

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



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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

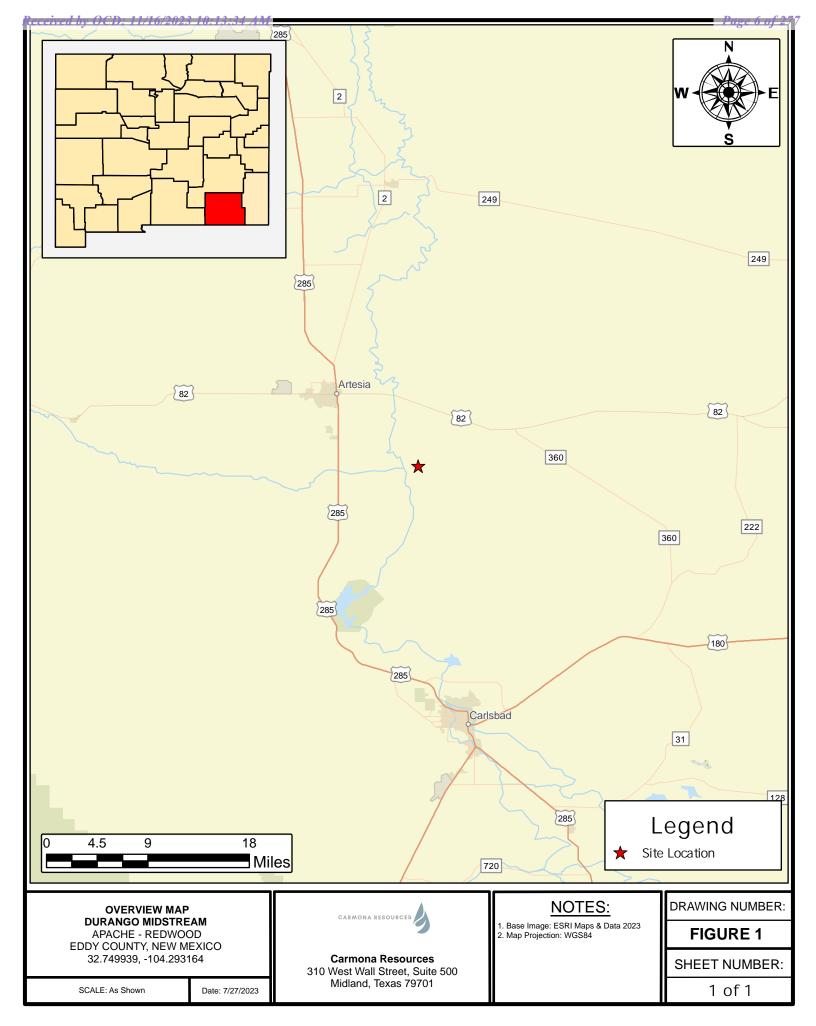
Conner Moehring Sr. Project Manager

Clinton Merritt Sr. Project Manager

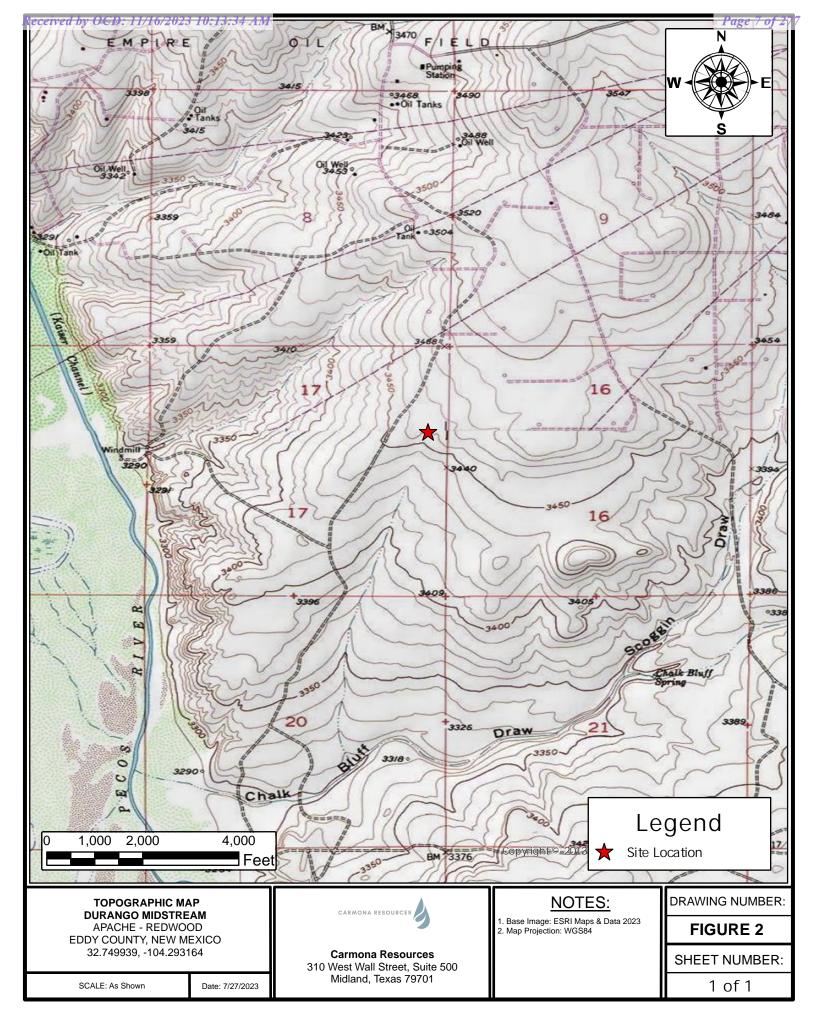
310 West Wall Street, Suite 500 Midland TX, 79701 432.813.1992



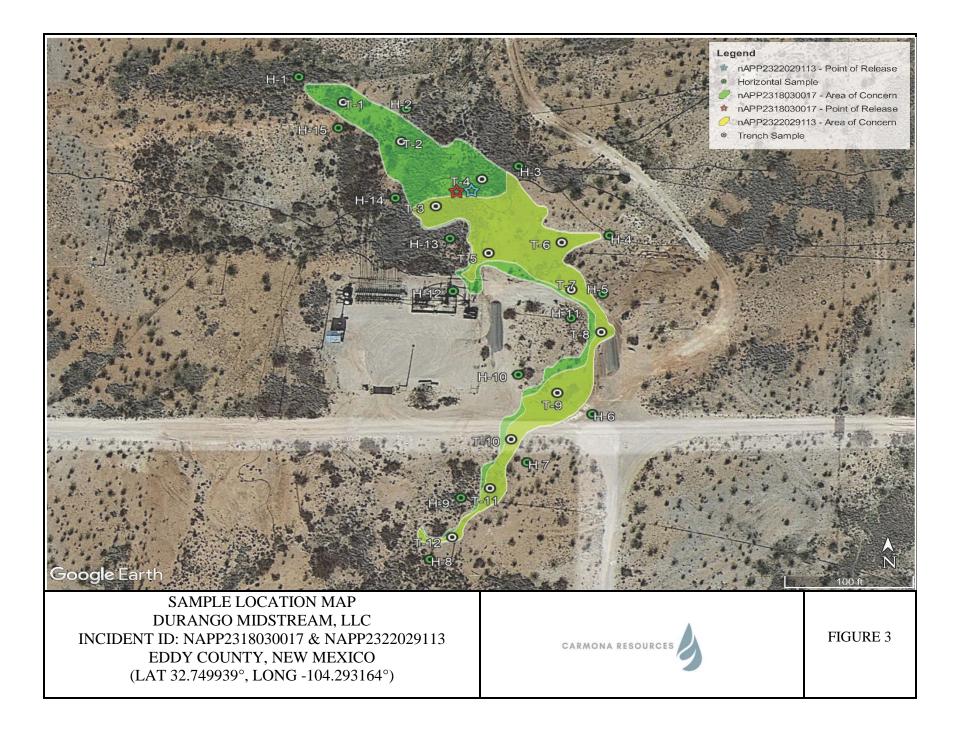


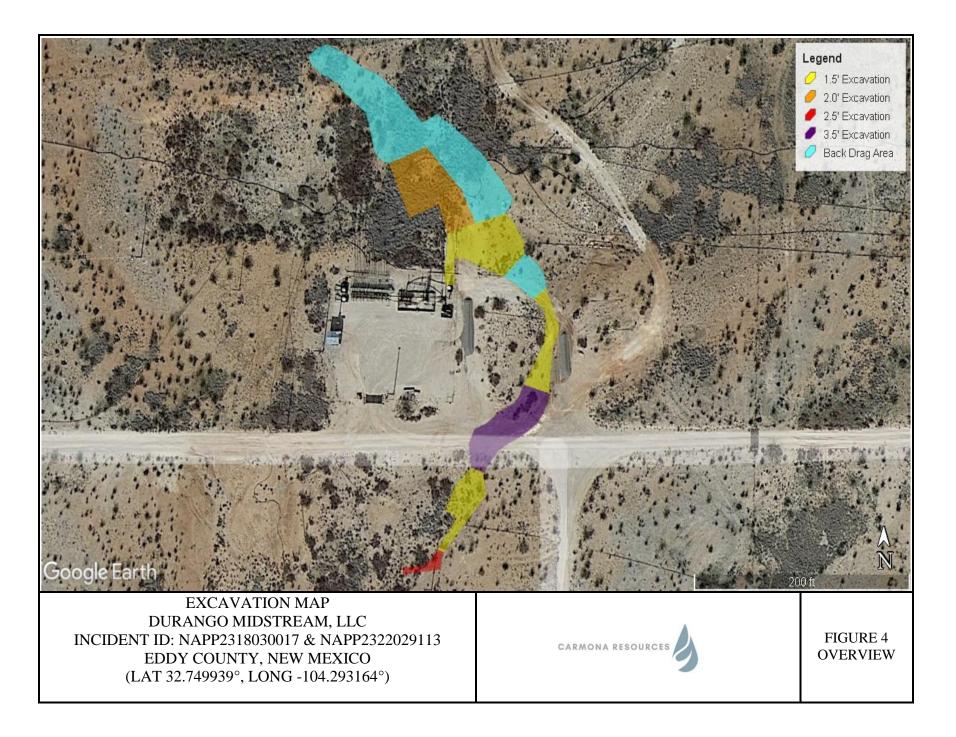


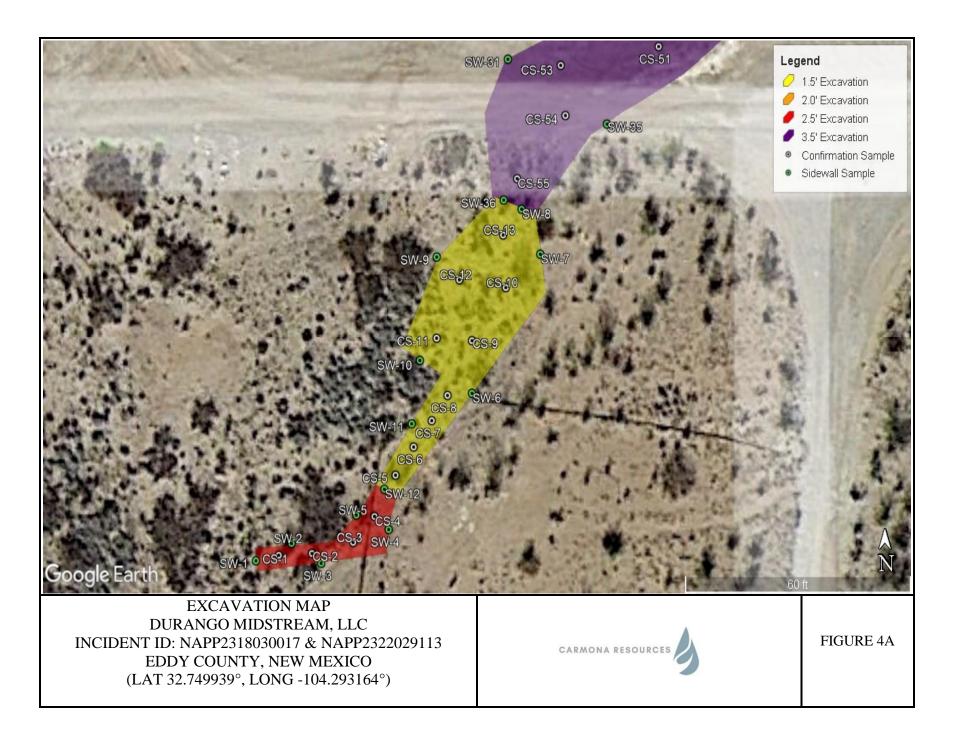
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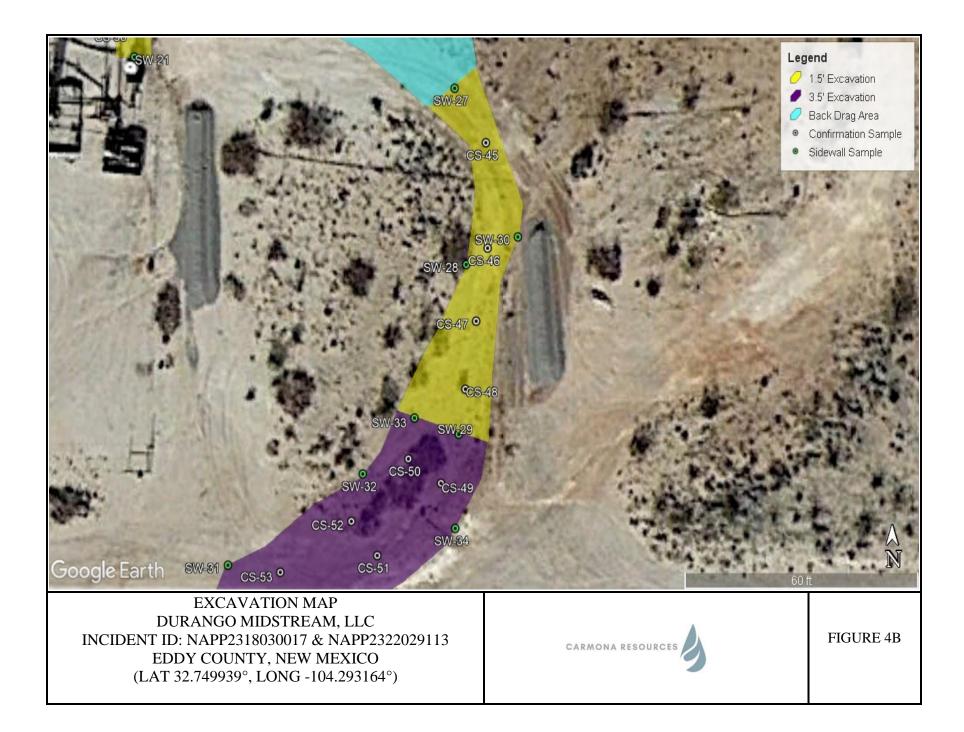


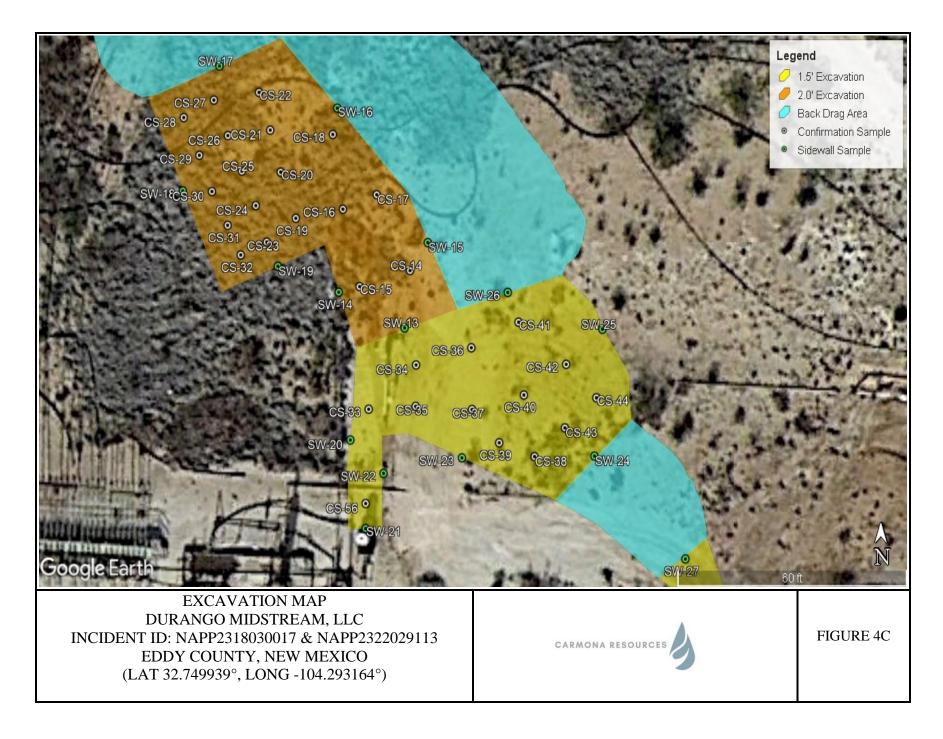
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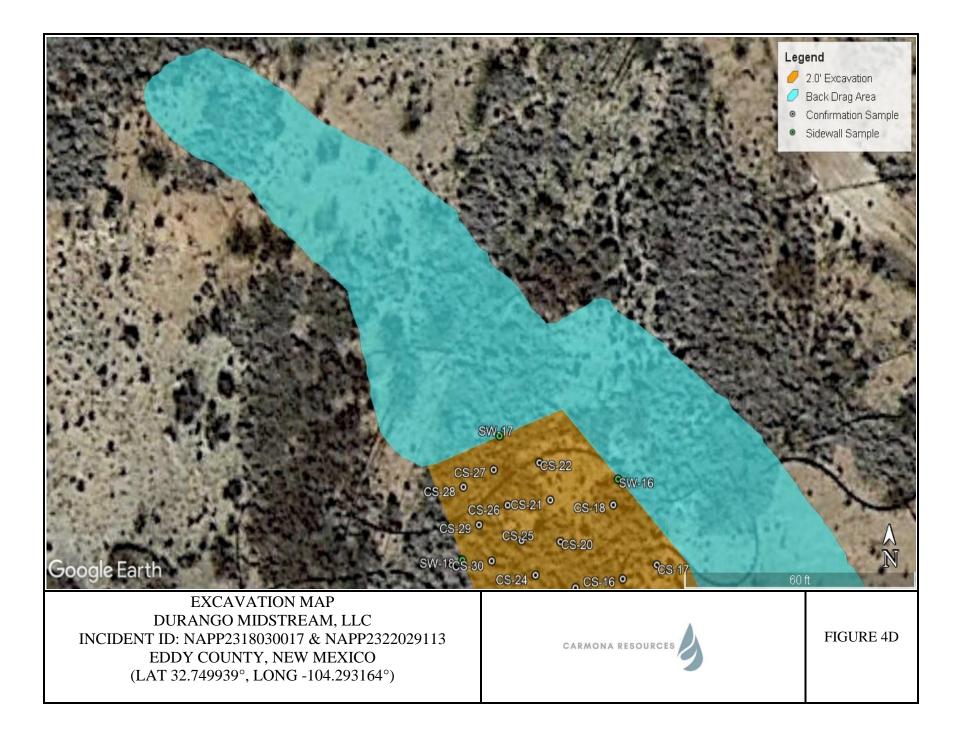


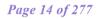


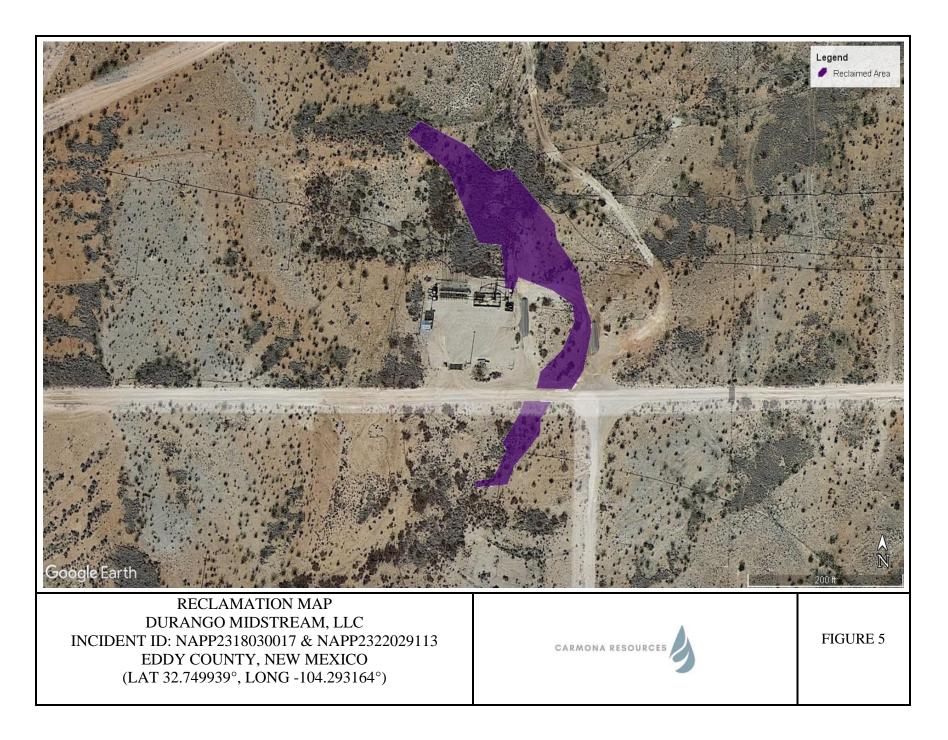












APPENDIX A



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

Sample ID	Date			TDL								
oumpic ib	Date	Depth (ft)			(mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
		Doptin (ity	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
	"	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
	"	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
	n	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
	n	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

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram TPH- Total Petroleum Hydrocarbons

ft-feet (T) Trench Sample

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

					-							
Sample ID	Date	Depth (ft)		TPF	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
eanipie is	2010	2 op ()	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
	п	3	<10.0	19.3	<10.0	19.3	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	п	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
Т-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
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	640
Т-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	<0.000	<0.050	<0.050	<0.150	<0.300	688
	"	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	<10.2	<10.0	<10.0	<0.000	<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
Regula	tory Criteria ^A					100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg
(-) N	ot Analyzed											

^A – Table 1 - 19.15.29 NMAC

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TPH- Total Petroleum Hydrocarbons

ft-feet (T) Trench Sample

Removed

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

Sample ID Date H-1 7/18/2023 H-2 7/18/2023 H-3 7/18/2023 H-4 7/18/2023	Depth (ft) (0-0.5') (0-0.5') (0-0.5')	GRO <50.3 <49.5 <50.3 <50.4	DRO <50.3 <49.5 <50.3	I (mg/kg) MR O <50.3 <49.5 <50.3	Total <50.3 <49.5	Benzene (mg/kg) <0.00200 <0.00200	Toluene (mg/kg) 0.00407 <0.00200	Ethlybenzene (mg/kg) <0.00200 <0.00200	Xylene (mg/kg) <0.00401 <0.00399	Total BTEX (mg/kg) 0.00407 <0.00399	Chloride (mg/kg) 168
H-1 7/18/2023 H-2 7/18/2023 H-3 7/18/2023	(0-0.5') (0-0.5') (0-0.5') (0-0.5')	<50.3 <49.5 <50.3	<50.3 <49.5 <50.3	<50.3 <49.5	<50.3 <49.5	<0.00200	0.00407	<0.00200	<0.00401	0.00407	168
H-2 7/18/2023 H-3 7/18/2023	(0-0.5') (0-0.5') (0-0.5')	<49.5 <50.3	<49.5 <50.3	<49.5	<49.5						
H-3 7/18/2023	(0-0.5')	<50.3	<50.3	l		<0.00200	< 0.00200	<0.00200	<0.00399	<0.00300	405
	(0-0.5')			<50.3					.0.00000	<0.00399	195
H-4 7/18/2023	,	<50.4			<50.3	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	122
	1	L	<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	(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	(0-0.5')	<50.2	801	82.2	883	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	246
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
Regulatory Criteria ^A (-) Not 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 (H) Horizontals

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

					-	ounty, new n		_		_		
Sample ID	Date	Depth (ft)			l (mg/kg)		Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
CS-1	9/21/2023	2.5	GRO <10.0	DRO <10.0	MRO <10.0	Total <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
	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

Released to Imaging: 3/19/2024 7:52:39 AM

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

Eddy County, New Mexico												
Sample ID	Date	Depth (ft)		TPF	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
	Date	Deptil (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
03-41	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
	o <i>ry Criteria ^A</i> t 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

Removed

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

Sample ID	Date	Dopth (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
	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

(SW) Sidewall Sample

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

Sample ID	Date	Domth (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-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
	<i>ry Criteria^A</i> 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

(SW) Sidewall Sample

APPENDIX B



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

Eddy County, New Mexico County:

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.







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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.





- 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



32.749939

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

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Incident ID	nAPP2318030017
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	Frontier Field Services	OGRID 221115		
Contact Name	Lupe Carrasco	Contact Telephone 575-725-0787		
Contact email	gcarrasco@durangomidstream.com	Incident # (assigned by OCD) nAPP2318030017		
Contact mailing address 47 Conoco Rd. Maljamar, NM 88264				

Location of Release Source

Latitude

Longitude -104.293164 (NAD 83 in decimal degrees to 5 decimal places)

Site Name 8" poly Apache's R4 Satellite/Redwood's Pecos Valley E Meter	Site Type Pipeline
Date Release Discovered 6/28/23	API# (if applicable)

Unit Letter	Section	Township	Range	County	
н	17	18S	27E	Eddy	

Surface Owner: State Federal Tribal Private (Name: _

Nature and Volume of Release

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

Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
Produced Water	Volume Released (bbls) 21	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No
X Condensate	Volume Released (bbls)	Volume Recovered (bbls) 0
Natural Gas	Volume Released (Mcf) 1127.28	Volume Recovered (Mcf) 0
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
Cause of Release		

Cause of Release

8" SDR 17 line leak due to line deterioration

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 \mathbf{x} The impacted area has been secured to protect human health and the environment.

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

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

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

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

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

Printed Name: Lupe Carrasco	Title: Sr. Environmental Specialist
Signature: <i>Lupe Carrasco</i>	Date:6/29/23
email: gcarrasco@durangomidstream.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 l	8" SDR 17 poly line from the Apache's R4 and Redwood's Pecos valley E.				
Area of Hole in Pipe:	8	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				
Constan	ts					
Temperature at standard conditions:	60	Deg. F				
Pressure at standard conditions:	14.7					

remperature at stanuaru conultions.	60	Deg. r
Pressure at standard conditions:	14.7	PSIA
Volume of Gas - Actual Conditions	1,127.28	MACF
Volume of Gas - Standard Conditions	4,922.77	MSCF

Notes
Entered by user
Calculated Value
Constant

Note:



Liquid Release Volume Calculator								
Date: Site or Line Name:	8"	6/28/2023 8" SDR poly line from Apache's R4 and Redwood's Pecos valley E.						
Soil Type	Porosity	Length	Width	Depth (.083 per inch)	Cubic Feet Estimated 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	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) 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

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Submit to appropriate OCD District office

)

Incident ID	nAPP2322029113
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	Frontier Field Services	OGRID 221115
Contact Name	Lupe Carrasco	Contact Telephone 575-725-0787
Contact email	gcarrasco@durangomidstream.com	Incident # (assigned by OCD) nAPP2322029113
Contact mailing add	^{ress} 47 Conoco Rd. Maljamar, NM 8	38264

Location of Release Source

Latitude 32.7501070

Longitude <u>-104.2931440</u>

(NAD 83 in decimal degrees to 5 decimal places)

Site Name ABO-Redwood Pecks-8-P08082023			08082023	Site Type Pipeline	
Date Release Discovered 08/07/2023)23	API# (if applicable)	
Unit Letter Section Township Range			Range	County	7
Н	17	18S	27E	Eddy	

Surface Owner: State X Federal Tribal Private (Name:

Nature and Volume of Release

Materi	ial(s) Released (Select all that apply and attach calculations or specif	fic justification for the volumes provided below)
Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No
X Condensate	Volume Released (bbls) 15	Volume Recovered (bbls) 0
X Natural Gas	Volume Released (Mcf) 24,853	Volume Recovered (Mcf) 0
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
Cause of Release H	igh pressure threshold and extremely hot temp	eratures causing SDR17 poly line to rupture.

	23 10:13:34 AM State of New Mexico)		Page 33 of
ge 2	Oil Conservation Divis		Incident ID District RP	nAPP2322029113
			Facility ID	
			Application ID	
Was this a major	If YES, for what reason(s) does the	responsible party conside	er this a major release?	
release as defined by	>500 mcf			
19.15.29.7(A) NMAC?				
🗶 Yes 🗌 No				
If YES, was immediate n	otice given to the OCD? By whom?	To whom? When and by	what means (phone, e	email, etc)?
NMOCD P	ortal			
	Initi	al Response		
The more engilie	party must undertake the following actions im	-	the analytic har and that would	d
The responsible	party must undertake the jollowing actions ind	nealalely unless they could cred	në a sajety nazara that would	a result in injury
The source of the rel	ease has been stopped.			
	as been secured to protect human heal	th and the environment		
	-			4 4
		1.1 1 1 4		
	ave been contained via the use of bern	-		it devices.
X All free liquids and r	ecoverable materials have been remo	ved and managed appropr		it devices.
X All free liquids and r		ved and managed appropr		it devices.
X All free liquids and r	ecoverable materials have been remo	ved and managed appropr		
X All free liquids and r	ecoverable materials have been remo	ved and managed appropr		
X All free liquids and r	ecoverable materials have been remo	ved and managed appropr		
X All free liquids and r	ecoverable materials have been remo	ved and managed appropr		
All free liquids and r If all the actions describe	ecoverable materials have been remo d above have <u>not</u> been undertaken, ex	ved and managed appropr	iately.	
X All free liquids and r If all the actions describe Per 19.15.29.8 B. (4) NM	ecoverable materials have been remo d above have <u>not</u> been undertaken, ex AC the responsible party may comm	ved and managed appropri- plain why: ence remediation immedi	iately. ately after discovery o	f a release. If remediation
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All free liquids and r If all the actions describe Per 19.15.29.8 B. (4) NM has begun, please attach within a lined containmer I hereby certify that the info	ecoverable materials have been removed above have <u>not</u> been undertaken, ex Ad above have <u>not</u> been undertaken, ex AC the responsible party may comment a narrative of actions to date. If ren nt area (see 19.15.29.11(A)(5)(a) NM permation given above is true and complete	ved and managed appropri- plain why: ence remediation immedia hedial efforts have been s AC), please attach all info	iately. ately after discovery o uccessfully completed ormation needed for clo e and understand that pur	f a release. If remediation l or if the release occurred osure evaluation. rsuant to OCD rules and
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•



Liquid Release Volume Calculator							
Date:							
Site or Line Name:		ABO-Pecks Valley E - 8" Poly Line					
Soil Type	Durit Estimated						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 Volume Calculator					
Date:		8/7/2023			
Site or Line Name:	ABO-Pecks Valley E - 8" Poly Line				
Area of Hole in Pipe:	12	12 square inches			
Absolute Pressure:	91.7	91.7 psia - absolute pressure (psia = psig gauge pressure + 14.7)			
Duration of Release:	180.00	180.00 minutes			
Actual Temperature:	118.2 Degrees F				
Representative Gas Analysis	Please attach or email a representative gas analysis				
Constants	Constants				
Temperature at standard conditions:	60	Deg. F			
Pressure at standard conditions:	14.7 PSIA				

MACF

MSCF

4,430.21

24,852.72

Notes
Entered by user
Calculated Value
Constant

Volume of Gas - Actual Conditions

Volume of Gas - Standard Conditions

Note:

Received by OCD: 11/16/2023 10:13:34 AM Form C-141 State of New Mexico

Page 3

Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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Site Assessment/Characterization

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

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

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

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

Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
Field data
Data table of soil contaminant concentration data
Depth to water determination
Determination of water sources and significant watercourses within 1/2-mile of the lateral extents of the release
Boring or excavation logs
Photographs including date and GIS information
Topographic/Aerial maps

Laboratory data including chain of custody

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

	10:13:34 AM State of New Mexico			Page 37 Incident ID			
Page 4	Oil Conservation Division			District RP Facility ID Application ID			
regulations all operators are requi public health or the environment. failed to adequately investigate ar addition, OCD acceptance of a C- and/or regulations.	on given above is true and complete to the bes red to report and/or file certain release notifica The acceptance of a C-141 report by the OCI ad remediate contamination that pose a threat to 141 report does not relieve the operator of res	ations and D does r to groun ponsibi	nd perform co not relieve the dwater, surfa- lity for compl	rrective actions for rele operator of liability sho ce water, human health iance with any other fee	eases which may endanger ould their operations have or the environment. In deral, state, or local laws		
			11/16/23				
email:							
OCD Only Received by: <u>Shelly Wells</u>		Ι	Date: <u>11/16/</u>	2023			

Page 6

Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

<u>Closure Report Attachment Checklist</u>: Each of the following it	tems must be included in the closure report.						
A scaled site and sampling diagram as described in 19.15.29.1							
Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office							
must be notified 2 days prior to liner inspection)							
Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)							
Description of remediation activities							
* Original gas volumes should be amended to 10.34 MCF (r	nAPP2322029113) and 8.05 MCF (nAPP2318030017).						
hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, numan health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially estore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.							
Printed Name:							
Signature: Lups Carrasco	Date:						
email:	Telephone:						
OCD Only							
Received by: <u>Shelly Wells</u>	Date: <u>11/16/2023</u>						
Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.							
Closure Approved by:	Date:						
Printed Name:	Title:						

Released to Imaging: 3/19/2024 7:52:39 AM

Conner Moehring

From:	Rodgers, Scott, EMNRD <scott.rodgers@emnrd.nm.gov></scott.rodgers@emnrd.nm.gov>
Sent:	Friday, September 15, 2023 11:53 AM
То:	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 | <u>scott.rodgers@emnrd.nm.gov</u> http://www.emnrd.nm.gov/ocd



From: Clint Merritt <MerrittC@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 Received by OCD: 11/16/2023 10:13:34 AM

Clinton Merritt 310 West Wall Street, Suite 500 Midland TX, 79701 M: 432-813-9044 MerrittC@carmonaresources.com



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APPENDIX D



-10-10-1

8" POLY APACHE'S R4 SATELLITE/REDWOOD'S PECOS VALL (06.28.2023)

Legend

- locitie Adius 0.50 Mile Radius
- line 2.01 Miles
- 🍰 2.10 Miles 🍰 2.10 Miles
- 8" POLY APACHE'S R4 SATELLITE/REDWOOD'S PECOS VALL (06.28.2023)

4000 ft

Page 42 of 277

- NMSEO Water Well
- USGS Water Well

31.73' - Drilled 1999 - 50' - Drilled 1958 💿

•8" POLY APACHE'S R4 SATELLITE/REDWOOD'S PECOS VALL (06.28.2023)

Google Earth Released to Imaging: 3/19/2024 7:52:39 AM mage © 2023 Airbus 8" POLY APACHE'S R4 SATELLITE/REDWOOD'S PECOS VALL (06.28.2023)

🥖 High

Legend

🥖 Medium

∧ N

•

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	(R=POD has been replaced, O=orphaned,													
& no longer serves a water right file.)	C=the file is closed)		•					2=NE 3 at to lar	3=SW 4=SE gest) (N	i) AD83 UTM in me	eters)	(In feet)	
	POD Sub-		Q	Q	Q							Depth	Depth	Water
POD Number	Code basin Co	ounty	64	16	4	Sec	Tws	Rng	Х	Y	Distance	-	-	Column
RA 03714	RA	СН	4	4	2	08	18S	27E	566212	3625253* 🌍	1467	381		
RA 04298	RA	ED		1	2	19	18S	27E	564082	3622523* 🌍	2479	92		
RA 04211	RA	СН		3	1	28	18S	27E	566512	3620562* 🌍	3237	120	100	20
RA 03917	RA	LE	4	1	2	10	18S	27E	569019	3625660* 🌍	3371	130	50	80
RA 12280 POD3	RA	ED	4	4	2	30	18S	27E	564647	3620494 🌍	3646	29	17	12
RA 06091	RA	ED	1	2	3	29	18S	27E	565211	3620222* 🌍	3702	90	17	73
RA 12280 POD1	RA	ED	1	4	2	30	18S	27E	564352	3620584 🌍	3704	25	13	12
RA 12280 POD2	RA	ED	3	4	2	30	18S	27E	564502	3620428 🌍	3769	25	18	7
RA 03409	RA	ED	1	4	2	24	18S	26E	562763	3622210* 🌍	3795	175	18	157
										Avera	ge Depth to	Water:	33	feet
											Minimum	Depth:	13	feet
											Maximum	Depth:	100	feet
Record Count: 0														

Record Count: 9

UTMNAD83 Radius Search (in meters):

Easting (X): 566216

Northing (Y): 3623786

Radius: 4000

*UTM location was derived from PLSS - see Help

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

Page 44 of 277



New Mexico Office of the State Engineer Point of Diversion Summary

			(quarters								
			(quarters	s are sma	llest to	o largest)	(NAD83 U	(NAD83 UTM in meters)			
Well Tag	POD	Number	Q64 Q1	16 Q4	Sec	Tws	Rng	X	Y		
	RA (04211	2	3 1	28	18S	27E	566512	3620562* 🧧		
x Driller Lic	ense:	Driller C	ompan	ıy:	WE	PUMP &	SUPPLY				
Driller Na	me:										
Drill Start Date: 05/23/1960			Drill Fini	ish Dat	e:	05/24/1960			Plug Date:		
Log File D	ate:	05/24/1960	PCW Rev	v Date:	:		S	ource:	Shallow		
Pump Typ	e:		Pipe Disc	harge	Size:			Ε	stimated Yield		
Casing Siz	e:	7.00	Depth W	ell:		12	20 feet	D	epth Water:	100 feet	
х	Wate	er Bearing Stratif	ications:	То	p I	Bottom	Desci	ription			
				11	0	120	Lime	stone/Dolo	mite/Chalk		
Х		Casing Per	forations:	rations: Top			l				
				10)2	120)				
X											

*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.

6/30/23 9:05 AM

POINT OF DIVERSION SUMMARY



		(quarte	ers are	1=NV	W 2=N	E 3=SV	V 4=SE)				
		(quar	ters are	e sma	llest to	largest)	(NAD83 U	(NAD83 UTM in meters)		
Well Tag PO	D Number	Q64	Q16	Q4	Sec	Tws	Rng	Х	Y		
RA	03917	4	1	2	10	18S	27E	569019	3625660* 🧧		
^x Driller License:	111	Driller	Com	pan	ıy:	BU	RKE, E	DWARD B			
Driller Name:											
Drill Start Date	: 07/31/1958	Drill Fi	inish	Dat	te:	0	7/31/19	58 Pl	ug Date:		
Log File Date:	08/06/1958	PCW F	Rev D	ate	•			Se	ource:	Artesian	
Pump Type:		Pipe Di	ischa	rge	Size:			E	stimated Yield	:	
Casing Size:		Depth '	Well:			1	30 feet	D	epth 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, usability, or suitability for any particular purpose of the data.

6/30/23 9:10 AM

POINT OF DIVERSION SUMMARY

Groundwater V New Mexico V GO	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
-------------------------------	------	------	-------------------------------------------	------------------------	-----------------------------------------------------	-------------------------------------------------------------------	---------------------------------	-------------

Click to hideNews Bulletins

- Explore the NEW <u>USGS National Water Dashboard</u> 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

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 aquifers (N9999OTHER) national aquifer. This well is completed in the Artesia Group (313ARTS) local aquifer.

Output formats

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

Date	Time	? Water- level date- time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source (measur(
1961-12-28		D	62610		3430.16	NGVD29	1	Z		
1961-12-28		D	62611		3431.72	NAVD88	1	Z		
1961-12-28		D	72019	47.28			1	Z		
1962-01-04		D	62610		3430.13	NGVD29	1	Z		
1962-01-04		D	62611		3431.69	NAVD88	1	Z		
1962-01-04		D	72019	47.31			1	Z		
1963-01-07		D	62610		3428.69	NGVD29	1	Z		
1963-01-07		D	62611		3430.25	NAVD88	1	Z		
1963-01-07		D	72019	48.75			1	Z		
1963-07-23		D	62610		3429.23	NGVD29	1	Z		
1963-07-23		D	62611		3430.79	NAVD88	1	Z		
1963-07-23		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		

USGS Groundwater for New Mexico: Water Levels -- 1 sites

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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
1963-08-30	D	72019	48.28			1	Z	
1963-09-04	D	62610	40.20	3431.85	NGVD29	1	Z	
1963-09-04	D	62611		3433.41		1	Z	
1963-09-04	D	72019	45.59	5155.11		1	Z	
1963-10-01	D	62610	13135	3431.71	NGVD29	1	Z	
1963-10-01	D	62611		3433.27		1	Z	
1963-10-01	D	72019	45.73			1	Z	
1963-11-22	D	62610		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		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.							

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USGS Groundwater for New Mexico: Water Levels -- 1 sites

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C A H D E SWater-level date-time accuracyParameter codelevel, feet below and surfacelevel, feet above specific vertical datumvertical datumStatus

Accessibility Privacy Policies and Notices FOIA 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?

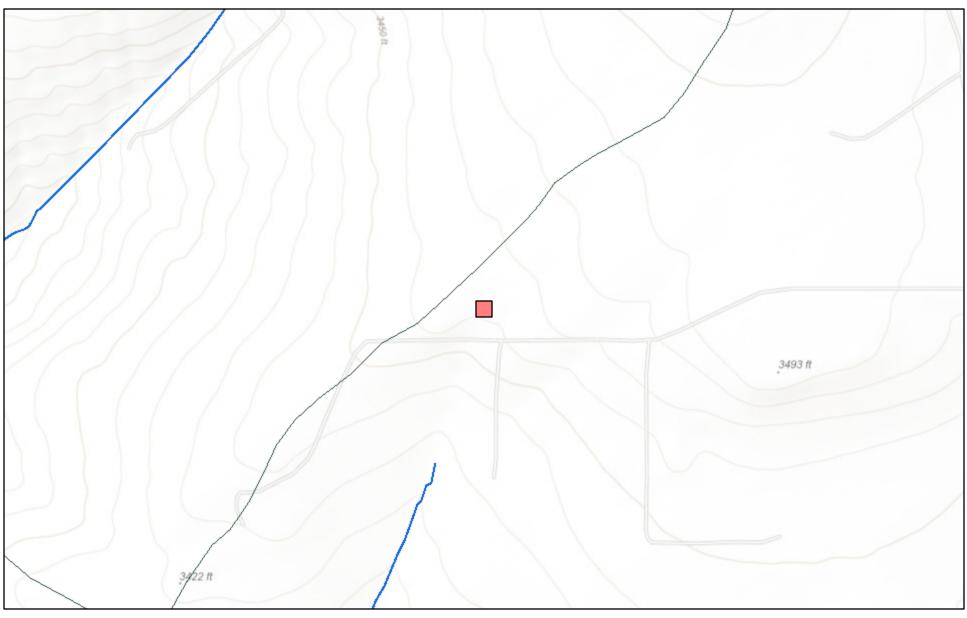
USA.gov

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

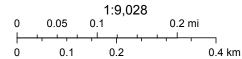
0.29 0.24 nadww02

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New Mexico NFHL Data







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

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APPENDIX E



Received by OCD: 11/16/2023 10:13:34 AM



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

AMER

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

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

Eurofins Midland is a laboratory within Eurofins Environment Testing South Central, LLC, a company within Eurofins Environment Testing Group of Companies

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

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Certification Summary	34
Method Summary	35
Sample Summary	36
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Definitions/Glossary

Client: Carmona Resources Project/Site: Apache-Redwood

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

	,,,
Qualifiers	
GC VOA	
Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
GC Semi VOA	
Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.
HPLC/IC	
Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
Glossary	
Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤ W D	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 DER	Contains No Free Liquid Dunlicate Error Ratio (normalized absolute difference)
DER Dil Fac	Duplicate Error Ratio (normalized absolute difference)
DII Fac DL	Dilution Factor
DL, RA, RE, IN	Detection Limit (DoD/DOE) Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DL, RA, RE, IN DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)

- RPD Relative Percent Difference, a measure of the relative difference between two points
- TEF Toxicity Equivalent Factor (Dioxin)
- TEQ Toxicity Equivalent Quotient (Dioxin)
- TNTC Too Numerous To Count

4

Job ID: 880-30945-1

Client: Carmona Resources Project/Site: Apache-Redwood

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.

Client Sample Results

Client: Carmona Resources

Project/Site: Apache-Redwood

Client Sample ID: H-1 (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
Benzene	<0.00200	U	0.00200		mg/Kg		07/25/23 13:51	07/26/23 00:18	
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
n-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
Kylenes, 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
1-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 - To	otal BTEX Calo	culation							
nalyte	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 - Diese									
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
otal TPH	<50.3	U	50.3		mg/Kg			07/31/23 16:05	1
Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics GRO)-C6-C10	<50.3	U	50.3		mg/Kg		07/26/23 09:28	07/28/23 20:48	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		07/26/23 09:28	07/28/23 20:48	1
Oll Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		07/26/23 09:28	07/28/23 20:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				07/26/23 09:28	07/28/23 20:48	1
p-Terphenyl	117		70 - 130				07/26/23 09:28	07/28/23 20:48	1
Method: EPA 300.0 - Anions, Ion	Chromatograp	ohy - Solubl	e						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	168		25.0		mg/Kg			07/22/23 04:27	5
lient Sample ID: H-2 (0-0.5')							Lab Sam	ple ID: 880-3	0945-2
ate Collected: 07/18/23 00:00								Matri	x: Solid
ate Received: 07/19/23 10:47									
Method: SW846 8021B - Volatile	Organic Comp	ounds (GC)							
	• •	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte	• •	Qualifier		MDL	Unit mg/Kg	<u>D</u>	Prepared 07/25/23 13:51	Analyzed 07/26/23 00:39	
Method: SW846 8021B - Volatile (Analyte Benzene Foluene	Result	Qualifier	RL	MDL		<u>D</u>			Dil Fac

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
Surrogate 4-Bromofluorobenzene (Surr)	%Recovery 113	Qualifier	Limits 70 - 130		Prepared 07/25/23 13:51	Analyzed 07/26/23 00:39	Dil Fac 1

Eurofins Midland

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

Lab Sample ID: 880-30945-1

Matrix: Solid

5

Released to Imaging: 3/19/2024 7:52:39 AM

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Client Sample Results

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

Lab Sample ID: 880-30945-2

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

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

Project/Site: Apache-Redwood

Client: Carmona Resources

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	I 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 - Solubl	e						
Analyte	• •	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	195		5.00		mg/Kg			07/24/23 11:51	1

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

Date Collected: 07/18/23 00:00

Lab Sample ID: 880-30945-3 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
1,4-Difluorobenzene (Surr)	109		70 - 130				07/25/23 13:51	07/26/23 01:00	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			07/26/23 09:30	1
Method: SW846 8015 NM - Dies	el Range Organ	ics (DRO) (C	SC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			07/31/23 16:05	1
- Method: SW846 8015B NM - Die	esel Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.3	U	50.3		mg/Kg		07/26/23 09:28	07/28/23 22:14	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.3	U	50.3		mg/Kg		07/26/23 09:28	07/28/23 22:14	1
C10-C28)									

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Job ID: 880-30945-1 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

Client: Carmona Resources

Project/Site: Apache-Redwood

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, Ic	on Chromatograp	ohy - Solubl	e						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	122		4.96		mg/Kg			07/24/23 11:56	
ate Collected: 07/18/23 00:00 ate Received: 07/19/23 10:47							Lab Sam	•	
ate Collected: 07/18/23 00:00 ate Received: 07/19/23 10:47 Method: SW846 8021B - Volatil	e Organic Comp							Matri	x: Solic
ate Collected: 07/18/23 00:00 ate Received: 07/19/23 10:47 Method: SW846 8021B - Volatil Analyte	e Organic Comp	Qualifier	RL	MDL	Unit	D	Prepared	Matri	x: Solic
ate Collected: 07/18/23 00:00 ate Received: 07/19/23 10:47 Method: SW846 8021B - Volatil Analyte Benzene	e Organic Comp	Qualifier U	RL 0.00201	MDL	mg/Kg	<u>D</u>	Prepared 07/25/23 13:51	Matri Analyzed 07/26/23 01:20	x: Solic
ate Collected: 07/18/23 00:00 ate Received: 07/19/23 10:47 Method: SW846 8021B - Volatil Analyte Benzene Toluene	le Organic Comp 	Qualifier U U	RL 0.00201 0.00201	MDL	mg/Kg mg/Kg	<u>D</u>	Prepared 07/25/23 13:51 07/25/23 13:51	Matri Analyzed 07/26/23 01:20 07/26/23 01:20	x: Solic
ate Collected: 07/18/23 00:00 ate Received: 07/19/23 10:47 Method: SW846 8021B - Volatil Analyte Benzene Toluene Ethylbenzene	le Organic Comp Result <0.00201 <0.00201 <0.00201	Qualifier U U U	RL 0.00201 0.00201 0.00201	MDL	mg/Kg mg/Kg mg/Kg	<u>D</u>	Prepared 07/25/23 13:51 07/25/23 13:51 07/25/23 13:51	Matri <u>Analyzed</u> 07/26/23 01:20 07/26/23 01:20 07/26/23 01:20	x: Solic
ate Collected: 07/18/23 00:00 ate Received: 07/19/23 10:47 Method: SW846 8021B - Volatil Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene	e Organic Comp Result <0.00201 <0.00201 <0.00201 <0.00201 <0.00402	Qualifier U U U U U	RL 0.00201 0.00201 0.00201 0.00201 0.00201	MDL	mg/Kg mg/Kg mg/Kg mg/Kg	<u> </u>	Prepared 07/25/23 13:51 07/25/23 13:51 07/25/23 13:51 07/25/23 13:51	Matri Analyzed 07/26/23 01:20 07/26/23 01:20 07/26/23 01:20 07/26/23 01:20	x: Solic
ate Collected: 07/18/23 00:00 ate Received: 07/19/23 10:47 Method: SW846 8021B - Volatil Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene	le Organic Comp Result <0.00201 <0.00201 <0.00201	Qualifier U U U U U	RL 0.00201 0.00201 0.00201	MDL	mg/Kg mg/Kg mg/Kg	<u>D</u>	Prepared 07/25/23 13:51 07/25/23 13:51 07/25/23 13:51 07/25/23 13:51 07/25/23 13:51	Matri <u>Analyzed</u> 07/26/23 01:20 07/26/23 01:20 07/26/23 01:20	x: Solid
ate Collected: 07/18/23 00:00 ate Received: 07/19/23 10:47 Method: SW846 8021B - Volatil Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene	e Organic Comp Result <0.00201 <0.00201 <0.00201 <0.00201 <0.00402	Qualifier U U U U U U	RL 0.00201 0.00201 0.00201 0.00201 0.00201	MDL	mg/Kg mg/Kg mg/Kg mg/Kg	<u>D</u>	Prepared 07/25/23 13:51 07/25/23 13:51 07/25/23 13:51 07/25/23 13:51	Matri Analyzed 07/26/23 01:20 07/26/23 01:20 07/26/23 01:20 07/26/23 01:20	x: Solic
ate Collected: 07/18/23 00:00 ate Received: 07/19/23 10:47 Method: SW846 8021B - Volatil Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene Xylenes, Total	e Organic Comp Result <0.00201 <0.00201 <0.00201 <0.00402 <0.00402 <0.00201	Qualifier U U U U U U U	RL 0.00201 0.00201 0.00201 0.00402 0.00201	MDL	mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg	<u> </u>	Prepared 07/25/23 13:51 07/25/23 13:51 07/25/23 13:51 07/25/23 13:51 07/25/23 13:51	Matri Analyzed 07/26/23 01:20 07/26/23 01:20 07/26/23 01:20 07/26/23 01:20 07/26/23 01:20	2011 Fac
Client Sample ID: H-4 (0-0. Date Collected: 07/18/23 00:00 Date Received: 07/19/23 10:47 Method: SW846 8021B - Volatil Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene Xylenes, Total Surrogate 4-Bromofluorobenzene (Surr)	le Organic Comp Result <0.00201 <0.00201 <0.00201 <0.00402 <0.00201 <0.00402	Qualifier U U U U U U U	RL 0.00201 0.00201 0.00201 0.00201 0.00402 0.00201 0.00201	MDL	mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg	<u> </u>	Prepared 07/25/23 13:51 07/25/23 13:51 07/25/23 13:51 07/25/23 13:51 07/25/23 13:51 07/25/23 13:51	Matri Analyzed 07/26/23 01:20 07/26/23 01:20 07/26/23 01:20 07/26/23 01:20 07/26/23 01:20 07/26/23 01:20	2011 Fac

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			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	<50.4	U	50.4		mg/Kg			07/31/23 16:05	1

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	07/28/23 22:36	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.4	U	50.4		mg/Kg		07/26/23 09:28	07/28/23 22:36	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		07/26/23 09:28	07/28/23 22:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	133	S1+	70 - 130				07/26/23 09:28	07/28/23 22:36	1
o-Terphenyl	156	S1+	70 - 130				07/26/23 09:28	07/28/23 22:36	1
Method: EPA 300.0 - Anions, Ion	Chromatograp	ohy - Solubl	e						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	47.9		5.01		mg/Kg			07/22/23 04:52	1

Client Sample Results

Client: Carmona Resources 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

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
thylbenzene	<0.00202	U	0.00202		mg/Kg		07/25/23 13:51	07/26/23 01:41	1
n-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
Kylenes, 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
-Bromofluorobenzene (Surr)	114		70 - 130				07/25/23 13:51	07/26/23 01:41	1
1,4-Difluorobenzene (Surr)	108		70 - 130				07/25/23 13:51	07/26/23 01:41	1
Method: TAL SOP Total BTEX - T									
nalyte		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 - Diese	I Range Organ	ics (DRO) (GC)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
otal TPH	<49.7	U	49.7		mg/Kg			07/31/23 16:05	1
Aethod: SW846 8015B NM - Dies	sel Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Gasoline Range Organics GRO)-C6-C10	<49.7	U	49.7		mg/Kg		07/26/23 09:28	07/28/23 22:57	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		07/26/23 09:28	07/28/23 22:57	,
Oll Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		07/26/23 09:28	07/28/23 22:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
-Chlorooctane	124		70 - 130				07/26/23 09:28	07/28/23 22:57	1
p-Terphenyl	143	S1+	70 - 130				07/26/23 09:28	07/28/23 22:57	1
Method: EPA 300.0 - Anions, Ion	Chromatograp	ohy - Solubl	e						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	591		49.9		mg/Kg			07/22/23 04:57	10
lient Sample ID: H-6 (0-0.5")						Lab Sam	ple ID: 880-3	0945-6
ate Collected: 07/18/23 00:00								Matri	x: Solid
ate Received: 07/19/23 10:47									
ate Received. 01/15/25 10:4/									
	Organic Comp	ounds (GC))						
Method: SW846 8021B - Volatile	•	ounds (GC)	RL	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Method: SW846 8021B - Volatile Analyte	•	• •	·	MDL	Unit mg/Kg	<u>D</u>	Prepared 07/25/23 13:51	Analyzed 07/26/23 02:02	
Method: SW846 8021B - Volatile Analyte Benzene Toluene	Result	Qualifier U	RL	MDL	-	<u>D</u>	<u> </u>		Dil Fac

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

Lab Sample ID: 880-30945-5

Matrix: Solid

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Released to Imaging: 3/19/2024 7:52:39 AM

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Client Sample Results

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

Lab Sample ID: 880-30945-6

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

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

Client: Carmona Resources

Project/Site: Apache-Redwood

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	I 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	el 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
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solubl	e						
Analyte	• •	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24.1		4.95		mg/Kg			07/24/23 12:01	1

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		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)			70 - 130				07/25/23 13:51	07/26/23 02:23	1
1,4-Difluorobenzene (Surr)	106		70 - 130				07/25/23 13:51	07/26/23 02:23	1

Method: TAL SOP Total BTEX - T	otal BTEX Calo	culation							
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	I Range Organ	ics (DRO) (0	GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	63.7		50.3		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	<50.3	U	50.3		mg/Kg		07/26/23 09:28	07/28/23 23:40	1
(GRO)-C6-C10									
Diesel Range Organics (Over	63.7		50.3		mg/Kg		07/26/23 09:28	07/28/23 23:40	1
C10-C28)									

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

Lab Sample ID: 880-30945-7

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

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

Client: Carmona Resources

Project/Site: Apache-Redwood

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	Chromatograp	hy - Solubl	e						
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))						Lab Sam	ple ID: 880-3	0945-8
Date Collected: 07/18/23 00:00								Matri	x: Solid

Date Received: 07/19/23 10:47

Method: SW846 8021B - Volati	le 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 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

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	I	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg				07/26/23 09:30	1

Method: SW846 8015 NM - Diesel R	ange Organi	ics (DRO) (O	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 - 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 00:01	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.4	U	50.4		mg/Kg		07/26/23 09:28	07/29/23 00:01	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		07/26/23 09:28	07/29/23 00:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130				07/26/23 09:28	07/29/23 00:01	1
o-Terphenyl	131	S1+	70 - 130				07/26/23 09:28	07/29/23 00:01	1
Method: EPA 300.0 - Anions, Ion	Chromatograp	ohy - Solubl	e						
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 Sample Results

Client: Carmona Resources

Project/Site: Apache-Redwood

Client Sample ID: H-9 (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
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
n-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
(ylenes, 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
I-Bromofluorobenzene (Surr)			70 - 130				07/25/23 13:51	07/26/23 03:04	1
,4-Difluorobenzene (Surr)	109		70 - 130				07/25/23 13:51	07/26/23 03:04	1
Method: TAL SOP Total BTEX - T	otal BTEX Calo	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
Method: SW846 8015 NM - Diese	I Range Organ	ics (DRO) (GC)						
nalyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
otal TPH	53.3		49.6		mg/Kg			07/31/23 16:05	1
/lethod: SW846 8015B NM - Dies	ol Pango Orga	nice (DPO)							
Analyte		Qualifier	RL	мы	Unit	D	Prepared	Analyzed	Dil Fac
Basoline Range Organics			49.6		mg/Kg		07/26/23 09:28	07/29/23 00:22	
GRO)-C6-C10	\$43.0	0	43.0		iiig/itg		01120/23 03.20	01123/23 00.22	
liesel Range Organics (Over	53.3		49.6		mg/Kg		07/26/23 09:28	07/29/23 00:22	
:10-C28)									
II Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		07/26/23 09:28	07/29/23 00:22	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
-Chlorooctane	120		70 - 130				07/26/23 09:28	07/29/23 00:22	1
p-Terphenyl	142	S1+	70 - 130				07/26/23 09:28	07/29/23 00:22	1
Method: EPA 300.0 - Anions, Ion	Chromatograp	ohy - Solub	le						
Analyte	Result	Qualifier	RL	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Chloride	31.0		4.96		mg/Kg			07/24/23 12:11	1
ient Sample ID: H-10 (0-0.5	;')						Lab Samp	le ID: 880-30	945-10
te Collected: 07/18/23 00:00 te Received: 07/19/23 10:47								Matri	x: Solid
Method: SW846 8021B - Volatile	Organic Comp	ounds (GC)						
		Qualifier	, RL	мрі	Unit	D	Prepared	Analyzed	Dil Fa
Analyte	Regult				O Int				

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

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

Lab Sample ID: 880-30945-9

Matrix: Solid

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Released to Imaging: 3/19/2024 7:52:39 AM

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Client Sample Results

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

Lab Sample ID: 880-30945-10

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

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

Client: Carmona Resources

Project/Site: Apache-Redwood

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	1
Method: SW846 8015 NM - Diese	Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	70.6		49.9		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 (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/23 09:28	07/29/23 00:43	1
Diesel Range Organics (Over	70.6		49.9		mg/Kg		07/26/23 09:28	07/29/23 00:43	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/26/23 09:28	07/29/23 00:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				07/26/23 09:28	07/29/23 00:43	1
o-Terphenyl	138	S1+	70 - 130				07/26/23 09:28	07/29/23 00:43	1
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solubl	e						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	32.0		5.04		mg/Kg			07/22/23 05:33	1

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

Date Collected: 07/18/23 00:00

Lab Sample ID: 880-30945-11 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 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
1,4-Difluorobenzene (Surr)	96		70 - 130				07/25/23 13:51	07/26/23 04:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Total BTEX <0.00399 U 0.00399 mg/Kg 07/26/23 09:30 1 Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC) Analyte Result Qualifier RL MDL Unit D Analyzed Dil Fac Prepared 07/31/23 16:05 50.0 **Total TPH** mg/Kg 51.4 1

Method: SW846 8015B NM - Die	sel Range Orga	nics (DRO) (GC)						26 Dil Fac
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/23 09:28	07/29/23 01:26	1
Diesel Range Organics (Over C10-C28)	51.4		50.0		mg/Kg		07/26/23 09:28	07/29/23 01:26	1

Eurofins Midland

Matrix: Solid

5

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

Lab Sample ID: 880-30945-11

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

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	Chromatograp	hy - Solubl	e						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	47.1		4.99		mg/Kg			07/22/23 05:38	1

Date Collected: 07/18/23 00:00

Date Received: 07/19/23 10:47

Method: SW846 8021B - Volati	ile Organic Comp	ounds (GC))					
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/K	g	07/25/23 13:51	07/26/23 05:11	1
Toluene	<0.00200	U	0.00200	mg/K	g	07/25/23 13:51	07/26/23 05:11	1
Ethylbenzene	<0.00200	U	0.00200	mg/K	g	07/25/23 13:51	07/26/23 05:11	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/K	g	07/25/23 13:51	07/26/23 05:11	1
o-Xylene	<0.00200	U	0.00200	mg/K	g	07/25/23 13:51	07/26/23 05:11	1
Xylenes, Total	<0.00400	U	0.00400	mg/K	g	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 Calculation

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 R	Range Organ	ics (DRO) (G	C)						
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
l	Total TPH	883		50.2		mg/Kg			07/31/23 16:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.2	U	50.2		mg/Kg		07/26/23 09:28	07/29/23 02:50	1
(GRO)-C6-C10									
Diesel Range Organics (Over	801		50.2		mg/Kg		07/26/23 09:28	07/29/23 02:50	1
C10-C28)									
Oll Range Organics (Over	82.2		50.2		mg/Kg		07/26/23 09:28	07/29/23 02:50	1
C28-C36)									
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, lo	n Chromatograp	ohy - Solubl	e						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	246		4.95		mg/Kg			07/24/23 12:16	1

Client Sample Results

Client: Carmona Resources

Project/Site: Apache-Redwood

Client Sample ID: H-13 (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 Fa
Benzene	<0.00198	U	0.00198		mg/Kg		07/25/23 13:51	07/26/23 05:32	
Toluene	<0.00198	U	0.00198		mg/Kg		07/25/23 13:51	07/26/23 05:32	
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/25/23 13:51	07/26/23 05:32	
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		07/25/23 13:51	07/26/23 05:32	
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/25/23 13:51	07/26/23 05:32	
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		07/25/23 13:51	07/26/23 05:32	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	117		70 - 130				07/25/23 13:51	07/26/23 05:32	
1,4-Difluorobenzene (Surr)	108		70 - 130				07/25/23 13:51	07/26/23 05:32	
Method: TAL SOP Total BTEX - To	otal BTEX Calo	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00396	U	0.00396		mg/Kg			07/26/23 09:30	
Method: SW846 8015 NM - Diese	Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
otal TPH	95.8		50.4		mg/Kg			07/31/23 16:05	
Method: SW846 8015B NM - Dies			(GC) RL	MDI	11 14	D	Description	A	D11 F-
Analyte	- <u>Kesuit</u> <50.4	Qualifier	50.4	MDL		<u></u>	Prepared	Analyzed 07/29/23 01:47	Dil Fa
Gasoline Range Organics GRO)-C6-C10	<50.4	U	50.4		mg/Kg		07/26/23 09:28	07/29/23 01:47	
Diesel Range Organics (Over C10-C28)	95.8		50.4		mg/Kg		07/26/23 09:28	07/29/23 01:47	
Oll Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		07/26/23 09:28	07/29/23 01:47	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	126		70 - 130				07/26/23 09:28	07/29/23 01:47	
p-Terphenyl	146	S1+	70 - 130				07/26/23 09:28	07/29/23 01:47	
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solubl	е						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Chloride	27.1		5.01		mg/Kg			07/24/23 12:22	
lient Sample ID: H-14 (0-0.5	;')						Lab Samp	le ID: 880-30	945-14
ate Collected: 07/18/23 00:00 ate Received: 07/19/23 10:47								Matri	x: Soli
Method: SW846 8021B - Volatile (organic Comp	ounas (GC)	1						

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

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

Lab Sample ID: 880-30945-13

Matrix: Solid

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Client Sample Results

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

Lab Sample ID: 880-30945-14

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

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

Client: Carmona Resources

Project/Site: Apache-Redwood

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 - Diesel	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	el Range Orga	nics (DRO)	(GC)						
Analyte	Result	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									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		07/26/23 09:28	07/29/23 02:08	1
C10-C28)									
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	Chromatograp	hy - Solubl	e						
Analyte	• •	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	71.8		4.97		mg/Kg			07/24/23 12:27	1

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 8021B - Volatile Organic Compounds (GC)

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
1,4-Difluorobenzene (Surr)	100		70 - 130				07/25/23 13:51	07/26/23 06:13	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 - Dies	sel Range Organ	ics (DRO) (O	SC)						
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 - Di	esel Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
					mg/Kg		07/26/23 09:28	07/29/23 02:29	1
Gasoline Range Organics	<50.0	U	50.0		mg/rty		01/20/25 05.20	01/25/20 02.25	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		ilig/itg		01720/23 03.20	01120120 02.20	1

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C10-C28)

Client Sample Results

Client: Carmona Resources Project/Site: Apache-Redwood

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

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

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

Lab Sample ID: 880-30945-15 Matrix: Solid

Matrix: Solid

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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	Chromatograp	ohy - Solubl	e						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	78.0		4.95		mg/Kg			07/24/23 12:32	1

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Client: Carmona Resources Project/Site: Apache-Redwood

Method: 8021B - Volatile Organic Compounds (GC) Matrix: Solid

				Percent Surrogate Recovery (Acceptance Limits)
		BFB1	DFBZ1	
b Sample ID	Client Sample ID	(70-130)	(70-130)	
-30945-1	H-1 (0-0.5')	107	94	
30945-1 MS	H-1 (0-0.5')	108	98	
80945-1 MSD	H-1 (0-0.5')	116	103	
80945-2	H-2 (0-0.5')	113	108	
0945-3	H-3 (0-0.5')	117	109	
30945-4	H-4 (0-0.5')	114	108	
0945-5	H-5 (0-0.5')	114	108	
30945-6	H-6 (0-0.5')	108	106	
0945-7	H-7 (0-0.5')	113	106	
0945-8	H-8 (0-0.5')	121	104	
945-9	H-9 (0-0.5')	119	109	
)945-10	H-10 (0-0.5')	114	105	
0945-11	H-11 (0-0.5')	109	96	
945-12	H-12 (0-0.5')	122	108	
0945-13	H-13 (0-0.5')	117	108	
0945-14	H-14 (0-0.5')	116	107	
0945-15	H-15 (0-0.5')	128	100	
380-58483/1-A	Lab Control Sample	110	101	
880-58483/2-A	Lab Control Sample Dup	112	96	
0-58465/5-A	Method Blank	93	92	
380-58483/5-A	Method Blank	97	91	

Surrogate Legend

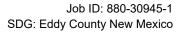
BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

				Percent Surrogate Recovery (Acceptance Limits)
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
380-30945-1	H-1 (0-0.5')	106	117	
380-30945-1 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+	
80-30945-3	H-3 (0-0.5')	117	136 S1+	
380-30945-4	H-4 (0-0.5')	133 S1+	156 S1+	
80-30945-5	H-5 (0-0.5')	124	143 S1+	
80-30945-6	H-6 (0-0.5')	118	142 S1+	
80-30945-7	H-7 (0-0.5')	230 S1+	285 S1+	
80-30945-8	H-8 (0-0.5')	116	131 S1+	
80-30945-9	H-9 (0-0.5')	120	142 S1+	
80-30945-10	H-10 (0-0.5')	112	138 S1+	
80-30945-11	H-11 (0-0.5')	136 S1+	159 S1+	
80-30945-12	H-12 (0-0.5')	125	151 S1+	
380-30945-13	H-13 (0-0.5')	126	146 S1+	
380-30945-14	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	



Prep Type: Total/NA

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Prep Type: Total/NA

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 5 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+ 6 Surrogate Legend 1CO = 1-Chlorooctane OTPH = o-Terphenyl

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QC Sample Results

Client: Carmona Resources Project/Site: Apache-Redwood

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-58465/	5-A									Client Sa	ample ID: I		
Matrix: Solid											Prep T	ype: To	otal/NA
Analysis Batch: 58416											Prep	Batch:	: <mark>58465</mark>
	M	В МВ											
Analyte	Resu	t Qualifier	RL		MDL	Unit		D	P	repared	Analyz	ed	Dil Fac
Benzene	<0.0020	D U	0.00200			mg/Kg	9		07/2	5/23 11:03	07/25/23 1	13:12	1
Toluene	<0.0020	D U	0.00200			mg/Kg	9		07/2	5/23 11:03	07/25/23 1	13:12	1
Ethylbenzene	<0.0020	U U	0.00200			mg/Kg	9		07/2	5/23 11:03	07/25/23 1	13:12	1
m-Xylene & p-Xylene	<0.0040	D U	0.00400			mg/Kg	3		07/2	5/23 11:03	07/25/23 1	13:12	1
o-Xylene	<0.0020	U C	0.00200			mg/Kg	9		07/2	5/23 11:03	07/25/23 1	13:12	1
Xylenes, Total	<0.0040	D U	0.00400			mg/Kg	9		07/2	5/23 11:03	07/25/23 1	13:12	1
	М	3 <i>MB</i>											
Surrogate	%Recover	y Qualifier	Limits						P	repared	Analyz	ed	Dil Fac
4-Bromofluorobenzene (Surr)	9	3	70 - 130						07/2	5/23 11:03	07/25/23	13:12	1
1,4-Difluorobenzene (Surr)	9	2	70 - 130						07/2	5/23 11:03	07/25/23	13:12	1
- Lab Sample ID: MB 880-58483/	5-A									Client Sa	ample ID: I	Method	l Blank
Matrix: Solid											Prep T	ype: To	otal/NA
Analysis Batch: 58416												Batch:	
	M	з мв											
Analyte	Resu	t Qualifier	RL		MDL	Unit		D	Р	repared	Analyz	ed	Dil Fac
Benzene	<0.0020	D U	0.00200			mg/Kg	3	_	07/2	5/23 13:51	07/25/23 2		1
Toluene	<0.0020	D U	0.00200			mg/Kg			07/2	5/23 13:51	07/25/23 2	23:56	1
Ethylbenzene	<0.0020		0.00200			mg/Kg	-			5/23 13:51	07/25/23 2		1
m-Xylene & p-Xylene	<0.0040		0.00400			mg/Kg				5/23 13:51	07/25/23 2		· · · · · · 1
o-Xylene	<0.0020		0.00200			mg/Kg	-			5/23 13:51	07/25/23 2		1
Xylenes, Total	<0.0020		0.00400			mg/Kg	-			5/23 13:51	07/25/23 2		1
Aylenes, total	-0.0040	0 0	0.00400			ing/itg	9		0172	5/25 15.51	017257252	20.00	'
	M	3 <i>MB</i>											
Surrogate	%Recover	y Qualifier	Limits						Р	repared	Analyz	ed	Dil Fac
4-Bromofluorobenzene (Surr)	9	7	70 - 130					07/2	5/23 13:51	07/25/23	23:56	1	
1,4-Difluorobenzene (Surr)	9	1	70 - 130						07/2	5/23 13:51	07/25/23 2	23:56	1
Lab Sample ID: LCS 880-58483	8/1-A							С	lient	Sample	ID: Lab Co	ontrol S	Sample
Matrix: Solid											Prep T	ype: To	otal/NA
Analysis Batch: 58416												Batch:	
-			Spike	LCS	LCS	;					%Rec		
Analyte			Added	Result	Qua	lifier	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-Xylene			0.100	0.09249			mg/Kg			92	70 - 130		
- Aylene			0.100	0.00240			mg/rtg			52	70-100		
	LCS LC												
Surrogate	%Recovery Qu	alifier	Limits										
4-Bromofluorobenzene (Surr)	110		70 - 130										
1,4-Difluorobenzene (Surr)	101		70 - 130										
	83/2-4						CI	ient	Sam	ple ID: L	ab Contro	I Samp	le Dup
Lab Sample ID: LCSD 880-584	50/2-A										Pren T	vne: To	otal/NA
Lab Sample ID: LCSD 880-584 Matrix: Solid											11001	, .	
Matrix: Solid													
	5072-A		Spike	LCSD	LCS	D							: 58483
Matrix: Solid	50/2-A		Spike Added	LCSD Result			Unit		D	%Rec	Prep		: 58483 RPD Limit

5

Job ID: 880-30945-1

SDG: Eddy County New Mexico

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

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

Lab Sample ID: LCSD 880-5 Matrix: Solid	8483/2-A					Cliei	nt San	ipie iD: i	ab Contro		
										ype: To	
Analysis Batch: 58416			Spike	1.080	LCSD					Batch:	SO40 RPI
Analyte			Spike Added		Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Lim
Toluene			0.100	0.1040	Quaimer			104	70 - 130	1	3
						mg/Kg				-	
Ethylbenzene			0.100	0.09599		mg/Kg		96	70 - 130	1	
m-Xylene & p-Xylene			0.200	0.1857		mg/Kg		93	70 ₋ 130 70 ₋ 130	2	3
o-Xylene			0.100	0.09453		mg/Kg		95	70 - 130	2	3
	LCSD	LCSD									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)			70 - 130								
1,4-Difluorobenzene (Surr)	96		70 - 130								
Lab Sample ID: 880-30945-1	I MS							Clier	nt Sample I	D: H-1 (0-0.5
Matrix: Solid									Prep 1	ype: To	tal/N/
Analysis Batch: 58416									Prep	Batch:	5848
	Sample	Sample	Spike	MS	MS				%Rec		
Analyte		Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Benzene	<0.00200	U	0.0996	0.08686		mg/Kg		86	70 - 130		
Toluene	0.00407		0.0996	0.09151		mg/Kg		88	70 - 130		
Ethylbenzene	<0.00200	U	0.0996	0.07884		mg/Kg		79	70 - 130		
m-Xylene & p-Xylene	<0.00401	U	0.199	0.1490		mg/Kg		73	70 - 130		
o-Xylene	<0.00200	U	0.0996	0.07415		mg/Kg		74	70 - 130		
• · · ·		MS									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	108		70 - 130								
1,4-Difluorobenzene (Surr)	98		70 - 130								
Lab Sample ID: 880-30945-1								Clier	nt Sample I	D· H_1 (0_0 5
Matrix: Solid	I MOD							oner		ype: To	
Analysis Batch: 58416							Prep Batch: 5				
Analysis Batch. 00410	Sample	Sample	Spike	MSD	MSD				%Rec	Baton.	RPI
Analyte		Qualifier	Added		Qualifier	Unit	D	%Rec	Limits	RPD	Lim
Benzene	<0.00200		0.0994	0.08405		mg/Kg	— <u>-</u>	84	70 - 130	3	3
Toluene	0.00407	0	0.0994	0.09256		mg/Kg		89	70 - 130	1	3
Ethylbenzene	< 0.00200	U	0.0994	0.08203		mg/Kg		83	70 - 130	4	3
m-Xylene & p-Xylene	<0.00200		0.199	0.1573		mg/Kg		78	70 - 130	5	3
o-Xylene	<0.00200		0.0994	0.07863		mg/Kg		78	70 - 130 70 - 130	6	3
0-Aylene	<0.00200	0	0.0334	0.07000		ing/itg		70	70 - 100	0	5
	MSD	MSD									
		Qualifier	Limits								
Surrogate	%Recovery	<u></u>									
-	% <i>Recovery</i> 116		70 - 130								
Surrogate 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr)			70 - 130 70 - 130								

Matrix: Solid Prep Type: Total/NA Prep Batch: 58523 Analysis Batch: 58682 MB MB Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Gasoline Range Organics <50.0 U 50.0 mg/Kg 07/26/23 09:28 07/28/23 19:43 1

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(GRO)-C6-C10

QC Sample Results

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)

Matrix: Solid													Type: To	
Analysis Batch: 58682												Prep	Batch	: 5852
		MB												
Analyte			Qualifier	RL		MDL	Unit		D		repared	Analyz		Dil Fa
Diesel Range Organics (Over	<	50.0	U	50.0			mg/Kg	I		07/2	6/23 09:28	07/28/23	19:43	
C10-C28) Oll Range Organics (Over C28-C36)	<"	50.0		50.0			mg/Kg			07/2	6/23 09:28	07/28/23	10.43	
		00.0	0	00.0			ing/itg			0172	0/20 00.20	01720/20	10.40	
			МВ											
Surrogate	%Recov		Qualifier	Limits							repared	Analyz		Dil Fa
1-Chlorooctane			S1+	70 - 130							6/23 09:28	07/28/23		
o-Terphenyl		175	S1+	70 - 130						07/2	6/23 09:28	07/28/23	19:43	
Lab Sample ID: LCS 880-58523	8/2-A								С	lient	Sample I	D: Lab C	ontrol S	Sampl
Matrix: Solid													Гуре: Т	
Analysis Batch: 58682													Batch	
				Spike	LCS	LCS						%Rec		
Analyte				Added	Result	Qual	lifier	Unit		D	%Rec	Limits		
Gasoline Range Organics				1000	884.3			mg/Kg		_	88	70 - 130		
(GRO)-C6-C10														
Diesel Range Organics (Over				1000	935.8			mg/Kg			94	70 - 130		
C10-C28)														
	LCS													
Surrogate		Quali	fier	Limits										
1-Chlorooctane	92			70 - 130										
o-Terphenyl	126			70 - 130										
Matrix: Solid												Drop 7	Duno: T	
													Batch	
				Spike	LCSD	LCS	D							: 5852
Analysis Batch: 58682 Analyte				Added	Result			Unit		D	%Rec	Prep	Batch RPD	: <mark>5852</mark> RP
Analysis Batch: 58682 Analyte Gasoline Range Organics				•				Unit mg/Kg		<u>D</u>	% Rec	Prep %Rec	Batch	: 5852 RP Lim
Analysis Batch: 58682 Analyte Gasoline Range Organics (GRO)-C6-C10				Added	Result 987.9			mg/Kg		D 	99	Prep %Rec Limits 70 - 130	Batch RPD 11	: 5852 RP Lim 2
Analysis Batch: 58682 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over				Added	Result					<u>D</u>		Prep %Rec Limits	Batch RPD	: 5852 RP Lim 2
Analysis Batch: 58682 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over				Added	Result 987.9			mg/Kg		<u>D</u>	99	Prep %Rec Limits 70 - 130	Batch RPD 11	: 5852 RP Lim
Analysis Batch: 58682 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	LCSD			Added	Result 987.9			mg/Kg		<u>D</u>	99	Prep %Rec Limits 70 - 130	Batch RPD 11	: 5852 RP Lim
Analysis Batch: 58682 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate	%Recovery			Added 1000 1000 Limits	Result 987.9			mg/Kg		<u>D</u>	99	Prep %Rec Limits 70 - 130	Batch RPD 11	: 5852 RP Lim
Analysis Batch: 58682 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane	%Recovery 96			Added 1000 1000 <i>Limits</i> 70 - 130	Result 987.9			mg/Kg		<u>D</u>	99	Prep %Rec Limits 70 - 130	Batch RPD 11	: 5852 RP Lim
Analysis Batch: 58682 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane	%Recovery			Added 1000 1000 Limits	Result 987.9			mg/Kg		<u>D</u>	99	Prep %Rec Limits 70 - 130	Batch RPD 11	: 5852 RP Lim
Analysis Batch: 58682 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane o-Terphenyl	%Recovery 96 123			Added 1000 1000 <i>Limits</i> 70 - 130	Result 987.9			mg/Kg		<u>D</u>	99	Prep %Rec Limits 70 - 130 70 - 130	Batch RPD 11 6	: 5852 RPI <u>Lim</u> 2
Analysis Batch: 58682 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: 880-30945-1 Mag	%Recovery 96 123			Added 1000 1000 <i>Limits</i> 70 - 130	Result 987.9			mg/Kg		<u>D</u>	99	Prep %Rec Limits 70 - 130 70 - 130	Batch RPD 11 6	: 5852 RPI <u>Lim</u> 2 (0-0.5
Analysis Batch: 58682 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: 880-30945-1 Matrix: Solid	%Recovery 96 123			Added 1000 1000 <i>Limits</i> 70 - 130	Result 987.9			mg/Kg		<u>D</u>	99	Prep %Rec Limits 70 - 130 70 - 130 Sample Prep	Batch <u>RPD</u> 11 6 ID: H-1	: 5852 RP Lim 2 2 (0-0.5 otal/NJ
Analysis Batch: 58682 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: 880-30945-1 Matrix: Solid	%Recovery 96 123	Quali	fier	Added 1000 1000 <i>Limits</i> 70 - 130	Result 987.9 993.1			mg/Kg		<u>D</u>	99	Prep %Rec Limits 70 - 130 70 - 130 Sample Prep	Batch RPD 11 6	: 5852 RP Lim 2 2 (0-0.5 otal/NJ
Analysis Batch: 58682 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: 880-30945-1 Ma Matrix: Solid Analysis Batch: 58682	%Recovery 96 123 S	<u>Quali</u> Samp	fier	Added 1000 1000 <u>Limits</u> 70 - 130 70 - 130	Result 987.9 993.1	Qual	lifier	mg/Kg		D	99	Prep %Rec Limits 70 - 130 70 - 130 70 - 130 8 Sample Prep Prep	Batch RPD 11 6	RPI 2 2 (0-0.5' otal/NJ
Analysis Batch: 58682 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: 880-30945-1 Mi Matrix: Solid Analysis Batch: 58682 Analyte Gasoline Range Organics	%Recovery 96 123 S Sample	Qualit Samp Qualit	fier	Added 1000 1000 <i>Limits</i> 70 - 130 70 - 130 Spike	Result 987.9 993.1	Qual	lifier	mg/Kg		_	99 99 Client	Prep %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130	Batch RPD 11 6	: 5852 RP Lim 2 2 (0-0.5 otal/NJ
Analysis Batch: 58682 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: 880-30945-1 Matrix: Solid Analysis Batch: 58682 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	%Recovery 96 123 S S Sample Result	Quali Samp Qualit U	fier	Added 1000 1000 <i>Limits</i> 70 - 130 70 - 130 70 - 130	Result 987.9 993.1 MS Result	Qual MS Qual	lifier	mg/Kg mg/Kg Unit		_	99 99 Client	Prep %Rec Limits 70 - 130 70 - 130 70 - 130 70 - 130 %Rec Limits	Batch RPD 11 6	: 5852 RP <u>Lim</u> 2 2 (0-0.5 otal/N
Analysis Batch: 58682 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: 880-30945-1 Mi Matrix: Solid Analysis Batch: 58682 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	%Recovery 96 123 S S Sample Result <50.3	Qualit Samp Qualit U	fier	Added 1000 1000 <i>Limits</i> 70 - 130 70 - 130 70 - 130 998	Result 987.9 993.1 MS Result 848.2	Qual MS Qual	lifier	mg/Kg mg/Kg <u>Unit</u> mg/Kg		_	99 99 Client %Rec 80	Prep %Rec Limits 70 - 130 70 - 130 70 - 130 * Sample Prep %Rec Limits 70 - 130	Batch RPD 11 6	: 5852 RP <u>Lim</u> 2 2 (0-0.5 otal/N
Analysis Batch: 58682 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: 880-30945-1 Mi Matrix: Solid Analysis Batch: 58682 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	%Recovery 96 123 S S Sample Result <50.3 <50.3	Qualit Samp Qualit U U MS	fier	Added 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000	Result 987.9 993.1 MS Result 848.2	Qual MS Qual	lifier	mg/Kg mg/Kg <u>Unit</u> mg/Kg		_	99 99 Client %Rec 80	Prep %Rec Limits 70 - 130 70 - 130 70 - 130 * Sample Prep %Rec Limits 70 - 130	Batch RPD 11 6	: 5852 RP Lim 2 2 (0-0.5 otal/N
Analysis Batch: 58682 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate	%Recovery 96 123 S S Sample Result <50.3	Qualit Samp Qualit U U MS	fier	Added 1000 1000 <i>Limits</i> 70 - 130 70 - 130 70 - 130 998	Result 987.9 993.1 MS Result 848.2	Qual MS Qual	lifier	mg/Kg mg/Kg <u>Unit</u> mg/Kg		_	99 99 Client %Rec 80	Prep %Rec Limits 70 - 130 70 - 130 70 - 130 * Sample Prep %Rec Limits 70 - 130	Batch RPD 11 6	: 5852 RP Lim 2 2 (0-0.5 otal/NJ

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141 S1+

o-Terphenyl

70 - 130

QC Sample Results

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							(Clien	t Sample I	D: H-1 (0-0.5'
Matrix: Solid											ype: To	
Analysis Batch: 58682											Batch:	
	Sample	Sample	Spike	MSD	MSD					%Rec	Baton.	RP
Analyte	-	Qualifier	Added		Qualifier	Unit		D %R	lec	Limits	RPD	Lim
Gasoline Range Organics	<50.3		998	903.5		mg/Kg			86	70 - 130	6	2
(GRO)-C6-C10												
Diesel Range Organics (Over	<50.3	U	998	980.7		mg/Kg			95	70 - 130	6	2
C10-C28)												
	MSD	MSD										
Surrogate	%Recovery		Limits									
1-Chlorooctane	126		70 - 130	-								
o-Terphenyl		S1+	70 - 130									
lethod: 300.0 - Anions, l Lab Sample ID: MB 880-5809		ography						Clie	ent Sa	ample ID: I		
Matrix: Solid										Prep	Type: S	olub
Analysis Batch: 58288												
		MB MB										
		esult Qualifier		RL	MDL Unit		<u>D</u>	Prepar	ed	Analyz		Dil Fa
Chloride Lab Sample ID: LCS 880-580	<	esult Qualifier 5.00 U		RL 5.00	MDL Unit mg/K	g				07/22/23	ontrol S	amp
Chloride Lab Sample ID: LCS 880-580 Matrix: Solid	<		Spike	5.00	mg/K	g				07/22/23 0 ID: Lab Co Prep	04:11	ampl
Chloride Lab Sample ID: LCS 880-580 Matrix: Solid Analysis Batch: 58288	<		Spike Added	5.00 LCS		g Unit	Clie		nple	07/22/23	ontrol S	ampl
Chloride Lab Sample ID: LCS 880-580 Matrix: Solid Analysis Batch: 58288 Analyte	<		•	5.00 LCS	LCS	Unit	Clie	ent Sar	nple	07/22/23 (ID: Lab Co Prep %Rec	ontrol S	amp
Chloride Lab Sample ID: LCS 880-580 Matrix: Solid Analysis Batch: 58288 Analyte	<		Added	5.00 LCS Result	LCS	-	Clie	ent Sar	nple	07/22/23 (ID: Lab Co Prep %Rec Limits	ontrol S	amp
Chloride Lab Sample ID: LCS 880-580 Matrix: Solid Analysis Batch: 58288 Analyte Chloride Lab Sample ID: LCSD 880-58	<		Added	5.00 LCS Result	LCS	Unit mg/Kg	Clie	ent Sar D %R	nple ec 95	07/22/23 (ID: Lab Co Prep %Rec Limits 90 - 110 .ab Contro	D4:11 DATOL S Type: S USAMPI	amp olub
Chloride Lab Sample ID: LCS 880-580 Matrix: Solid Analysis Batch: 58288 Analyte Chloride Lab Sample ID: LCSD 880-56 Matrix: Solid	<		Added	5.00 LCS Result	LCS	Unit mg/Kg	Clie	ent Sar D %R	nple ec 95	07/22/23 (ID: Lab Co Prep %Rec Limits 90 - 110 .ab Contro	ontrol Sa Type: Sa	ampl olub
Chloride Lab Sample ID: LCS 880-580 Matrix: Solid Analysis Batch: 58288 Analyte Chloride Lab Sample ID: LCSD 880-56 Matrix: Solid	<		Added 250	5.00 LCS Result 236.8	LCS Qualifier	Unit mg/Kg	Clie	ent Sar D %R	nple ec 95	07/22/23 (ID: Lab Co Prep %Rec Limits 90 - 110 .ab Contro Prep	D4:11 DATOL S Type: S USAMPI	ampi olub le Du olub
Chloride Lab Sample ID: LCS 880-580 Matrix: Solid Analysis Batch: 58288 Analyte Chloride Lab Sample ID: LCSD 880-56 Matrix: Solid Analysis Batch: 58288	<		Added 250 Spike	5.00 LCS Result 236.8	LCS Qualifier	Unit mg/Kg Cli	Clie	ent Sar D %R ample	nple 95 ID: L	07/22/23 0 ID: Lab Co Prep %Rec Limits 90 - 110 .ab Contro Prep %Rec	D4:11 Dentrol Sa Type: So I Sampl Type: So	ampi olubi le Du olubi RP
Chloride Lab Sample ID: LCS 880-580 Matrix: Solid Analysis Batch: 58288 Analyte Chloride Lab Sample ID: LCSD 880-58 Matrix: Solid Analysis Batch: 58288 Analyte	<		Added 250 Spike Added	5.00 LCS Result 236.8 LCSD Result	LCS Qualifier	Unit mg/Kg Cli	Clie	ent Sar D %R ample	nple	07/22/23 (ID: Lab Co Prep %Rec Limits 90 - 110 .ab Contro Prep %Rec Limits	D4:11 Dentrol Sa Type: So I Sampl Type: So RPD	ampl olub le Du olub RP Lim
Chloride Lab Sample ID: LCS 880-580 Matrix: Solid Analysis Batch: 58288 Analyte Chloride Lab Sample ID: LCSD 880-58 Matrix: Solid Analysis Batch: 58288 Analyte	<		Added 250 Spike	5.00 LCS Result 236.8	LCS Qualifier	Unit mg/Kg Cli	Clie	ent Sar D %R ample	nple 95 ID: L	07/22/23 0 ID: Lab Co Prep %Rec Limits 90 - 110 .ab Contro Prep %Rec	D4:11 Dentrol Sa Type: So I Sampl Type: So	ampl olubi le Du olubi RP Lim
Chloride Lab Sample ID: LCS 880-580 Matrix: Solid Analysis Batch: 58288 Analyte Chloride Lab Sample ID: LCSD 880-58 Matrix: Solid Analysis Batch: 58288 Analyte Chloride	<pre>>>53/2-A </pre>		Added 250 Spike Added	5.00 LCS Result 236.8 LCSD Result	LCS Qualifier	Unit mg/Kg Cli	Clie	ent Sar D <u>%</u> R ample	nple lec 1D: L lec 95 -	07/22/23 0 ID: Lab Co Prep %Rec Limits 90 - 110 %Rec Limits 90 - 110	D4:11 Dentrol Sa Type: Sa I Sampl Type: Sa RPD 0	ampi olub le Du olub RP Lin 2
Chloride Lab Sample ID: LCS 880-580 Matrix: Solid Analysis Batch: 58288 Analyte Chloride Lab Sample ID: LCSD 880-56 Matrix: Solid Analysis Batch: 58288 Analyte Chloride Lab Sample ID: 880-30945-1	<pre>>>53/2-A </pre>		Added 250 Spike Added	5.00 LCS Result 236.8 LCSD Result	LCS Qualifier	Unit mg/Kg Cli	Clie	ent Sar D <u>%</u> R ample	nple lec 1D: L lec 95 -	07/22/23 ID: Lab Co Prep %Rec Limits 90 - 110 %Rec Limits 90 - 110 %Rec Limits 90 - 110 t Sample I	D4:11 Dentrol Sa Type: Sa I Sampl Type: Sa RPD 0 D: H-1 (ampl olubi le Du olubi RP Lim 2 0-0.5
Chloride Lab Sample ID: LCS 880-580 Matrix: Solid Analysis Batch: 58288 Analyte Chloride Lab Sample ID: LCSD 880-56 Matrix: Solid Analysis Batch: 58288 Analyte Chloride Lab Sample ID: 880-30945-1 Matrix: Solid	<pre>>>53/2-A </pre>		Added 250 Spike Added	5.00 LCS Result 236.8 LCSD Result	LCS Qualifier	Unit mg/Kg Cli	Clie	ent Sar D <u>%</u> R ample	nple lec 1D: L lec 95 -	07/22/23 ID: Lab Co Prep %Rec Limits 90 - 110 %Rec Limits 90 - 110 %Rec Limits 90 - 110 t Sample I	D4:11 Dentrol Sa Type: Sa I Sampl Type: Sa RPD 0	ampl olubi le Du olubi RP Lim 2 0-0.5
Chloride Lab Sample ID: LCS 880-580 Matrix: Solid Analysis Batch: 58288 Analyte Chloride Lab Sample ID: LCSD 880-56 Matrix: Solid Analysis Batch: 58288 Analyte Chloride Lab Sample ID: 880-30945-1 Matrix: Solid	<pre>>>53/2-A >>>053/2-A </pre>		Added 250 Spike Added 250	5.00 LCS Result 236.8 LCSD Result 237.2	LCS Qualifier Qualifier	Unit mg/Kg Cli	Clie	ent Sar D <u>%</u> R ample	nple lec 1D: L lec 95 -	07/22/23 0 ID: Lab Co Prep %Rec Limits 90 - 110 ab Contro Prep %Rec Limits 90 - 110 t Sample I Prep	D4:11 Dentrol Sa Type: Sa I Sampl Type: Sa RPD 0 D: H-1 (ampl olubi le Du olubi RP Lim 2 0-0.5
Chloride Lab Sample ID: LCS 880-580 Matrix: Solid Analysis Batch: 58288 Analyte Chloride Lab Sample ID: LCSD 880-56 Matrix: Solid Analysis Batch: 58288 Analyte Chloride Lab Sample ID: 880-30945-1 Matrix: Solid Analysis Batch: 58288	<pre>>>53/2-A </pre> 8053/3-A MS Sample	5.00 U	Added 250 Spike Added 250 Spike	5.00 LCS Result 236.8 LCSD Result 237.2	LCS Qualifier Qualifier MS	Unit mg/Kg Cli	Clie ent S	ent Sar D <u>%</u> R ample	nple ec 95 ID: L ec 95 - Clien	07/22/23 (ID: Lab Co Prep %Rec Limits 90 - 110 .ab Contro Prep %Rec Limits 90 - 110 t Sample I Prep %Rec	D4:11 Dentrol Sa Type: Sa I Sampl Type: Sa RPD 0 D: H-1 (ampl olubl e Du olubl RP Lim 2 0-0.5
Chloride Lab Sample ID: LCS 880-580 Matrix: Solid Analysis Batch: 58288 Analyte Chloride Lab Sample ID: LCSD 880-56 Matrix: Solid Analysis Batch: 58288 Analyte Chloride Lab Sample ID: 880-30945-1 Matrix: Solid Analysis Batch: 58288 Analysis Batch: 58288 Analyte	Sample Result		Added 250 Spike Added 250 Spike Added	5.00 LCS Result 236.8 LCSD Result 237.2 MS Result	LCS Qualifier Qualifier	Unit mg/Kg Cli Unit mg/Kg	Clie ent S	ent Sar D %R ample D %R	nple ec 95 - ID: L ec Clien	07/22/23 (ID: Lab Co Prep %Rec Limits 90 - 110 .ab Contro Prep %Rec Limits 90 - 110 t Sample I Prep %Rec Limits	D4:11 Dentrol Sa Type: Sa I Sampl Type: Sa RPD 0 D: H-1 (ampl olubi le Du olubi RP Lim 2 0-0.5
Chloride Lab Sample ID: LCS 880-580 Matrix: Solid Analysis Batch: 58288 Analyte Chloride Lab Sample ID: LCSD 880-56 Matrix: Solid Analysis Batch: 58288 Analyte Chloride Lab Sample ID: 880-30945-1 Matrix: Solid Analysis Batch: 58288 Analyte Analyte Analyte	<pre>>>53/2-A </pre> 8053/3-A MS Sample	5.00 U	Added 250 Spike Added 250 Spike	5.00 LCS Result 236.8 LCSD Result 237.2	LCS Qualifier Qualifier MS	Unit mg/Kg Cli	Clie ent S	ent Sar D %R ample D %R	nple ec 95 ID: L ec 95 - Clien	07/22/23 (ID: Lab Co Prep %Rec Limits 90 - 110 .ab Contro Prep %Rec Limits 90 - 110 t Sample I Prep %Rec	D4:11 Dentrol Sa Type: Sa I Sampl Type: Sa RPD 0 D: H-1 (ampl olubl e Du olubl RP Lim 2 0-0.5
Chloride Lab Sample ID: LCS 880-580 Matrix: Solid Analysis Batch: 58288 Analyte Chloride Lab Sample ID: LCSD 880-58 Matrix: Solid Analysis Batch: 58288 Analyte Chloride Lab Sample ID: 880-30945-1 Matrix: Solid Analysis Batch: 58288 Analyte Chloride Lab Sample ID: 880-30945-1	Sample Result 168	5.00 U	Added 250 Spike Added 250 Spike Added	5.00 LCS Result 236.8 LCSD Result 237.2 MS Result	LCS Qualifier Qualifier MS	Unit mg/Kg Cli Unit mg/Kg	Clie ent S	ent Sar D %R ample D %R	Rec - 95 - ID: L - 95 - Other -	07/22/23 ID: Lab Co Prep %Rec Limits 90 - 110 ************************************	D4:11 Dentrol Sa Type: Sa I Sampl Type: Sa RPD 0 D: H-1 (Type: Sa Comparison	ampl olub le Du olub RP Lin 2 0-0.5 olub
Chloride Lab Sample ID: LCS 880-580 Matrix: Solid Analysis Batch: 58288 Analyte Chloride Lab Sample ID: LCSD 880-58 Matrix: Solid Analysis Batch: 58288 Analyte Chloride Lab Sample ID: 880-30945-1 Matrix: Solid Analysis Batch: 58288 Analyte Chloride Lab Sample ID: 880-30945-1 Matrix: Solid	Sample Result 168	5.00 U	Added 250 Spike Added 250 Spike Added	5.00 LCS Result 236.8 LCSD Result 237.2 MS Result	LCS Qualifier Qualifier MS	Unit mg/Kg Cli Unit mg/Kg	Clie ent S	ent Sar D %R ample D %R	Rec - 95 - ID: L - 95 - Other -	07/22/23 ID: Lab Co Prep %Rec Limits 90 - 110 ************************************	D4:11 Dentrol S Type: S I Sampl Type: S RPD 0 D: H-1 (Type: S	ampl olub le Du olub RP Lin 2 0-0.5 olub
Analyte Chloride Lab Sample ID: LCS 880-580 Matrix: Solid Analysis Batch: 58288 Analyte Chloride Lab Sample ID: LCSD 880-58 Matrix: Solid Analysis Batch: 58288 Analyte Chloride Lab Sample ID: 880-30945-1 Matrix: Solid Analysis Batch: 58288 Analyte Chloride Lab Sample ID: 880-30945-1 Matrix: Solid Analyte Chloride	Sample Result 168	5.00 U	Added 250 Spike Added 250 Spike Added	5.00 LCS Result 236.8 LCSD Result 237.2 MS Result 1401	LCS Qualifier Qualifier MS	Unit mg/Kg Cli Unit mg/Kg	Clie ent S	ent Sar D %R ample D %R	Rec - 95 - ID: L - 95 - Other -	07/22/23 ID: Lab Co Prep %Rec Limits 90 - 110 ************************************	D4:11 Dentrol S Type: S I Sampl Type: S RPD 0 D: H-1 (Type: S	ampl olubl e Du olubl RP Lim 2 0-0.5 olubl
Chloride Lab Sample ID: LCS 880-580 Matrix: Solid Analysis Batch: 58288 Analyte Chloride Lab Sample ID: LCSD 880-58 Matrix: Solid Analysis Batch: 58288 Analyte Chloride Lab Sample ID: 880-30945-1 Matrix: Solid Analysis Batch: 58288 Analyte Chloride Lab Sample ID: 880-30945-1 Matrix: Solid	Sample MS MS MSD Sample	5.00 U	Added 250 Spike Added 250 Spike Added 1250	5.00 LCS Result 236.8 LCSD Result 237.2 MS Result 1401	LCS Qualifier MS Qualifier	Unit mg/Kg Cli Unit mg/Kg	Clie ent Sa	ent Sar D %R ample D %R	nple ec 95 - ID: L ec 95 - Clien Clien	07/22/23 0 ID: Lab Co Prep %Rec Limits 90 - 110 AB Contro Prep %Rec Limits 90 - 110 t Sample I Prep %Rec Limits 90 - 110 t Sample I Prep	D4:11 Dentrol S Type: S I Sampl Type: S RPD 0 D: H-1 (Type: S	olubi le Du olubi RP Lim 2 0-0.5 olubi

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Client: Carmona Resources

Project/Site: Apache-Redwood

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

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-30945-11 MS								Client	t Sample ID		· · · · ·
Matrix: Solid									Prep	Type: S	oluble
Analysis Batch: 58288											
	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride	47.1		250	280.6		mg/Kg		94	90 - 110		
Lab Sample ID: 880-30945-11 MSD Matrix: Solid Analysis Batch: 58288								Client	t Sample IE Prep	D: H-11 (Type: S	· · · · ·
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	47.1		250	279.9		mg/Kg		93	90 - 110	0	20

Eurofins Midland

Client: Carmona Resources Project/Site: Apache-Redwood

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

GC VOA

Analysis Batch: 58416

nalysis Batch: 58416					
Lab Sample ID	Client Sample ID	Ргер Туре	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	Ргер Туре	Matrix	Method	Prep Batch
MB 880-58465/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 58483

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
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	
880-30945-4	H-4 (0-0.5')	Total/NA	Solid	5035	
880-30945-5	H-5 (0-0.5')	Total/NA	Solid	5035	
880-30945-6	H-6 (0-0.5')	Total/NA	Solid	5035	
880-30945-7	H-7 (0-0.5')	Total/NA	Solid	5035	
880-30945-8	H-8 (0-0.5')	Total/NA	Solid	5035	
880-30945-9	H-9 (0-0.5')	Total/NA	Solid	5035	
880-30945-10	H-10 (0-0.5')	Total/NA	Solid	5035	
880-30945-11	H-11 (0-0.5')	Total/NA	Solid	5035	
880-30945-12	H-12 (0-0.5')	Total/NA	Solid	5035	
880-30945-13	H-13 (0-0.5')	Total/NA	Solid	5035	
880-30945-14	H-14 (0-0.5')	Total/NA	Solid	5035	
880-30945-15	H-15 (0-0.5')	Total/NA	Solid	5035	
MB 880-58483/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-58483/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 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	

Client: Carmona Resources Project/Site: Apache-Redwood

GC VOA

Analysis Batch: 58530

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batcl
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	Ргер Туре	Matrix	Method	Prep Batch
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	Ргер Туре	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

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

Client: Carmona Resources Project/Site: Apache-Redwood

GC Semi VOA (Continued)

Analysis Batch: 58682 (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
nalysis Batch: 58925					
Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
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	

Analysis Batch: 58925

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
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	Ргер Туре	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

Job ID: 880-30945-1

SDG: Eddy County New Mexico

Client: Carmona Resources Project/Site: Apache-Redwood

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

Γ					
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

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Job ID: 880-30945-1

SDG: Eddy County New Mexico

Initial

Amount

4.99 g

5 mL

9.94 g

1 uL

5.01 g

Final

Amount

5 mL

5 mL

10 mL

1 uL

50 mL

Batch

58483

58416

58530

58925

58523

58682

58053

58288

Number

Dil

1

1

1

1

5

Factor

Run

Client: Carmona Resources Project/Site: Apache-Redwood

Prep Type

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Soluble

Soluble

Client Sample ID: H-1 (0-0.5') Date Collected: 07/18/23 00:00 Date Received: 07/19/23 10:47

Batch

Туре

Prep

Analysis

Analysis

Analysis

Analysis

Analysis

Leach

Prep

Batch

Method

5035

8021B

Total BTEX

8015NM Prep

8015B NM

DI Leach

300.0

8015 NM

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

Lab Sample ID: 880-30945-1 Matrix: Solid

Analyst

EL

SM

SM

AJ

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AJ

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СН

Lab

EET MID

Matrix: Solid

Prepared

or Analyzed

07/25/23 13:51

07/26/23 00:18

07/26/23 09:30

07/31/23 16:05

07/26/23 09:28

07/28/23 20:48

07/19/23 14:08

07/22/23 04:27

5 9

Lab Sample ID: 880-30945-2 Matrix: Solid

Lab Sample ID: 880-30945-3

Lab Sample ID: 880-30945-4

Client Sample ID: H-2 (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			5.01 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 00:39	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			10.10 g	10 mL	58523	07/26/23 09:28	ткс	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	58682	07/28/23 21:53	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 11:51	СН	EET MID

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	ткс	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	СН	EET MID

Client Sample ID: H-4 (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			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

Job ID: 880-30945-1

Lab Chronicle

Client: Carmona Resources Project/Site: Apache-Redwood

Client Sample ID: H-4 (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	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	ткс	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	СН	EET MID

Client Sample ID: H-5 (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			4.96 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 01:41	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			10.07 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 22:57	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		10			58288	07/22/23 04:57	СН	EET MID

Client Sample ID: H-6 (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			5.02 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') Date Collected: 07/18/23 00:00 Date Received: 07/19/23 10:47

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	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	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 23:40	AJ	EET MID

Eurofins Midland

 SDG: Eddy County New Mexico
 2

 Lab Sample ID: 880-30945-4
 3

 Matrix: Solid
 4

 Prepared
 4

 or Analyzed
 Analyst
 Lab

 7/31/23 16:05
 AJ
 EET MID

 7/26/23 09:28
 TKC
 EET MID

 7/28/23 22:36
 AJ
 EET MID

 7/19/23 14:08
 KS
 EET MID

 7/22/23 04:52
 CH
 EET MID

 8
 A
 A

Lab Sample ID: 880-30945-5 Matrix: Solid

Matrix: Solid

9

Lab Sample ID: 880-30945-6

Matrix: Solid

Lab Sample ID: 880-30945-7 Matrix: Solid

Lab Chronicle

Initial

Amount

5.03 g

Final

Amount

50 mL

Batch

58053

58288

Number

Dil

5

Factor

Run

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

Analyst

Lab Sample ID: 880-30945-8

KS

СН

Lab Sample ID: 880-30945-7

Prepared

or Analyzed

07/19/23 14:08

07/22/23 05:18

Matrix: Solid

Lab

EET MID

EET MID

Matrix: Solid

9

Lab Sample ID: 880-30945-9 Matrix: Solid

Soluble Leach Soluble Analysis

Prep Type

Client: Carmona Resources

Project/Site: Apache-Redwood

Date Collected: 07/18/23 00:00

Date Received: 07/19/23 10:47

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

Batch

Туре

Batch

Method

DI Leach

300.0

Client Sample ID: H-8 (0-0.5') Date Collected: 07/18/23 00:00 Date Received: 07/19/23 10:47

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	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	СН	EET MID

Client Sample ID: H-9 (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			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	ТКС	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	СН	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 Sample ID: 880-30945-10 Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 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	СН	EET MID

Eurofins Midland

Initial

Amount

5.01 g

5 mL

10.01 g

1 uL

5.01 g

Final

Amount

5 mL

5 mL

10 mL

1 uL

50 mL

Batch

58483

58416

58530

58925

58523

58682

58053

58288

Number

Dil

1

1

1

1

1

Factor

Run

Client: Carmona Resources Project/Site: Apache-Redwood

Prep Type

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Soluble

Soluble

Client Sample ID: H-11 (0-0.5') Date Collected: 07/18/23 00:00 Date Received: 07/19/23 10:47

Batch

Туре

Prep

Analysis

Analysis

Analysis

Analysis

Analysis

Leach

Prep

Batch

Method

5035

8021B

Total BTEX

8015NM Prep

8015B NM

DI Leach

300.0

8015 NM

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

Lab Sample ID: 880-30945-11

Analyst

EL

SM

SM

AJ

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AJ

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СН

Prepared

or Analyzed

07/25/23 13:51

07/26/23 04:50

07/26/23 09:30

07/31/23 16:05

07/26/23 09:28

07/29/23 01:26

07/19/23 14:08

07/22/23 05:38

Matrix: Solid

Lab

EET MID

Matrix: Solid

Lab Sample ID: 880-30945-12 Matrix: Solid

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

Client Sample ID: H-12 (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			5.00 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 05:11	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			9.96 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 02:50	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 12:16	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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	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 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	ткс	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	СН	EET MID

Client Sample ID: H-14 (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			5.04 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

Lab Sample ID: 880-30945-13

Lab Sample ID: 880-30945-14

Matrix: Solid

Released to Imaging: 3/19/2024 7:52:39 AM

Lab Chronicle

Client: Carmona Resources Project/Site: Apache-Redwood

Client Sample ID: H-14 (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	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	ткс	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	СН	EET MID

Client Sample ID: H-15 (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			5.03 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	СН	EET MID

Laboratory References:

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

Eurofins Midland

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

Lab Sample ID: 880-30945-14

Matrix: Solid

 07/26/23 09:28
 TKC
 EET MID
 0

 07/29/23 02:08
 AJ
 EET MID
 7

 07/19/23 14:08
 KS
 EET MID
 7

 07/24/23 12:27
 CH
 EET MID
 8

 Lab Sample ID: 880-30945-15 Matrix: Solid
 9

 10

 07/25/23 13:21
 CH
 EET MID
 10

 07/25/23 13:51
 EL
 EET MID
 11

 07/26/23 06:13
 SM
 EET MID
 12

 07/26/23 09:30
 SM
 EET MID
 12

 07/31/23 16:05
 AJ
 EET MID
 13

5

Client: Carmona Resources Project/Site: Apache-Redwood

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

Laboratory: Eurofins Midland

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

Authority	Pi	rogram	Identification Number	Expiration Date
Texas	N	ELAP	T104704400-23-26	06-30-24
The following analytes	are included in this report, b	ut the laboratory is not certif	ied by the governing authority. This list ma	ay include analytes for v
the agency does not of				
the agency does not of Analysis Method	fer certification. Prep Method	Matrix	Analyte	
6,		Matrix Solid	Analyte Total TPH	

Eurofins Midland

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10

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

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Nethod	Method Description	Protocol	Laboratory
3021B	Volatile Organic Compounds (GC)	SW846	EET MID
lotal BTEX	Total BTEX Calculation	TAL SOP	EET MID
3015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
00.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
3015NM Prep	Microextraction	SW846	EET MID
OI 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

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	
880-30945-3	H-3 (0-0.5')	Solid	07/18/23 00:00	07/19/23 10:47	
880-30945-4	H-4 (0-0.5')	Solid	07/18/23 00:00	07/19/23 10:47	
880-30945-5	H-5 (0-0.5')	Solid	07/18/23 00:00	07/19/23 10:47	
880-30945-6	H-6 (0-0.5')	Solid	07/18/23 00:00	07/19/23 10:47	
880-30945-7	H-7 (0-0.5')	Solid	07/18/23 00:00	07/19/23 10:47	
880-30945-8	H-8 (0-0.5')	Solid	07/18/23 00:00	07/19/23 10:47	
880-30945-9	H-9 (0-0.5')	Solid	07/18/23 00:00	07/19/23 10:47	
880-30945-10	H-10 (0-0.5')	Solid	07/18/23 00:00	07/19/23 10:47	
880-30945-11	H-11 (0-0.5')	Solid	07/18/23 00:00	07/19/23 10:47	
880-30945-12	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	
880-30945-14	H-14 (0-0.5')	Solid	07/18/23 00:00	07/19/23 10:47	
880-30945-15	H-15 (0-0.5')	Solid	07/18/23 00:00	07/19/23 10:47	

ZIP Midland, TX 79701 City, State ZIP Apache-Redwood Turn Around Converting and gramscoold/and stream com anne Apache-Redwood Turn Around Gramscoold/and stream com Apache-Redwood Turn Around Gramscoold/and stream com umber 2075 Converting Apache-Redwood Turn Around Rush Converting Apache-Redwood Turn Around Converting Apache-Redwood Rush Converting Apache-Redwood Paarameters E Recerting Apache-Redwood Paarameters E Recerting Apache-Redwood Paarameters E Recert	e.z.p Milland, TX 79701 Email Igramaco@durano_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comducturean_comduc	Company Name C Address.	Carmona Resources 310 W Wall St Ste 500	rces			Bill to (if different) Company Name Address:	U -	Lupe Duran	Lupe Carrasco Durango Midstream 288 W Kincaid Ran	stream	D		Work Program: UST/PST PRP State of Project:	MC DPI	첫 영	<u>Work Order Comments</u> PRP []rownfields []k
• 432-813-6823 Email Igrarrasco@durangomdstream.com Number Apache-Redwood Tum Around Tum Around Number 2075 I coation Tum Around Pactage Hunder 2075 I coation Tum Around Pactage Pactage Location Eddy County, New Mexico Due Date Standard TAT Pactage Code I Pactage Incastion Eddy County, New Mexico Due Date Standard TAT Pactage Code I Pactage Immonitienton Commonitienton Due Date Standard TAT Pactage	a 432-813-6823 Ernal Garmasco@durancematikem com Mheme Apache-Redwood Turn Around Turn Around Turn Around Around Turn Aroun	e ZIP	Midland, TX 7970	9			City, State ZIP		Artesi	a. NM 8	38210			Repor	ting Leve	ting Level II TLevel II	Reporting Level II DLevel III ST/UST
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Identification Date Time Soil Water Graph Comp # of Comp # of Comp # of Cont # of Comp # of Cont # of Comp # of Cont # of Cont </td <td></td> <td>Sample Custody Seals</td> <td>Yes</td> <td>IO NA</td> <td>Temperature Re</td> <td>ading</td> <td>1 Ta</td> <td>L</td> <td>В</td> <td>15M</td> <td>Ch</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Zn Acetate+NaOH Zn</td>		Sample Custody Seals	Yes	IO NA	Temperature Re	ading	1 Ta	L	В	15M	Ch						Zn Acetate+NaOH Zn
Date Time Soil Water Grab/ comp # of comp					Corrected Lemp	verature.		╫╴	<u> </u>	PH 80							NaOH+Ascorbic Acid SAPC
7/18/2023 X G 1 X X		Sample Identi	Ification	Date	Time	Soll				IT							
7/18/2023 X G 1 X X		H-1 (0-0	5)	7/18/2023		×	G	-+	-+	×	×		-+	-			
7/18/2023 X G 1 X X		H-2 (0-0	5')	7/18/2023		×	9		×	×	×						
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7/18/2023 X G 1 X X		H-5 (0-0	5')	7/18/2023		×	6		×	×	×						
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		and the second							Data	Time]		- R	eceiv	Received hy (Signature)		

7/31/2023

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12 13

Mann	M	Comments Email to Mil					H-15 (0-0 5')	H-14 (0-0 5')	H-13 (0-0 5')	H-12 (0-0 5')	H-11 (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 432-8	City, State ZIP Midlar	Address 310 W	Company Name Carmo	Project Manager Clinto
M M	Relinquished	Email to Mike Carmona / Mcarmona@carmonaresources com and Conner Moehring / Cmoehring@carmonaresources com					7/18/2023	7/18/2023	7/18/2023	7/18/2023	7/18/2023				Yes No N/A	Yes No N/A	Yes No	Temp Blank.		CCM	Eddy County, New Mexico	2075	Apache-Redwood	432-813-6823	Midland, TX 79701	310 W Wall St Ste 500	Carmona Resources	Clinton Merritt
MUS	Relinquished by (Signature)	10na@carmonar										Time		Corrected Temperature.	Temperature Reading	Correction Factor	Thermometer ID	Yes No			/ Mexico		rood					
		esources com					×	×	×	×	×	Soll		erature.	ading	7		Wet Ice			Due Date	Routine	Turn/	Email				
		and Conner M	 				G	G	G	ى ە	G	Water Comp					1	Yes No			Standard TAT	Rush	Turn Around	gcarrasco@durangomidstream.com	City, State ZIP	Address	Company Name	Bill to' (if different)
7-		oehring / (1	-1	1	1	-	Cont		ł		Pa	ram	netei	ſS	4		Code		angomidst		N		
19-2	Date/Time	Smoehrir					× ×	× ×	× ×	× ×	× ×	т	 PH 8	015		GR		DRO	+ M	RO)				ream con	Artesia, NM 88210	88 W Kin	Durango Midstream	Lupe Carrasco
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	Date/Time				30945 -	Loc: 880 -	ſ					Sample Comments	NACHTRACOIDIC ACID SAPC		None 72	-OSE	ABIC		NaOH Na			DI Wa	Preservative Codes	Other			RC perfund	
	me											ints	AFC					1				DI Water: H-O	des		°₹ □	1	fund _	

7/31/2023

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Work Order No:

Job Number: 880-30945-1

List Source: Eurofins Midland

SDG Number: Eddy County New Mexico

Login Sample Receipt Checklist

Client: Carmona Resources

Login Number: 30945 List Number: 1

<6mm (1/4").

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	N/A	

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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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



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

Received:	09/01/2023	Sampling Date:	08/29/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 1 (0-1') (H234749-01)

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	107 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	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	0						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/01/2023	Sampling Date:	08/29/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 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						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/01/2023	Sampling Date:	08/29/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 1 (2') (H234749-03)

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	104	% 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	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	79.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.7	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/01/2023	Sampling Date:	08/29/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 2 (0-1') (H234749-04)

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	Analyze	d 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	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	83.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.2	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/01/2023	Sampling Date:	08/29/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 2 (1.5') (H234749-05)

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	% 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	75.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.9	% 49.1-14	8						

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

Received:	09/01/2023	Sampling Date:	08/29/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 2 (2') (H234749-06)

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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	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						

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

Received:	09/01/2023	Sampling Date:	08/29/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 2 (3') (H234749-07)

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	% 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	76.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.4	% 49.1-14	8						

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

Received:	09/01/2023	Sampling Date:	08/29/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 2 (4') (H234749-08)

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	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	09/01/2023	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	76.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.5	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/01/2023	Sampling Date:	08/29/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 3 (0-1') (H234749-09)

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*	0.060	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						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/01/2023	Sampling Date:	08/29/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 3 (1.5') (H234749-10)

BTEX 8021B	mg/	/kg	Analyze	d 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*	0.386	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	% 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	09/01/2023	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						
Surrogate: 1-Chlorooctadecane	89.9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/01/2023	Sampling Date:	08/29/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 3 (2') (H234749-11)

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	110 \$	% 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	32.0	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	85.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.3	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/01/2023	Sampling Date:	08/29/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 3 (3') (H234749-12)

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	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	32.0	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	83.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.3	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/01/2023	Sampling Date:	08/29/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 3 (4') (H234749-13)

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	103 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	144	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	89.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/01/2023	Sampling Date:	08/29/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 4 (0-1') (H234749-14)

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*	0.060	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, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	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	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/01/2023	Sampling Date:	08/29/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 4 (1.5') (H234749-15)

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	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	32.0	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	91.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	8						

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

Received:	09/01/2023	Sampling Date:	08/29/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 4 (2') (H234749-16)

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*	0.058	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 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	09/01/2023	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						

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

Received:	09/01/2023	Sampling Date:	08/29/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 4 (3') (H234749-17)

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	109	% 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	83.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.8	% 49.1-14	8						

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

Received:	09/01/2023	Sampling Date:	08/29/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 4 (4') (H234749-18)

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	106	% 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	112	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	78.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.0	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/01/2023	Sampling Date:	08/29/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 5 (0-1') (H234749-19)

BTEX 8021B	mg,	′kg	Analyze	d 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	% 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	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						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/01/2023	Sampling Date:	08/29/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 5 (1.5') (H234749-20)

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	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	09/01/2023	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						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/01/2023	Sampling Date:	08/29/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 5 (2') (H234749-21)

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	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						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/01/2023	Sampling Date:	08/29/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 5 (3') (H234749-22)

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	107 5	% 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	09/01/2023	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						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/01/2023	Sampling Date:	08/29/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 5 (4') (H234749-23)

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	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	96.0	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	94.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/01/2023	Sampling Date:	08/29/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 6 (0-1') (H234749-24)

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	09/01/2023	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 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	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						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/01/2023	Sampling Date:	08/29/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 6 (1.5') (H234749-25)

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	09/01/2023	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 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	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						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/01/2023	Sampling Date:	08/29/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 6 (2') (H234749-26)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 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	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 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/01/2023	Sampling Date:	08/29/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 7 (0-1') (H234749-27)

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	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	368	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*	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	% 49.1-14	8						

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

Received:	09/01/2023	Sampling Date:	08/29/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 7 (1.5') (H234749-28)

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, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	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	73.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.0	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/01/2023	Sampling Date:	08/29/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 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, 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	09/01/2023	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 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/01/2023	Sampling Date:	08/29/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 7 (3') (H234749-30)

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	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	32.0	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*	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						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/01/2023	Sampling Date:	08/29/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 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, 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	09/01/2023	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						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/01/2023	Sampling Date:	08/29/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 8 (0-1') (H234749-32)

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	09/01/2023	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, SM4500Cl-B	mg/	/kg	Analyzed 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	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*	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						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/01/2023	Sampling Date:	08/29/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 8 (1.5') (H234749-33)

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	09/01/2023	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 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	<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

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/01/2023	Sampling Date:	08/29/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 8 (2') (H234749-34)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 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	09/01/2023	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 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/01/2023	Sampling Date:	08/29/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 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 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	09/01/2023	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 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/01/2023	Sampling Date:	08/29/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 8 (4') (H234749-36)

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	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 9	% 49.1-14	8						

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

Received:	09/01/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 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 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	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 9	% 49.1-14	8						

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

Received:	09/01/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 9 (1.5') (H234749-38)

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 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	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 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/01/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 9 (2') (H234749-39)

BTEX 8021B	mg,	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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, SM4500Cl-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						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/01/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 9 (3') (H234749-40)

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	Analyze	d 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	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	94.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	49.1-14	8						

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	CARMONA RESOURCES	
	CLINT MERRITT	
	310 W WALL ST SUITE 415	
	MIDLAND TX, 79701	
	Fax To:	
09/01/2023		Sampling Date:

Received:	09/01/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 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, SM4500Cl-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 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/01/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 10 (1.5') (H234749-42)

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	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	688	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	83.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.8	% 49.1-14	8						

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

Received:	09/01/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 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	Analyze	d 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	<i>93.8</i>	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/01/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 10 (3') (H234749-44)

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	% 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	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						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/01/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 10 (4') (H234749-45)

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	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	09/01/2023	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	82.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.1	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/01/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 10 (5') (H234749-46)

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 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	112	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	83.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.8	% 49.1-14	8						

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	CARMONA RESOURCES	
	CLINT MERRITT	
	310 W WALL ST SUITE 415	
	MIDLAND TX, 79701	
	Fax To:	
00/01/2022		Compling Data

Received:	09/01/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 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 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	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 9	% 49.1-14	8						

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

Received:	09/01/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 11 (1.5') (H234749-48)

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	115 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	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	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						

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

Received:	09/01/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 11 (2') (H234749-49)

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	% 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	09/01/2023	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	82.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.3	% 49.1-14	8						

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

Received:	09/01/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 11 (3') (H234749-50)

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	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	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						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/01/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 11 (4') (H234749-51)

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	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	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						

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2075

DURANGO-EDDY COUNTY, NEW MEXICC

Tamara Oldaker

Sample Received By:

Analytical Results For:

	CARMONA RESOURCES		
	CLINT MERRITT		
	310 W WALL ST SUITE 415		
	MIDLAND TX, 79701		
	Fax To:		
09/01/2023		Sampling Date:	08/30/2023
09/06/2023		Sampling Type:	Soil
APACHE - REDWOC	D	Sampling Condition:	Cool & Intact

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

Received:

Reported:

Project Name:

Project Number:

Project Location:

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 %	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	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 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/01/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 (1.5') (H234749-53)

BTEX 8021B	mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	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	8015M mg/kg		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	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						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/01/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
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

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/01/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 (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	% 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

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/01/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 (4') (H234749-56)

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	108	% 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	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						

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Celey D. Keene, Lab Director/Quality Manager



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

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

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-	-			Comments: Email to	T-3 (1.5')	1-3 (0-1)	1-2 (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	#	Sampler's Name:	Project Location	Project Number:	Project Name:			e ZIP:			Project Manager:	
				il to Mike Carmona	1.5')	J-1)	(4')	(3')	(2')	1.5"))-1")	2')	.5')	-1")	ntification		ls: Yes						Eddy		+		432-813-6823	Midland, TX 79701	310 W Wall St Ste 500	Carmona Resources	Clinton Merritt	
	Relinquished			-	8/29/2023	C207/67/0	c207/67/8	8/29/2023	8/29/2023	8/29/2023	8/29/2023	8/29/2023	8/29/2023	8/29/2023	Date	,	NO NIA	No				FV	Eddy County, New Mexico	2075	Apache-Redwood	-		9701	Ste 500	ources		
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	-			Mcarmona@carmonaresources.com and	>	×	××	× >	< ×	× ×	×	×	×	×	Soil	perature:	eading:			Wet ice.			Due Date:	✓ Routine	Ium	Turr	Email					
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Work Order No:

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	V			2	: Email to Mike	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		ers:	ody Seals:	iy Seals:	ct	ECEIPT		ne:	on	er.		TUE U					er. Clinton Merritt			
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Chain of Custody

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	432-813-6823		Email:	gcarrasco@durangomidstream.com	rangomid	stream	1.com				
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Project Number:	2075		 ✓ Routine 	Rush	Pres. Code						
Project Location	Eddy County, New Mexico		Due Date:	Standard TAT)				
Sampler's Name:	FV						MRG				5
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Chain of Custody

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Work Order No: _

0	Cart	24			Comments: Email to						,	T-8 (2')	T-8 (1.5')	T-8 (0-1')	T-7 (4')	Sample Identification	Total Containers:	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO#	Sampler's Name:	Draient prostion	Project Number:	Project Name:		te ZIP:			Project Manager: Clinto			
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Chain of Custody

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Work Order No:

H23

Received by OCD: 11/16/2023 10:13:34 AM

Chain of Custody

Page 154 of 277

Page 64 of 64

Work Order No:

H2341

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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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



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

Received:	09/01/2023	Sampling Date:	08/29/2023
Reported:	09/06/2023	Sampling Type:	Soil
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 - 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	EX <0.300 0.300		09/02/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/01/2023	ND	416	104	400	3.77	
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	09/01/2023	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						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	09/01/2023	Sampling Date:	08/29/2023
Reported:	09/06/2023	Sampling Type:	Soil
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	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 104 % 71		% 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	80.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.1	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

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Order Comments Isrownfields IRC ADaPT Other: ADaPT Other: None: NO - Cool: Cool Cool: Cool H3PO4: H2 H2S04: H2 H3PO4: H2 NaHSO3: NASO3 Zn Acetate+NAOH NaOH+Ascorbic A Sample Co Da Image: Analytic Acetate	A			++	+	++	+		_					-			1	_				Level II		PRP	Work
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Le Co					+	$\left \right $	+		-		NaO	Zn A	Na ₂ S	NaH	H ₃ P	H ₂ S	HCL	Coo	Non		PT	T/UST		wnfield	r Com
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□perfund □Level IV [Level IV] DI Water: H ₂ C DI Water: H ₂ C MeOH: Ma HNO ₃ : HN NaOH: Na HNO ₃ : HN NaOH: Na E/Time										ple Co	orbic A	+NaOH	aSO3	ABIS			-	_	× .	ervativ	ther:	_			
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Page 5 of 5

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Work Order No:



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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

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	Qualifie
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	4								
Chloride, SM4500Cl-B	/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	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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	0						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

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	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	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	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

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

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	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	89.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

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 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	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

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	% 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	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	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

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 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	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	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



2075

DURANGO-EDDY COUNTY, NEW MEXICC

Shalyn Rodriguez

Sample Received By:

Analytical Results For:

		CARMONA RESOURCES CLINT MERRITT 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:		
	09/22/2023		Sampling Date:	09/21/2023
	09/27/2023		Sampling Type:	Soil
:	APACHE - REDWOOI)	Sampling Condition:	** (See Notes)

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

Received:

Reported: Project Name:

Project Number:

Project Location:

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	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	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	82.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.4	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

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

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	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	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						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

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

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 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	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	81.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.1	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

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	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

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

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	% 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	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						

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Celey D. Keene, Lab Director/Quality Manager



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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

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

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 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	79.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.6	% 49.1-14	8						

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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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: CS - 13 (1.5') (H235183-13)

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	84.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.4	% 49.1-14	8						

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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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: CS - 14 (2.0') (H235183-14)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	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	83.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.6	% 49.1-14	8						

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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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: CS - 15 (2.0') (H235183-15)

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	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	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	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 9	% 49.1-14	8						

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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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: CS - 16 (2.0') (H235183-16)

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	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	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	85.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.5	% 49.1-14	8						

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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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: CS - 17 (2.0') (H235183-17)

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 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	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	83.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.8	% 49.1-14	8						

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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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: CS - 18 (2.0') (H235183-18)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	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	73.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.5	% 49.1-14	8						

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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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: CS - 19 (2.0') (H235183-19)

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	% 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	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						

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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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: CS - 20 (2.0') (H235183-20)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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, 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		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						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: CS - 21 (2.0') (H235183-21)

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	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	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						

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Celey D. Keene, Lab Director/Quality Manager



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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: CS - 22 (2.0') (H235183-22)

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	% 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	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						

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Celey D. Keene, Lab Director/Quality Manager



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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: CS - 23 (2.0') (H235183-23)

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	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	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						

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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
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 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	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	91.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.4	% 49.1-14	8						

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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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

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 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	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.7	% 49.1-14	8						

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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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: CS - 26 (2.0') (H235183-26)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	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	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						

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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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: CS - 27 (2.0') (H235183-27)

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	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	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						

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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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: CS - 28 (2.0') (H235183-28)

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	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	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	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						

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Celey D. Keene, Lab Director/Quality Manager



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
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	% 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	77.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.8	% 49.1-14	8						

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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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: CS - 30 (2.0') (H235183-30)

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	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	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						

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Celey D. Keene, Lab Director/Quality Manager



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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: CS - 31 (2.0') (H235183-31)

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	09/25/2023	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, 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	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	94.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.8	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

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	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	85.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.7	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

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	% 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						

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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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: CS - 34 (1.5') (H235183-34)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	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	89.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.9	% 49.1-14	8						

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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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: CS - 35 (1.5') (H235183-35)

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, 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						

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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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: CS - 36 (1.5') (H235183-36)

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 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	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						

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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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

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 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	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 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	129 9	% 49.1-14	8						

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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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: CS - 38 (1.5') (H235183-38)

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	% 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	91.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.7	% 49.1-14	8						

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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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

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, SM4500Cl-B	mg,	/kg	Analyze	d 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						

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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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: CS - 40 (1.5') (H235183-40)

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, SM4500Cl-B	mg/	/kg	Analyze	d 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						

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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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: CS - 41 (1.5') (H235183-41)

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	Analyze	d 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						

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	CARMONA RESOURCES		
	CLINT MERRITT		
	310 W WALL ST SUITE 415		
	MIDLAND TX, 79701		
	Fax To:		
09/22/2023		Sampling Date:	
~~ /~~ /~~~~			

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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

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 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	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	81.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.8	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

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 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	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						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

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, SM4500CI-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	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

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						

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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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: CS - 46 (1.5') (H235183-46)

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	111 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	48.0	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	80.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.7	% 49.1-14	8						

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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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: CS - 47 (1.5') (H235183-47)

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 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	48.0	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	59.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	63.5	% 49.1-14	8						

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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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	lyzed 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						

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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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

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	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	89.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.3	% 49.1-14	8						

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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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: CS - 50 (3.5') (H235183-50)

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	111 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	89.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.4	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: CS - 51 (3.5') (H235183-51)

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 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	89.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.0	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: CS - 52 (3.5') (H235183-52)

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	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						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: CS - 53 (3.5') (H235183-53)

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, 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	69.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.2	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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
Project Location:	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	Analyze	d 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						

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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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: CS - 55 (3.5') (H235183-55)

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	09/26/2023	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	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	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						

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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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: CS - 56 (1.5') (H235183-56)

BTEX 8021B	mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	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	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						

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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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: SW - 1 (2.5') (H235183-57)

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	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	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	70.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.1	% 49.1-14	8						

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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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: SW - 2 (2.5') (H235183-58)

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	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	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						

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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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: SW - 3 (2.5') (H235183-59)

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 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	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						

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Celey D. Keene, Lab Director/Quality Manager



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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: SW - 4 (2.5') (H235183-60)

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 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	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.2	% 49.1-14	8						

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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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

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 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	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: SW - 6 (1.5') (H235183-62)

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 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	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	81.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.6	% 49.1-14	8						

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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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

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 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	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.4	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: SW - 8 (1.5') (H235183-64)

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 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	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						
Surrogate: 1-Chlorooctadecane	92.3	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: SW - 9 (1.5') (H235183-65)

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 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	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						

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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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: SW - 10 (1.5') (H235183-66)

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	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	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	94.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: SW - 11 (1.5') (H235183-67)

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 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	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						

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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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: SW - 12 (1.0') (H235183-68)

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	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	96.0	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	83.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.4	% 49.1-14	8						

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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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: SW - 13 (2.0') (H235183-69)

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	115 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	85.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.8	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: SW - 14 (2.0') (H235183-70)

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	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	96.0	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	80.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88. <i>3</i>	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: SW - 15 (2.0') (H235183-71)

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	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	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						

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Celey D. Keene, Lab Director/Quality Manager



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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: SW - 16 (2.0') (H235183-72)

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	96.0	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	80.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.6	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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
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 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	95.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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
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						

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Celey D. Keene, Lab Director/Quality Manager



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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: SW - 19 (2.0') (H235183-75)

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	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	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						

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Celey D. Keene, Lab Director/Quality Manager



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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

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 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	93.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.4	% 49.1-14	8						

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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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

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 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	91.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.2	% 49.1-14	8						

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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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: SW - 22 (1.5') (H235183-78)

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	88.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.0	% 49.1-14	8						

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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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: SW - 23 (1.5') (H235183-79)

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	80.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.0	% 49.1-14	8						

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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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: SW - 24 (1.5') (H235183-80)

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 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	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	88.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.4	% 49.1-14	8						

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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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

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						

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Celey D. Keene, Lab Director/Quality Manager



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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: SW - 26 (1.5') (H235183-82)

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	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	91.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.8	% 49.1-14	8						

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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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: SW - 27 (1.5') (H235183-83)

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	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						

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Celey D. Keene, Lab Director/Quality Manager



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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: SW - 28 (1.5') (H235183-84)

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	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	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.2	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

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 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	88.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.5	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

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						

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Celey D. Keene, Lab Director/Quality Manager



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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: SW - 31 (3.5') (H235183-87)

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	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.3	% 49.1-14	8						

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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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

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						

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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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

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						

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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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: SW - 34 (3.5') (H235183-90)

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	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						

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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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: SW - 35 (3.5') (H235183-91)

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	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	91.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: SW - 36 (3.5') (H235183-92)

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	85.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.3	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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 SM4500CI-B does not require samples be received at or below 6°C

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

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

	Mun	1	11	Comments: Email to	(0 CS-10 (1.5)	9 CS-9 (1.5')	8 CS-8 (1.5')	7 CS-7 (1.5')	6 CS-6 (1.5')	5 CS-5 (1.5')	(CS-4 (2.5)	~	2 CS-2 (2.5')		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: 4	ate ZIP:		Company Name: 0	Project Manager: 0
	W W	Rélinquished by: (Signature)	1 -1	Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresou	5) 9/21/2023	9/21/2023	5 [']) 9/21/2023	5 ^{''}) 9/21/2023	5') 9/21/2023	5') 9/21/2023	5') 9/21/2023	5') 9/21/2023	5') 9/21/2023	5') 9/21/2023	ication Date		Yes No N/A	Yes No N/A	(Yes No	T 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
		y: (Signature)		na@carmonare											Time	Corrected Temperature:	Temperature Reading:	Correction Factor:	Thermometer ID:	Yes (No)			Mexico		bod					
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				and Conner M	С	С	С	С	С	С	C.	С	C	C	Water Grab/ Comp)	200	1	140	Yes No			Standard TAT	Rush	Turn Around	Email: gcarrasco@durangomidstream.com	City, State ZIP:	Address:	Company Name	Bill to: (if different)
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Work Order No: #2351

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Chain of Custody

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Project Manager:	Clinton Merritt	H			Bill to: (if different)		Lupe	Lupe Carrasco	8								-	lork o	Indox		aye		
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Project Number:		2075		Routine	Rush	Pres.					->	NALY	SIS RE	ANALYSIS REQUEST							rese	rvativ	Preservative Codes
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Chain of Custody

Work Order No: 4235183

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Jun	11	Comments: Email to Mike Carmona /	SW-4 (2.5')	SW-3 (2.5')	SW-2 (2.5')	SW-1 (2.5')	CS-56 (1.5')	CS-55 (3.5')	. CS-54 (3.5')	CS-53 (3.5')	CS-52 (3.5')	CS-51 (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	City, State ZIP: Mid	Address: 31(Company Name: Ca	Project Manager: Clin
why	Relinquish	Mike Carmona / Mca	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	ation Date		Yes No N/A	No	Yes No	Temp Blank:		FV	Eddy County, New Mexico	2075	Apachie-Redwood	432-813-6823	Midland, TX 79701	310 W Wall St Ste 500	Carmona Resources	Clinton Merritt
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Work Order No: <u>H235183</u>

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Chain of Custody

Released to Imaging: 3/19/2024 7:52:39 AM

	Ala			Comments: Email to Mike Carmona	SWL14 (2.0)	SW-12 (1.0)		SW-10 (1.5)				SW-6 (1.5')		Sample Identification	I otal Containers:	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO#:	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone: 4	ate ZIP:		Name:	Project Manager: (
20	und 1	AR		Mike Carmo	0)	0')	5')	5')	5")	5")	5')	5')	5')	lication		Yes	Yes No					Eddy		-	432-813-6823	Midland, TX 79701	310 W Wall St Ste 500	Carmona Resources	Clinton Merritt
	h	Relinguished by: (Signature)		-112	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		NO N/A	NO NIA	Yes No	Temp Blank:		FV	Eddy County, New Mexico	2075	Apache-Redwood		9701	t Ste 500	ources	
		r: (Signature)	Carritona											Time	Corrected Temperature:	Temperature Reading:	Correction Factor:	Thermometer ID:	Yes No			Mexico		bod			-		
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Released to Imaging: 3/19/2024 7:52:39 AM

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Chain of Custody

	flan	11	1 1/	Comments: Email to Mike Carmona	SW-24 (1.5")	SW-23 (1.5')	SW-22 (1.5')	SW-21 (1.5')	SW-20 (1.5')	SW-19 (2.0')	. SW-18 (2.0')	SW-17 (2.0')	SW-16 (2.0')	SVV-15 (2.0)		Sample Identification	Total Containers:	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO#	Sampler's Name:	Project Location	Project Number:	Project Name:	· 110110	ale 217.		INGILIC.	
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		: (Signature)		na@carmona											11110	Time	Corrected Temperature	Temperature Reading:	Correction Factor:	Thermometer ID:	Yes No			Mexico		bod				•	
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Work Order No: H235183

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Chain of Custody

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Received by OCD: 11/16/2023 10:13:34 AMS 65 200

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Chain of Custody

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Received by OCD: 11/16/2023 10:13:34 AM

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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.

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,

Celez D. Keine

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: 09/28/2023 Sampling Date:

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:	2075	Sample Received By:	Tamara Oldaker
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, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	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	0						

Cardinal Laboratories

*=Accredited Analyte

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

Celeg D. Keine

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:	2075	Sample Received By:	Tamara Oldaker
Project Location:	DURANGO-EDDY COUNTY, NEW MEXICC		

Sample ID: CS - 42 (1.75') (H235301-02)

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	09/29/2023	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 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	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						

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*=Accredited Analyte

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

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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 SM4500CI-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

							I imp (arraenn				_		Work	Work Order Comments	
Project Manager: Clint	Clinton Merritt				DIII IO. (II dillelelii)		Lubo Contracto						Drogra	Brogram: IIST/PST PRP Irownfields	Irownfields RC	RC Iperfund
Company Name: Carr	Carmona Resources	ces			Company Name	9:	Durang	Durango Milustream	call				State o	State of Project:		
	310 W Wall St Ste 500	e 500			Address:		288 W.	Kincaid	288 W. Kincaid Ranch Rd.				Crarce -			
e 71P:	Midland, TX 79701	4			City, State ZIP:		Artesia,	Artesia, NM 88210	210				Kepon			
	432-813-6823			Email	Email: gcarrasco@durangomidstream.com	urangomid	stream.	.com				L	Deliver			
				Turn	Turn Around					AN	NALYS	IALYSIS REQUEST	UEST		Pres	Preservative Codes
Project Name:	nha	Abacile-Ivenwood	5	Routin	Rush	Pres.									None: NO	DI Water: H ₂ O
Project Number:		2075		Noutine				+	+		-	-			Cool: Cool	MeOH: Me
Project Location	Eddy Co	Eddy County, New Mexico	exico	Due Date:	Standard TAT	1-		0)		1	-				HCL: HC	
Sampler's Name:		MM						MRG							H ₂ S0 ₄ : H ₂	NaOH: Na
PO#						ers		0+			_					
	Temp	Rlank-	Yes Nor	Wet Ice:	Yes No	nete	1B		500		_	_			H3PU4. NP	200
	XAC	No			140	arar	802	-	de 4		,	_				NACO NACO
Cooler Custody Seals'	Yes N	NIA	Correction Factor:	or:	١	P	TE)	-	hlor					-	7n Acetate+NaO	7n Acetate+NaOH: 7n
Sample Custody Seals:		V	Temperature Reading:	eading:	3,1		E	-	C						NaOH+As	NaOH+Ascorbic Acid: SAPC
Total Containers:			Corrected Temperature:	perature:	1			H 80	-			-				
Sample Identification	ation	Date	Time	Soil	Water Comp	b/ # of Cont		TP				-			San	Sample Comments
· CC 41 (1 75)	5	0/28/2023		×		-	×	×	×							
CS-42 (1 75)	5	9/28/2023		×	c	1	×	X	×			\vdash				
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Chain of Custody

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Page 5 of 5

Work Order No: H2553

APPENDIX F

CARMONA RESOURCES

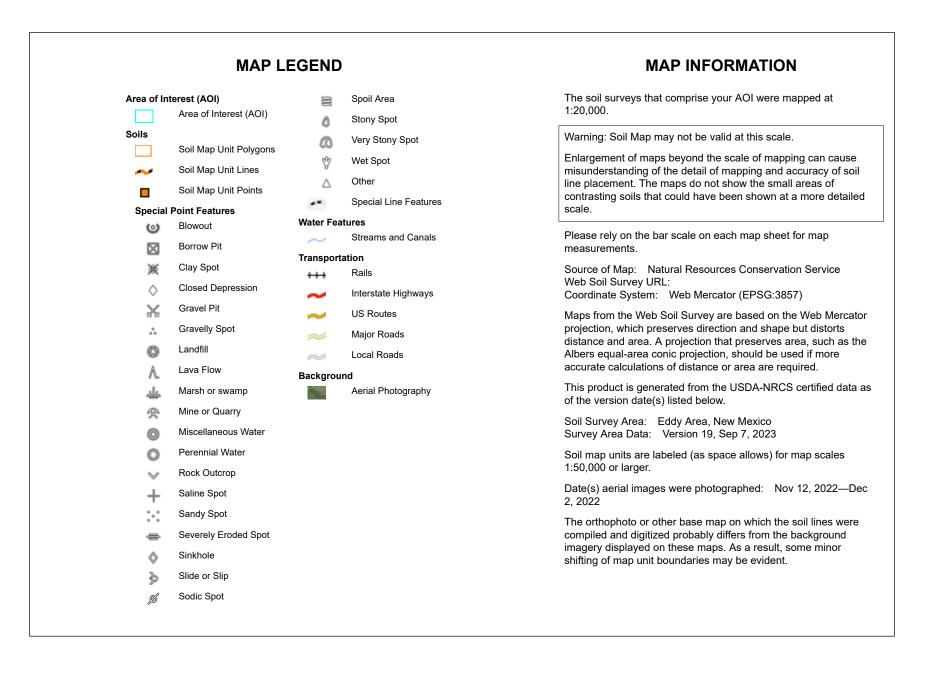
Received by OCD: 11/16/2023 10:13:34 AM



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Web Soil Survey National Cooperative Soil Survey

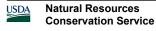
11/14/2023 Page 1 of 3





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

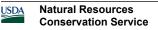
Description of Cottonwood

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



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

NW NE



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Bamert Seed Company Inc.

1897 CR 1018 Muleshoe, TX 79347 - BLM LPC Blend

Kind & Variety

Bluestem Big. "Kaw" (Andropogon gr Bluestern, Little "Cimarron" (Schizach scoparium) Blue cem, Sand "Chet" (Andropogon ' Bristlegrass Plains, (Setaria vulpiseta) Coreopsis, "Plains" (Coreopsis Tinctor Dropseed, Sand (Sporobolus cryptanr'

Purity: 75.80% Inert Matter: Noxious Weed Seed Per/Lb: None

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(800) 262-9892

	Pure Seed	Germ	Dormant	Hard Seed	Origin	
gerardii)	19.46%	94.00%	4.00%	0.00%	Origin	
achyrium	13.43%	67.00%	4.00%		ТΧ	
n hallii)	16.39%			0.00%	ТХ	
eta)	17.47%	92.00% 21.00%	5.00%	0.00%	ТХ	
ctoria)	6.84%	93.00%	70.00%	0.00%	OK	
andrus)	3.21%	8.00%	0.00%	0.00%	NC	
r: 19.60%	Othe		91.00%	0.00%	ТХ	
		p Seed: 3.5		Weed See	d. 0 000	
	rest Dat	e: 05/2023			····	

Permit # TX00905

Lot/Sales # SO-79220

Net Wt: 40 lbs

M-Chavez-8-S-07262023 23 Oct 2023, 11:08:55

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Operator:	OGRID:
FRONTIER FIELD SERVICES, LLC	221115
10077 Grogans Mill Rd.	Action Number:
The Woodlands, TX 77380	286355
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	Remediation and reclamation closure approved.	
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

CONDITIONS

Action 286355