288 W. Kincaid Ranch Rd	88 W. Kir	2	SS:	Address		St Ste 500	310 W Wall St Ste 500	ddress:
	PRP Irounfields PPC	Program: UST/PST			idstream	Durango Midstream		Company Name:	Com		esources	Carmona Resources	ompany Name:
	Work Order Comments				SCO	Lupe Carrasco		Bill to: (if different)	Bill to		Itt	O CITICOL MICHIE	
	Page2 of10										#	Clinton Merr	roject Manager
Page 96	Work Order No: H335183	8											
of 1					Chain of Custody	- Z	2	5					
04					ic.))					

City, State ZIP:

Work Order No: 1235) 83 Page 97 of 104 State of Project: Reporting:Level II ST/UST RRP Level IV	Chain of Custody Bill to: (rf different) Company Name: Durango Midstream Address: 288 W. Kincaid Ranch Rd.	Clinton Merritt Carmona Resources 310 W Wall St Ste 500 Midland, TX 79701
--	---	---

				1	W	2	0	91	1	W.),~	_													
//		Comments: Email to	CS-30 (2.0	CS-29 (2.0	CS-28 (2.1	CS-27 (2.1	CS-26 (2.1	CS-25 (2.	CS-24 (2.	CS-23 (2.	CS-22 (2.	CS-21 (2.	Sample Identif	Total Containers:	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIP	PO#:	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone: 4	
// Re		Mike Carmon	0)	0")	05	0')	0')	03	0')	0)	0')	0)	ication		Yes (Yes	Yes				Eddy C		Ap	32-813-6823	
inquished by:		a / Mcarmon	9/21/2023	9/21/2023	9/21/2023	9/21/2023	9/21/2023	9/21/2023	9/21/2023	9/21/2023	9/21/2023	9/21/2023	Date		N/A	N/A		Blank:		FV	ounty, New M	2075	ache-Redwoo		
(Signature)		a@carmonar											Time	Corrected Temp	emperature Re	Correction Factor	Thermometer ID	Yes No			exico		d		
		sources.com	×	×	×	×	×	×	×	×	×	×	Soil	erature:	ading:	'n		Wet Ice:			Due Date:	Routine	Turn	Emai	
		and Conner	0	0	0	0	0	0	0	0			Water Co	1	38.82	1	~)		Standard T	Rush	n Around	: gcarrasco@	City, State ZIP
		Moehring	1	1	_	_		_	1	-1	1	-				Pa			s			Pres.		durangom	
Date/		/ Cmo	×	×	×	×	×	×	×	×	×	_	,		вт	EX	3021	В						idstrea	Апе
imp		ehring	×	×	×	×	×	×	×	×	×	×	TP	H 801	М (GRO) + D	RO	+ MF	RO)				m.com	Artesia, NM 88210
		@carn	×	×	×	×	×	×	×	×	×	×			Chl	orid	e 450	00							88210
		onares	4	4	+	1	4	1	_	4	1	4													
		source		+	+	+	+	+	+	+	+	+			-		•				+	\dashv	AN		
		s.com	+	+	+	+	+	+	+	+	+	+						_			+	\dashv	ALYSI		
						1										7	1				\dagger		SREO	2	
			1	-	1	1	1	_		1											1		JEST	Deliver	кероп
Ò.			+	+	+	+	+	+	+	+	+	+			_			,	_	_	+	4		ables:	ing:Leve
		l	+	+	+	+	+	+	+	+	+	+			_			_			+	-		DD [
						1	1	1	1	1	+	+						,			\dagger				evel
			4	1	1	1	+	1	1	1	1			7 1			. 7				Ţ			ADaPT	Reporting:Level III Level III LIST/UST
													Sai	laOH+A	1420203	Value O	13PO4: F	12504: H	ICL: HC	Cool: Co	vone: N		0,		
													nple C	scorbic	. Naous	NABIS	÷	2		Ō	C	DA ISO	200	Other:	RRP
													omments	Acid: SAPC				NaOH: Na	HNO ₃ : HN	MeOH: Me	DI Water: H ₂ O	Sano ave	im Codes		∐Level IV ∐
	Relinquished by: (Signature)			CS-30 (2.0') 9/21/2023 X C 1	CS-29 (2.0') 9/21/2023 9/21/2023 9/21/2023 X CS-30 (2.0') 9/21/2023 X C 1 X X X C X X X C X X X C X X X C X X X C X X X C X X X C X X X	CS-28 (2.0') 9/21/2023 X C 1 X	CS-27 (2.0') 9/21/2023 X C 1 X	CS-26 (2.0') 9/21/2023 X C 1 X X X CS-27 (2.0') 9/21/2023 X C 1 X X X CS-28 (2.0') 9/21/2023 X C 1 X X X CS-29 (2.0') 9/21/2023 X C 1 X X X CS-30 (2.0') 9/21/2023 X C 1 X X X Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com Cmoehring / Cmoehring@carmonaresources.com	CS-25 (2.0') 9/21/2023 X C 1 X	CS-24 (2.0') 9/21/2023 X C 1 X	CS-23 (2.0') 9/21/2023 X C 1 X X X CS-24 (2.0') 9/21/2023 X C 1 X X X CS-25 (2.0') 9/21/2023 X C 1 X X X CS-26 (2.0') 9/21/2023 X C 1 X X X CS-27 (2.0') 9/21/2023 X C 1 X X X CS-28 (2.0') 9/21/2023 X C 1 X X X CS-29 (2.0') 9/21/2023 X C 1 X X X CS-30 (2.0') 9/21/2023 X C 1 X X X CS-30 (2.0') 9/21/2023 X C 1 X X X CS-30 (2.0') 9/21/2023 X C 1 X X X CS-30 (2.0') 9/21/2023 X C 1 X	CS-22 (2.0) 9/21/2023 X C 1 X X X CS-23 (2.0) 9/21/2023 X C 1 X X X CS-24 (2.0) 9/21/2023 X C 1 X X X CS-25 (2.0) 9/21/2023 X C 1 X X X CS-26 (2.0) 9/21/2023 X C 1 X X X CS-27 (2.0) 9/21/2023 X C 1 X X X CS-28 (2.0) 9/21/2023 X C 1 X X X CS-29 (2.0) 9/21/2023 X C 1 X X X CS-30 (2.0) 9/21/2023 X C 1 X X X CS-30 (2.0) 9/21/2023 X C 1 X X X CS-28 (2.0) 9/21/2023 X C 1 X X	CS-21 (2.0') 9/21/2023 X C 1 X X X CS-22 (2.0') 9/21/2023 X C 1 X X X CS-23 (2.0') 9/21/2023 X C 1 X X X CS-24 (2.0') 9/21/2023 X C 1 X X X CS-26 (2.0') 9/21/2023 X C 1 X X X CS-27 (2.0') 9/21/2023 X C 1 X X X CS-28 (2.0') 9/21/2023 X C 1 X X X CS-29 (2.0') 9/21/2023 X C 1 X X X CS-30 (2.0') 9/21/2023 X C 1 X X X CS-30 (2.0') 9/21/2023 X C 1 X X X CS-29 (2.0') 9/21/2023 X C 1 X	Sample Identification Date Time Soil Water Grab/	Sample Identification Date Time Soil Water Grab/	Sample Containers: Yes No. N	Cooler Custody Seals:	Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Connert Moehring / Competenting and connert Moehring / Competenting & X	SAMPLE RECEIPT Temp Blank: Yes No Wet los: Yes No No Themometic ID: H C Para No	SAMPLE RECEIPT Temp Blank: Yes No Wel Ice: Yes No Well Ice: Yes No Manual Properties Yes No Name Yes No	Sample Name: FV	Project Listadison Eddy County, New Mexico Due Date: Standard TAT Sample from the PV Project Income Standard TAT Project Income Standard TAT Project Income Standard TAT Project Income Standard TAT Project Income Standard Table Proje	Project Number: 2075	Project Number Apache Redwood Turn Avound Preserval	Embel A22-513-5823

Project Manager: Cli	Clinton Merritt									Page4_	of 10
	Carmona Resources			Bill to: (if different)		Lupe Carrasco	asco		W	Work Order Comments	
	310 W Wall St Ste 500	,		Company Name		Durango Midstream	Midstream		ST	RP rownfields RC	perfund
City, State ZIP: Mic	Midland, TX 79701	v		City State 7ID:		288 W. Kincaid Ranch Rd	ncaid Ran	ich Rd.	State of Project:		
Phone: 432	432-813-6823		Email	gcarrasco@du	rangomide	troom com	100210		Level Level	LISI/USI LRRP	Level IV
				Linaii. ycaii asco@durangomidstream.com	irangomids	tream.co	B		Deliverables: EDD	ADaPT Other:	
Project Name:	Apache-Redwood	/ood	Turn	Turn Around				ANALYSIS	ALYSIS REQUEST		
Project Number:	2075		✓ Routine	Rush	Pres.	_				Preservative Codes	e Codes
Project Location	Eddy County, New Mexico	/ Mexico	Due Date:	Standard TAT		+				None: NO	DI Water: H ₂ O
Sampler's Name:	NA.			Commodia IVI		0)				Cool: Cool	MeOH: Me
PO #:						MR					HNO ₃ : HN
SAMPLE RECEIPT	Temp Blank:	Yes (No	Wet loe.		ters)	,			NaOH: Na
Received Intact:	Yes No	Thermometer ID:	Γ	Hoo	ame		450			H ₃ PO ₄ : HP	
Cooler Custody Seals:	Yes No N/A	Correction Factor	ā	1	Par		ride		1	NaHSO ₄ : NABIS	
Sample Custody Seals:	8	Temperature Reading:	ading:	1.X.C.		BTE M (G	Chlo			Na ₂ S ₂ O ₃ : NaSO ₃	
Total Containers:	(Corrected Temperature	erature:	5		015	(Zn Acetate+NaOH: Zn	Zn
Sample Identification	ation Date	Time	Soil	Water Grab/	# of	TPH 8				NaOH+Ascorbic Acid: SAPC	id: SAPC
CS-31 (2.0°)			<	C						Sample Comments	nments
CS-32 (2.0°)	9/21/2023		< >	0		+	×				
CS-33 (1.5')			< >	C	-	×	×				
CS-34 (1.5")			< >	C	-	×	×				
CS-35 (1 5)			>	0	_	×	×				
CS 36 (4 E)	620211216		×	C	1	×	×				
00 00 (1.0)	8/21/2023		×	C	_	×	×				
CS 30 (4 E)	9/21/2023		×	С	1	×	×				
00-30 (1.3)	9/21/2023		×	C	1	×	×				
CS 49 (1.5)	9/21/2023		×	C	1	×	×				
0 (1.3)	9/21/2023		×	С		×	×				
nments: Email to M	omments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring /	na@carmonare	sources.com a	and Conner Mo	ehring / C	moehrin	9@carm	Cmoehring@carmonaresources.com	-		
Manus	Relinquished by: (Signature)	y: (Signature)			Date/	Date/Time	5	Shodki	Received by: (Signature)	Date	Date/Time
							_				

Work Order No: + 235183

Page 98 of 104

roject Manager: company Name:

Clinton Merritt
Carmona Resources
310 W Wall St Ste 500

Company Name

Lupe Carrasco

Durango Midstream

288 W. Kincaid Ranch Rd.

State of Project:

Program: UST/PST PRP prownfields RC

perfund

Work Order Comments

of

0

Chain of Custody

	Work Order N
-	<u>.</u>
	12351
	S_{2}

Conversion Project Name Projec
Reporting:Level III Level III ST/UST RRP Deliverables: EDD ADaPT Other: ANALYSIS REQUEST Preservati None: NO Cool: Cool HCI: HC H ₂ D ₀ ; H ₂ H ₃ D ₀ ; H ₂ H ₃ D ₀ ; H ₂ H ₃ D ₀ ; NABIS Na ₂ S ₂ O ₃ : NAB
Reporting:Level III Level III ST/UST RRP Deliverables: EDD ADaPT Other: ANALYSIS REQUEST Preservati None: NO Cool: Cool HCI: HC H ₂ D ₀ ; H ₂ H ₃ D ₀ ; H ₂ H ₃ D ₀ ; H ₂ H ₃ D ₀ ; NABIS Na ₂ S ₂ O ₃ : NAB
Reporting:Level III Level III ST/UST RRP Deliverables: EDD ADaPT Other: ANALYSIS REQUEST Preservati None: NO Cool: Cool HCI: HC H-Soq: H-2 H-Soq: H-2 H-Soq: H-2 H-Soq: NABIS Nap-S_2Oq: NABIS Na
Reporting:Level III Level III ST/UST RRP Deliverables: EDD ADaPT Other: ANALYSIS REQUEST Preservati None: NO Cool: Cool HCI: HC H-Soq: H-2 H-Soq: H-2 H-Soq: H-2 H-Soq: NABIS Nap-S_2Oq: NABIS Na
Reporting:Level III Level III ST/UST RRP Deliverables: EDD ADaPT Other: ANALYSIS REQUEST Preservati None: NO Cool: Cool HCI: HC H-Soq: H-2 H-Soq: H-2 H-Soq: H-2 H-Soq: NABIS Nap-S_2Oq: NABIS Na
Reporting:Level III Level III ST/UST RRP Deliverables: EDD ADaPT Other: ANALYSIS REQUEST Preservati None: NO Cool: Cool HCI: HC H-Soq: H-2 H-Soq: H-2 H-Soq: H-2 H-Soq: NABIS Nap-S_2Oq: NABIS Na
Reporting:Level III Level III ST/UST RRP Deliverables: EDD ADaPT Other: ANALYSIS REQUEST Preservati None: NO Cool: Cool HCI: HC H ₂ D ₀ ; H ₂ H ₃ P ₀ ; H ₂ H ₃ P ₀ ; H ₂ H ₃ P ₀ ; H ₂ H ₃ P ₀ ; H ₂ H ₃ P ₀ ; NaBIS Na ₂ S ₂ O ₃ : NaSi ₃ NaOH+Ascorbic A NaOH+Ascorbic
Reporting:Level III Level III ST/UST RRP Deliverables: EDD ADaPT Other: ANALYSIS REQUEST Preservati None: NO Cool: Cool HCI: HC H ₂ So ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₅ : NaBIS Na ₂ S ₂ O ₅ : NaBIS NaOH+Ascorbic A Sample Co
Reporting:Level III Level III ST/UST RRP Deliverables: EDD ADaPT Other: ANALYSIS REQUEST Preservati None: NO Cool: Cool HCI: HC H-Soq: H-2 H-Soq: H-2 H-Soq: H-2 H-Soq: NABIS Nap-S_2Oq: NABIS Na
State of Project: Reporting:Level II
orting:Level III □ST/UST □RRP rerables: EDD □ ADaPT □ Other: Preservati None: NO Cool: Cool HCL: HC H ₂ So ₄ : H ₂ H ₃ PO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH NaOH+Ascorbic A Sample Co
orting:Level III □ST/UST □RRP rerables: EDD □ ADaPT □ Other: Preservati None: NO Cool: Cool HCL: HC H ₂ So ₄ : H ₂ H ₃ PO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH NaOH+Ascorbic A Sample Co
□ Level III □ST/UST □RRP □ ADaPT □ Other: Preservati None: NO □ Cool: Cool HCL: HC H ₂ So ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NaSO ₃ Zn Acetate+NaOH NaOH+Ascorbic A Sample Co □ Date □ Date □ Date □ ADaPT □ Other: □ Preservati □ None: NO □ Cool: Cool HCL: HC H ₂ So ₄ : H ₂ H ₃ PO ₄ : HP NaOH+Ascorbic A Sample Co
Other: Preservati NO Cool HC 4: H2 204: NASO4: NASO5 205: NASO5 2etate+NaOH H+Ascorbic A Sample Co
Other: Preservati NO Cool HC 4: H2 204: NASO4: NASO5 205: NASO5 2etate+NaOH H+Ascorbic A Sample Co
Other: Preservati NO Cool HC 4: H2 204: NASO4: NASO5 205: NASO5 2etate+NaOH H+Ascorbic A Sample Co
It comments Di Water. H ₂ O MeOH: Me HNO ₃ : HN NaOH: Na Date/Time

Page 99 of 104

Carmona Resources

Durango Midstream Lupe Carrasco

Work Order Comments

Chain of Custody

<
/ork (
Order
No:
7
18
200
المن

/ Name:	Carmona Resources			Company Name:		Durang	Durango Midstream	m			Pro	gram: U	ST/PST [PRP	rownfie	Program: UST/PST ☐PRP ☐ rownfields ☐ RC		perfund	Ц
Address:	310 W Wall St Ste 500			Address:		288 W.	288 W. Kincaid Ranch Rd.	anch Rd.			Sta	State of Project:	ject:						
City, State ZIP:	Midland, TX 79701			City, State ZIP:		Artesia,	Artesia, NM 88210	0			Rep	orting:Le	Reporting:Level II Level III		□ST/UST	RRP		Level IV	_
Phone:	432-813-6823		Email:	Email: gcarrasco@durangomidstream.com	rangomid	stream.	com				Deli	Deliverables: EDD	EDD [ADaPT 🗆	Other.	ler.		
Project Name:	Apache-Redwood	ood	Turn	Turn Around					ANA	LYSIS F	NALYSIS REQUEST	7				Preser	Preservative Codes	odes	
Project Number:	2075		Routine	Rush	Pres. Code		\dashv		\dashv		\dashv		_	\exists	Z	None: NO	DIV	DI Water: H ₂ O	
Project Location	Eddy County, New Mexico	Mexico	Due Date:	Standard TAT			+		\dashv		+		+	+		Cool: Cool	MeC	MeOH: Me	
Sampler's Name:	FV						RO)		_	·	_				Ξ !	HCL: HC	HNC	HNO3: HN	
PO#:					s		+ M				_		V.		Ţ	H ₂ SO ₄ : H ₂	NaC	NaOH: Na	
SAMPLE RECEIPT	PT Temp Blank:	Yes No	Wet Ice:	Kes) No	eter	_	_					v			r ;	BO - HB			
Received Intact:	Yes No	Thermometer ID:			ram	3021	0 + [e 45		_		_			Y	2 :	NaHSO : NARIS	BIS		
Cooler Custody Seals:	Ye	Correction Factor:	ň	1	Pa		_				_	,			Z	Na.S.O. NaSO.	S S		
Sample Custody Seals:	Yes	Temperature Reading:	ading:	3.83			_		_						70	Zn Acetate+NaOH: Zn	JaOH: Zr		
Total Containers:	(Corrected Temperature:	erature:				801								Z	NaOH+Ascorbic Acid: SAPC	bic Acid:	SAPC	
Sample Identification	tification Date	Time	Soil	Water Comp	# of Cont		ТРН				ř					Sampl	Sample Comments	nents	THE CASE OF THE CA
CS-51 (3.5')	3.5') 9/21/2023		×	0	1	×	×				+		+	+					
CS-52 (3.5')	3.5') 9/21/2023	×	×	0	1	×	×		-				-	1					
CS-53 (3.5')	3.5') 9/21/2023		×	0	1	×	×		-		-		+		_				
CS-54 (3.5')	3.5') 9/21/2023	,	×	. С	1	×	×				-		-		_				
CS-55 (3.5')	3.5') 9/21/2023		×	0	1	×	×				-			1	_				_
CS-56 (1.5')	1.5') 9/21/2023		×	0	1	×	×				-		-						
SW-1 (2.5')	2.5") 9/21/2023		×	C	1	×	×												
SW-2 (2.5')	2.5') 9/21/2023		×	0	1	×	×						-						
SW-3 (2.5')	9/21/2023		×	0	1	×	×						-		-				
SW-4 (2.5')	2.5') 9/21/2023		×	C	1	×	×		-		H		Н						
Comments: Email	Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com	ona@carmonar	esources.com	and Conner M	oehring /	Cmoeh	ıring@ca	irmonare	sources	.com									
1	Relinquished	Relinquished by: (Signature)			PCE 5	Date/Time		8	000	i Qn	Received by: (Signature)	by: (Sign	nature)				Date/Time	Time	
(5							-		4				+	*		
								ľ											

Page 100 of 104

SW-14 (2.0") SW-13 (2.0") SW-12 (1.0") SW-11 (1.5') SW-10 (1.5')

9/21/2023 9/21/2023 9/21/2023 9/21/2023 9/21/2023

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

× × × × \times × × × ×

0 0 C 0 0 c C C 0 C

> × × × × × × ×

×

× × ×

> × × × × ×

Relinquished by: (Signature)

9-22-23

Date/Time

Received by: (Signature)

					1	1		<		0/24/2022	2.57	SW-5 (2.5")
	Sample Comments				т	p Cont	Water Comp	Soil	lime	Date	micauon	- Consider out
	NaUH+Ascorbic Acid: SAPC				PH:		Grab/		•	,	tification	Sample Identification
	Zn Acetate+NaOH: Zn				8015		15	erature:	Corrected Temperature:	(Total Containers:
	Na ₂ S ₂ O ₃ . NaSO ₃			_			-8.C	ading:	Temperature Reading:	NO N/A	ils: Yes	Sample Custody Seals
	NaHSO4: NABIS		AC O	_		Pa	1	ח	Correction Factor.	NO N/A	s: Yes	Cooler Custody Seals
	H ₃ PO ₄ : HP			e 45	8021	ram	-		Thermometer ID:	res No		Received Intact:
	H ₂ S0 ₄ : H ₂ NaOH: Na				B ORO	eter	kes No	Wet Ice:	Yes (No	Temp Blank:		SAMPLE RECEIPT
	HCL: HC HNO3: HN				- ME	s)			PO#:
	Cool: Cool MeOH: Me				20)					FV		Sampler's Name:
	None: NO DI Water: H ₂ O			+			Standard TAT	Due Date:	Mexico	Eddy County, New Mexico	Edd	Project Location
						Code	Rush	Routine		2075		r roject Nutitibel.
	Preservative Codes	QUEST	ANALYSIS REQUEST			Drag	Turn Around	lun	lou de	Spacific Tredwo		Droiset Number
								•	0	Anache-Redwood		Project Name:
	ADaPT Other	Deliverables: EDD ADa		om	dstream.co	urangomi	Email: gcarrasco@durangomidstream.com	Email		3	432-813-6823	Filolia.
	T/UST RRP Level IV	Reporting:Level III		Artesia, NM 88210	Artesia, N		City, State ZIP:			19701	Annaidild, IX	
		State of Project:	id.	200 vv. Nilicald Nation Ro.	200 AA. I.					70701	Midland TX 70701	City State 7IP
	wnfields RC perfund	PRP prownfields RC	2	fincaid Danch D	W 88C		Address:			St Ste 500	310 W Wall St Ste 500	Address:
				Durango Midstream	Duranoo	Œ.	Company Name			Sources	Carmona Resources	Company Name:
	Comments	Work Order		гаѕсо	Lupe Carrasco	10	Bill to: (if different)					
	Page7 of10									Ħ.	Clinton Merritt	Project Manager:
L P												
ag												
je	I											
10	Work Order No: + (55) 87	Work Order N										
)1 (
of 1				chain of custody	OTC	C						
04	1			A.)	2						
Ŀ											^	
										×		

SW-6 (1.5')

SW-5 (2.5")

SW-9 (1.5") SW-8 (1.5") SW-7 (1.5')

9/21/2023

9/21/2023 9/21/2023 9/21/2023 9/21/2023

Date/Time

	Midland, TX 79701 City, State ZIP	310 W Wall St Ste 500 Address:	Carmona Resources Company Name	Clinton Merritt Bill to: (if different)	
		288 W. Kincaid Ranch Rd.	me: Durango Midstream	ent) Lupe Carrasco	Chain of Custody
Level IV	Reporting Level II Level III DOTALICT DOD	State of Project:	Program: UST/PST PRP Iroumfields PPC Production	Work Order Comments	Work Order No: +735183 Page 102 of 104

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresourc	9/21/2023	9/21/2023	9/21/2023	9/21/2023	9.					THE RESERVE AND ADDRESS OF THE PARTY NAMED IN	1.1							_ 1			813-	and,
9/21/2023			-	023	9/21/2023	9/21/2023	9/21/2023	9/21/2023	9/21/2023	Date	(No	e l	Yes No	Temp Blank:		FV	Eddy County, New Mexico	2075	Apache-Redwood	432-813-6823	Midland, TX 79701
S II									,	Time	Corrected Temperature:	Temperature Reading:	Correction Factor:	Thermometer ID:	Yes (No)			Mexico		ood		\$ x
A X	×	×	×	×	×	×	×	×	×	Soil	erature:	ading:	ň		Wet Ice:		1	Due Date:	✓ Routine	Turr	Email	
and Conner M	C	0	0.	0	0		C	C	C	Water Comp	19	28.C	1		(Yes No		Communication 12	Standard TAT	Rush	Turn Around	Email: gcarrasco@durangomidstream.com	City, State ZIP:
oehring / Cmoe	1	_	1	1	_	_	_	_		# of			Par	ame	eters		-		Pres.		urangomi	
/ Cmoehri	×	×	×	×	×	×	×	×	×			вт	EX 8	0211	3						dstream.	Artesia
x x	×	×	×	+	+	+	+	+	×	TPH		M (C	_	-	RO +	MR	(0)	+	-		com	Artesia, NM 88210
rmonare						1			1													0
Sources		+	1	+	-	+	+	+	+			_	_	_	-		_	+	- 2			
es.com			-	1	1		1	1	1						-			+	NEW OF STREET	Vele D		
Received by: (Signature)		+	+	+	+	+	+	+	+					_	,,,			+	בעטבסו	EOHEST	Deli	Rep
V: (Sjøna		1	+	1	1	-	1			3					v						Deliverables: EDD	Reporting:Level II Level III
ture)		1	+	+	1	1	1	+		-	-	_	,					+			EDD	el II 🗍 Le
	-	-	I	1	1	-	1		T			_					V					
							+	1		Sam	Zn Acetate	Na ₂ S ₂ O ₃ : NaSO ₃	NaHSO ₄ : NABIS	H ₃ PO ₄ : HP	H ₂ S0 ₄ : H ₂	HCL: HC	Cool: Cool	None: NO	Pre		Г	□ST/UST □
Date										Sample Comments	Zn Acetate+NaOH: Zn	NaSO ₃	NABIS	P		I			Preservative Codes			RRP
Date/Time										ments	Zn				NaOH: Na	HNO3: HN	MeOH: Me	DI Water: H ₂ O	Codes			Level IV

Chain of Custody

															2	01
Project Manager: (Clinton Merritt			m	Bill to: (if different)		Lupe Carrasco	SCO					Work O.			
Company Name:	Carmona Resources			0	Company Name		Durango Midstream	dstream			D	HET/DET	WOLV OIL	100		
Address: 3	310 W Wall St Ste 500	00		-	Address:		288 W Kincaid Ranch Rd	aid Ranch	P		State of Project:	State of Project:		FrownTields	LKC L	perfund
City, State ZIP: N	Midland, TX 79701			0	City. State ZIP:		Artesia NM	88210			Reporting	Reporting evel				
Phone: 4	432-813-6823			Email: 0	gcarrasco@durangomidstream.com	rangomids	tream.com				Deliverab	Deliverables: EDD		ADapt []	Other LL	Trevel IV
Project Name:	Apache	Apache-Redwood		Turn Around	round					AI VOIC DE				100		
Project Number:	2	2075	4	Routine	Rush	Pres.				AL JOIO NEWOEST	MOEO!			Pn	Preservative Codes	Codes
Project Location	Eddy Count	Eddy County, New Mexico	Due		Standard TAT		+	+		+	+	+		None: NO		DI Water: H ₂ O
Sampler's Name:		FV			5		0)							Cool: Cool		MeOH: Me
PO #:	A					3	MR							HCL: HC		HNO3: HN
SAMPLE RECEIPT	Temp Blank:	k: Yes	No.	Wet ice:	Yes No	eter	RO -	00 ,	,					H ₂ S0 ₄ : H ₂		NaOH: Na
Received Intact:	Yes No		neter ID:			ram	_	9 45			1			H ₃ PO ₄ : HP	Ŧ	
Cooler Custody Seals:	No	N/A Correcti	Correction Factor:		17	Pa	GRO	orid						Na SO : Naso	NABIS	
Sample Custody Seals:	Yes No	N/A Temper	Temperature Reading:		28.0			Chi						Zn Anata	Zn Acetata+NaOU: Zn	
Com Contamicis.		Correcte	Corrected Temperature:	re:			80							NaOH+A	NaOH+Ascorbic Acid: SAPC	SAPC
Sample Identification		Date Ti	Time	Soil	Water Comp	# of	ТРІ		ę					Sa	Sample Comments	nents
SW-25 (1.5")		9/21/2023		×	C	\dashv	×	×	+	+	+	+	+			
SW-26 (1.5')		9/21/2023		×	0	_	+	×	+	+	+	+	+			
SW-27 (1.5')		9/21/2023		×	C	_	+	×	+	+	+	+	+			
SW-28 (1.5")		9/21/2023		×	C	_	×	×	+	+	+	+		\dagger		
8W-29 (1.5')		9/21/2023		×	G	_	+	×	+	+	+	+		+		
SW-30 (3.5')		9/21/2023		×	0	1	×	×	1		+	+	+	1		
SW-31 (3.5')		9/21/2023		×	C	-	+	×	+	+	+	+	+	+		
SW-32 (3.5')		9/21/2023		×	0	-	+	×	+	+	+	+	+	+		
SW-33 (3.5')	5') 9/21/2023	2023		×	0		+	×	+	+	+	+	+	1		
SW-34 (3.5')	5") 9/21/2023	2023		×	C	_	+	×	+	+	+	+	+	+		
omments: Email to	omments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresourc	carmona@car	monaresou	rces.com an	nd Conner Mo	pehring / C	moehring	@carmon	m II I	s.com						
	Relinqui	Relinquished by: (Signature)	ature)			Date/7	Date/Time	S)	S\$	Reco	Received by: (S	(Signature)			Date/Time	Time
										/		7				
								+								

Page 103 of 104

0	1
1000	elast.
C)	Š
Mile	MA IN
non	2
C	>
MM	ψą.
C	7
c	H
Ü	5
200	ĝa,
<u>C</u>	2
Ross	len.
Mary Control	h

	THE HIS. CITAL TO M								SW-36 (3.5')	SW-35 (3.5')	Sample Identification	Total Containers:	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO #:	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone: 432	ate ZIP:		Name:	Project Manager: Clir
Rélinquished by/Signature)	Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresourc						*		9/21/2023	9/21/2023	tion Date	(Yes No N/A	0	Yes No	Temp Blank:		γ	Eddy County, New Mexico	2075	Apache-Redwood	432-813-6823	Midland, TX 79701	310 W Wall St Ste 500	Carmona Resources	Clinton Merritt
y/(Signature)	ona@carmonare								*		Time	Corrected Temperature:	Temperature Reading:	Correction Factor:	Thermometer ID:	Yes No		15	v Mexico		vood					x
	sources.com a								×	×	Soil	erature:	ading:	ה		Wet lce:			Due Date:	✓ Routine	Turn	Email:				
	and Conne			-	-						Water CA	1	28.E	1	71	Yes No)	Ominana IVI	Standard	Rush	Turn Around	gcarrasco@durangomidstream.com	City, State ZIP:	Address:	Company Name:	Bill to: (if different)
2	r Moehrin			+	-				C 1	C 1	Grab/ # of Comp Cont			Par		eters		2		Pres.		@durango	IP.		ame:	erent)
Date/Time	g / Cmo		H	+	\vdash			+	×	×	= =		вт	EX 8					- a	5.5		nidstrea	Arte	288	Dur	Lup
7 Ime	ehring								×	×	ТРН	8015	M (GRO	+ D	RO +	MR	0)	\dagger			m.com	Artesia, NM 88210	W. Kin	ango M	Lupe Carrasco
38	@carn			1					×	×			Chlo	oride	450	0	4						88210	288 W. Kincaid Ranch Rd.	Durango Midstream	SCO
9	ionare	H	1	+			4	4	1	1)C													ich Rd.		
a	source	H	+	+	Н		+	+	+	+								7	+	-	AN					
	es.com	H	1	+	Н		+	+	+	+	- \				,		it is	-	+	- 2	A VSI					
Receiv								1	1	+				_		,			+	TOO NEWOLO	S DEO					
Received by:		Н					1		1	1										100	Tea	Delive	Report	State	Progra	
(Signature)		\vdash	+	+	\Box	+	+	+	+	+									+			Deliverables: EDD	ting:Lev	State of Project:	am: US:	
lure)		H	+	+	\dashv	+	+	+	+	+	5							3	+	-		EDD [Reporting:Level II Level III	ct	T/PST [
						1	1	+	+	+		_		8		*			\dagger				evel III		PRP	Work
							1															ADaPT 🗆	□ST/UST		Program: UST/PST PRP Irownfields Program:)rder (
											S	Zn Acet	Na ₂ S ₂ C	NaHSO	H ₃ PO ₄ : HP	H ₂ S0 ₄ : H ₂	HCL: HC	Cool: Cool	None: NO	-	,				fields	Ommon!
											imple (Zn Acetate+NaOH: Zn	Na ₂ S ₂ O ₃ : NaSO ₃	NaHSO ₄ : NABIS	푸	H ₂	C	00	6	reserva		Other:	RRP		المور	
Date/Time											Sample Comments	Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SABC	3	S		NaOH: Na	HNO3: HN	MeOH: Me	DIW	Preservative Codes			Le			ا
ne								1			nts	ADO		,		: Na	H	1: Me	DI Water: H ₂ O	odes			Level IV	periulu	1	1

Page 104 of 104



October 03, 2023

CLINT MERRITT

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: APACHE - REDWOOD

Enclosed are the results of analyses for samples received by the laboratory on 09/28/23 11:16.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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 CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

 Received:
 09/28/2023
 Sampling Date:
 09/28/2023

 Reported:
 10/03/2023
 Sampling Type:
 Soil

Project Name: APACHE - REDWOOD Sampling Condition: Cool & Intact
Project Number: Sample Received By: Tamara Oldaker

A I J 711

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sample ID: CS - 41 (1.75') (H235301-01)

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	09/29/2023	ND	1.77	88.5	2.00	5.61	
Toluene*	<0.050	0.050	09/29/2023	ND	1.94	97.0	2.00	0.850	
Ethylbenzene*	<0.050	0.050	09/29/2023	ND	2.06	103	2.00	0.309	
Total Xylenes*	<0.150	0.150	09/29/2023	ND	6.09	101	6.00	1.67	
Total BTEX	<0.300	0.300	09/29/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 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	09/29/2023	ND	432	108	400	3.64	
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	09/29/2023	ND	206	103	200	6.19	
DRO >C10-C28*	<10.0	10.0	09/29/2023	ND	205	103	200	4.10	
EXT DRO >C28-C36	<10.0	10.0	09/29/2023	ND					
Surrogate: 1-Chlorooctane	70.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.8	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received: 09/28/2023 Reported: 10/03/2023

Project Name: APACHE - REDWOOD

Project Number: 2075

Project Location: DURANGO-EDDY COUNTY, NEW MEXICC

Sampling Date: 09/28/2023

Sampling Type: Soil

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

Sample ID: CS - 42 (1.75') (H235301-02)

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	09/29/2023	ND	1.77	88.5	2.00	5.61	
Toluene*	<0.050	0.050	09/29/2023	ND	1.94	97.0	2.00	0.850	
Ethylbenzene*	<0.050	0.050	09/29/2023	ND	2.06	103	2.00	0.309	
Total Xylenes*	<0.150	0.150	09/29/2023	ND	6.09	101	6.00	1.67	
Total BTEX	<0.300	0.300	09/29/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 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	224	16.0	09/29/2023	ND	432	108	400	3.64	
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	09/29/2023	ND	206	103	200	6.19	
DRO >C10-C28*	<10.0	10.0	09/29/2023	ND	205	103	200	4.10	
EXT DRO >C28-C36	<10.0	10.0	09/29/2023	ND					
Surrogate: 1-Chlorooctane	71.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.6	% 49.1-14	8						

Applyzod By: 14

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in 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



Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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.

Celeg D. Freene

	Received by (Signature)	Mulaka	Date/Time	9-38-3			Relinquished by: (Signature)	Relinquished	m)	Marroll
Date/Time		Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com	moenring@can	pehring / G	and Conner Mo	esources.com	ona@carmona	armona / Mcarm	nail to Mike C	Comments: En
		pongresources com								
				++	(>		9/28/2023	CS-42 (1.75')	CS-42
			+			< ×		9/28/2023	CS-41 (1.75')	. CS-41
			+	2	Water Comp	Soil	Time	Date	Sample Identification	Sample Id
Sample Comments			трн а	# of	Grab/	idiuie.	Corrected Lettiperature			otal Containers:
NaOH+Ascorbic Acid: SAPC					3,1	iding:	Temperature Reading:	Yes No (N/A)		ample Custody Seals:
Zn Acetate+NaOH: Zn			M (G		/ 2		Correction Factor:	Yes No (N/A)	Y	ooler Custody Seals:
Na ₂ S ₂ O ₃ : NaSO ₃			GRO		140		Thermometer ID:	Yes No		eceived Intact:
NaHSO ₄ : NABIS				21B	Yes No	Wet Ice:	Yes No	Temp Blank:	EIPT	AMPLE RECEIPT
U			_	ers						0#
H ₂ S ₀₄ : H ₂ NaOH: Na			MRO)					MM		ampler's Name:
_)		Standard TAT			de County New N		oject Number.
				Code	Rush	✓ Routine		2075		oject Number
ervati	JEST	ANALYSIS REQUEST			round	Turn Around	od.	Anache-Redwood		niot Name.
			am.com	ngomidstrea	Email: gcarrasco@durangomidstream.com	Email: 9		23	432-813-6823	none:
Other:			Artesia, NM 88210	Arte	City, State ZIP:	0		79701	Midland, TX 79701	ty, State ZIP:
ST/UST RRP Level IV	Leve	Rd.	288 W. Kincaid Ranch Rd.	288	Address:	P		St Ste 500	310 W Wall St Ste 500	idress:
Diomilienas Davo Diponium	Program: USI/PSI LPRP Lifow		Durango Midstream	Dur	Company Name:	0		sources	Carmona Resources	ompany Name:
5			Lupe Carrasco	Lup	Bill to: (if different)	В		iii	Clinton Merritt	piect Manager:
Page1 of1										
Pag										
e 5 of 5	Work Order No:		Chain of Custody	on on	CI					
5))					

APPENDIX F

CARMONA RESOURCES



MAP LEGEND

â

0

Δ

Water Features

Transportation

Background

Spoil Area

Stony Spot

Wet Spot

Other

Rails

US Routes

Major Roads

Local Roads

Very Stony Spot

Special Line Features

Streams and Canals

Interstate Highways

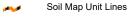
Aerial Photography

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Map Unit Polygons



Soil Map Unit Points

Special Point Features

Blowout

Borrow Pit

Clay Spot

Closed Depression

Gravel Pit

Gravelly Spot

Candfill

Lava Flow

Marsh or swamp

Mine or Quarry

Miscellaneous Water

Perennial Water

Rock Outcrop

+ Saline Spot

Sandy Spot

Severely Eroded Spot

Sinkhole

Slide or Slip

Sodic Spot

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Eddy Area, New Mexico Survey Area Data: Version 19, Sep 7, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Nov 12, 2022—Dec 2, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
GC	Gypsum land-Cottonwood complex, 0 to 3 percent slopes	0.6	100.0%
Totals for Area of Interest		0.6	100.0%

Eddy Area, New Mexico

GC—Gypsum land-Cottonwood complex, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w4g Elevation: 1,250 to 5,000 feet

Mean annual precipitation: 10 to 25 inches Mean annual air temperature: 57 to 66 degrees F

Frost-free period: 190 to 225 days

Farmland classification: Not prime farmland

Map Unit Composition

Gypsum land: 60 percent

Cottonwood and similar soils: 30 percent

Minor components: 10 percent

Estimates are based on observations, descriptions, and transects of

the mapunit.

Description of Gypsum Land

Setting

Landform: Ridges, plains, hills

Landform position (two-dimensional): Shoulder, backslope,

footslope, toeslope

Landform position (three-dimensional): Side slope, head slope,

nose slope, crest

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Residuum weathered from gypsum

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 8s

Hydric soil rating: No

Description of Cottonwood

Setting

Landform: Ridges, hills

Landform position (two-dimensional): Shoulder, backslope,

footslope, toeslope

Landform position (three-dimensional): Side slope, head slope,

nose slope, crest Down-slope shape: Convex Across-slope shape: Linear

Parent material: Residuum weathered from gypsum

Typical profile

H1 - 0 to 8 inches: loam H2 - 8 to 60 inches: bedrock



Map Unit Description: Gypsum land-Cottonwood complex, 0 to 3 percent slopes---Eddy Area, New Mexico

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: 3 to 12 inches to paralithic bedrock

Drainage class: Well drained

Runoff class: Low

Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.20 to 2.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum content: 15 percent

Gypsum, maximum content: 5 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0

mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Very low (about 1.2 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 6s

Hydrologic Soil Group: D

Ecological site: R070BB006NM - Gyp Upland

Hydric soil rating: No

Minor Components

Cottonwood

Percent of map unit: 5 percent

Ecological site: R070BC033NM - Salty Bottomland

Hydric soil rating: No

Rock outcrop

Percent of map unit: 5 percent

Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico Survey Area Data: Version 19, Sep 7, 2023

(27)

BLM Serial #:

Company Reference:

3.2 Seed Mixture for LPC Sand/Shinnery Sites

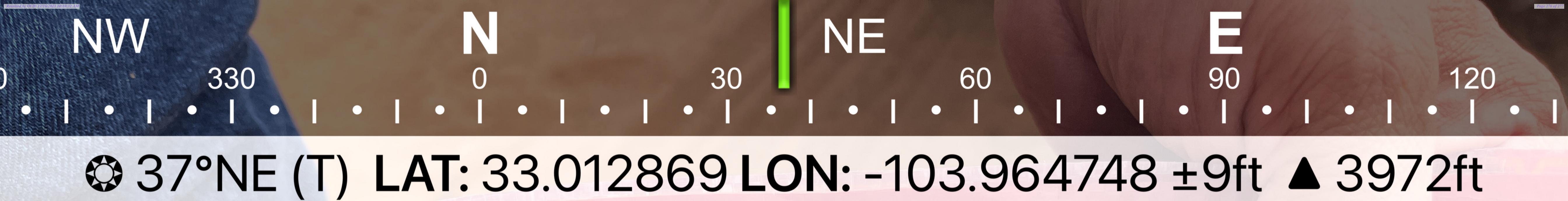
The holder shall seed all disturbed areas with the seed mixture listed below. The seed mixture shall be planted in the amounts specified in pounds of pure live seed (PLS)* per acre. There shall be <u>no</u> primary or secondary noxious weeds in the seed mixture. Seed will be tested and the viability testing of seed will be done in accordance with State law(s) and within nine (9) months prior to purchase. Commercial seed will be either certified or registered seed. The seed container will be tagged in accordance with State law(s) and available for inspection by the authorized officer.

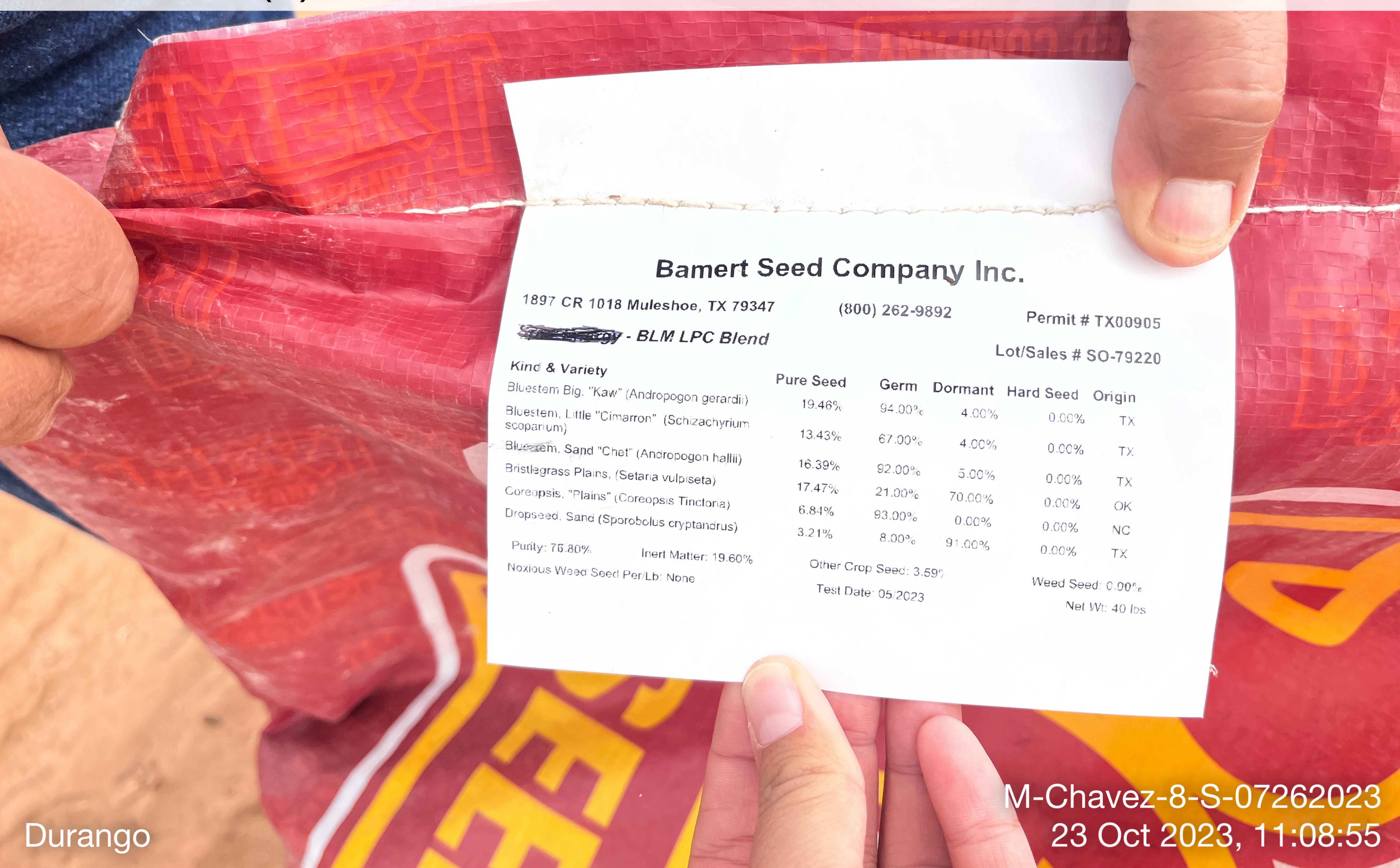
Seed will be planted using a drill equipped with a depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture will be evenly and uniformly planted over the disturbed area (smaller/heavier seeds have a tendency to drop the bottom of the drill and are planted first). The holder shall take appropriate measures to ensure this does not occur. Where drilling is not possible, seed will be broadcast and the area shall be raked or chained to cover the seed. When broadcasting the seed, the pounds per acre are to be doubled. The seeding will be repeated until a satisfactory stand is established as determined by the authorized officer. Evaluation of growth will not be made before completion of at least one full growing season after seeding.

Species to be planted in pounds of pure live seed* per acre:

<u>Species</u>	<u>lb/acre</u>
Plains Bristlegrass	5lbs/A
Sand Bluestem	5lbs/A
Little Bluestem	3lbs/A
Big Bluestem	6lbs/A
Plains Coreopsis	2lbs/A
Sand Dropseed	1lbs/A

^{*}Pounds of pure live seed: Pounds of seed **x** percent purity **x** percent germination = pounds pure live seed





District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 286353

CONDITIONS

Operator:	OGRID:
FRONTIER FIELD SERVICES, LLC	221115
10077 Grogans Mill Rd. The Woodlands, TX 77380	Action Number: 286353
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	Remediation and reclamation closure approved.	3/19/2024
amaxwell	All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeding activities, inspections, and final pictures when revegetation is achieved.	3/19/2024
amaxwell	OR Per 19.15.29.13 E. NMAC, if a reclamation and revegetation report has been submitted to the surface owner, it may be used if the requirements of the surface owner provide equal or better protection of freshwater, human health, and the environment. A copy of the approval of the reclamation and revegetation report from the surface owner and a copy of the approved reclamation and revegetation report will need to be submitted to the OCD via the Permitting website.	3/19/2024