

SITE INFORMATION

Closure Report Mamba 30 State Com 744/745 Lea County, New Mexico Unit O Sec 30 T24S R33E Incident #: NAPP2213054038 32.182000°, -103.607500°

Reuse Water Release Point of Release: Overflow of Frac Tanks Release Date: 05/03/2022 Volume Released: 272 barrels of Reuse Water Volume Recovered: 260 barrels of Reuse Water



Prepared for: EOG Resources, Inc 5509 Champions Dr. Midland, TX 79706

Prepared by: Carmona Resources, LLC 310 West Wall Street Suite 415 Midland, Texas 79701

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October 13, 2022

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

Re: Closure Report Mamba 30 State Com #744/745 EOG Resources Inc. Incident ID NAPP2213054038 Site Location: Unit O, S30, T24S, R33E (Lat 32.182000°, Long -104.607500°) Lea County, New Mexico

To whom it may concern:

On behalf of EOG Resources Inc. (EOG), Carmona Resources, LLC has prepared this letter to document site activities for Mamba 30 State Com #744/745. The site is located at 32.182000° -104.607500° within Unit O, S30, T24S, R33E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on May 3, 2022, due to overflowing frac tanks. It resulted in the release of two hundred and seventy-two (272) barrels of reuse water and two hundred and sixty (260) barrels of reuse water being recovered. See figure 3. The initial C-141 form is attached in Appendix C.

On August 4, 2022, the OCD approved the remediation plan with a variance to collect composite confirmation sidewall and bottom hole samples every 400 square feet.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water sources are within a 0.50-mile radius of the location. The closest well is located approximately 1.24 miles Southeast of the site in S05, T25S, R33E and was drilled in 1948. The well has a reported depth to groundwater of 90' feet below ground surface (ft bgs). A copy of the associated USGS – National Water Information System report is attached in Appendix D.

On August 9, 2022, Scarborough Drilling, Inc was onsite to drill a groundwater determination bore to 55 ft below ground surface and within a 0.50-mile radius of the location. The bore was left open for 72 hours and tagged with a water level meter. No water was detected at 55' below the surface. The coordinates for the groundwater determination bore are 32.182522°, -103.607080°. See Appendix D for the driller's log.

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.

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- TPH: 2,500 mg/kg (GRO + DRO + MRO).
- TPH: 1,000 mg/kg (GRO + DRO).
- Chloride: 10,000 mg/kg.

4.0 Site Assessment Activities

Trenches

On July 19, 2022, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. Three (3) trenches and four (4) horizontal sample points were advanced to depths ranging from the surface to 6' bgs inside and surrounding the release area to assess the vertical and horizontal extent. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E. See Table 1 for the analytical results.

The areas (T-1, T-2, and T-3) showed TPH, benzene, and total BTEX below the reporting limits. However, area T-1 showed a high chloride concentration of 2,130 mg/kg at 6' bgs and was not vertically defined due to a dense formation layer. The area of T-2 showed elevated chloride concentrations at the surface to 2.0' bgs, then declined with depth. The area of T-3 showed high chloride concentrations at the surface to 4.0' bgs, then decreased with depth showing a concentration of 502 mg/kg at 5.0' bgs. All horizontal samples were defined except area H-1.

The results of the sampling are summarized in Table 1. See Figure 3 for the sample locations.

Drilling Activities

On August 9, 2022, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts from the release with an air rotary rig due to the dense formation encountered at a depth of 6.0' bgs. One (1) borehole and one (1) horizontal sample point was advanced to depths ranging from the surface to 10' bgs inside and surrounding the release area to assess the vertical and horizontal extent. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Cardinal Laboratories in Hobbs, New Mexico. 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 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.

The results of the sampling are summarized in Table 1. See Figure 3 for the sample locations.

5.0 Remediation Activities

Carmona Resources personnel were onsite from August 24, 2022, through September 19, 2022, 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 August 23, 2022, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The areas of T-1 and T-3 were excavated to a depth of 4'-4.3' bgs to remove all impacted soils. The area of T-2 was excavated to a depth of 3.5' bgs to remove all impacted soils. A total of sixty (60) confirmation samples were collected (CS-1 through CS-60), and thirteen (13) sidewall samples (SW-1 through SW-13) were collected every 400 square feet to ensure 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-ofcustody documentation are included in Appendix E. The sampling results are summarized in Table 2. The excavation depths and confirmation sample locations are shown in Figure 4.

All final confirmation samples were below the respective reclamation and RRALs requirements for TPH, BTEX, and chloride. Refer to Table 2.

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 4,664 cubic yards of material were excavated and transported offsite for proper disposal.

6.0 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 EOG formally requests closure of the spill. If you have any questions regarding this report or need additional information, please contact us at 432-813-1992.

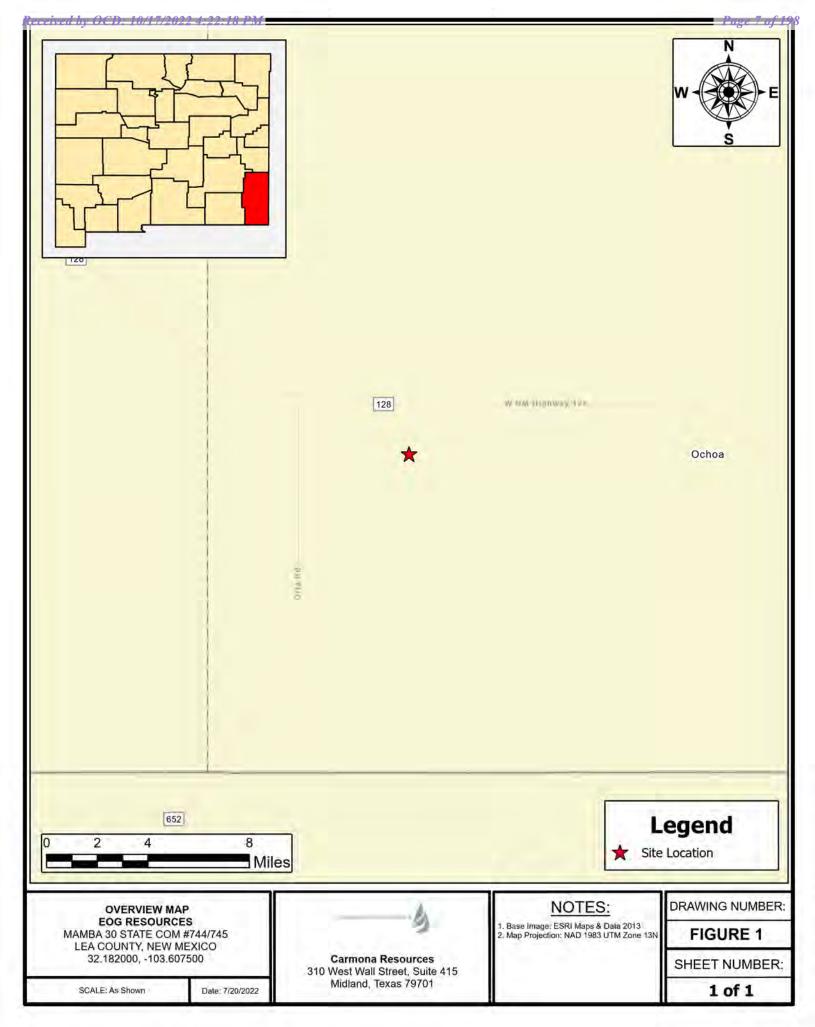
Sincerely, Carmona Resources, LLC

Mike Carmona Environmental Manager

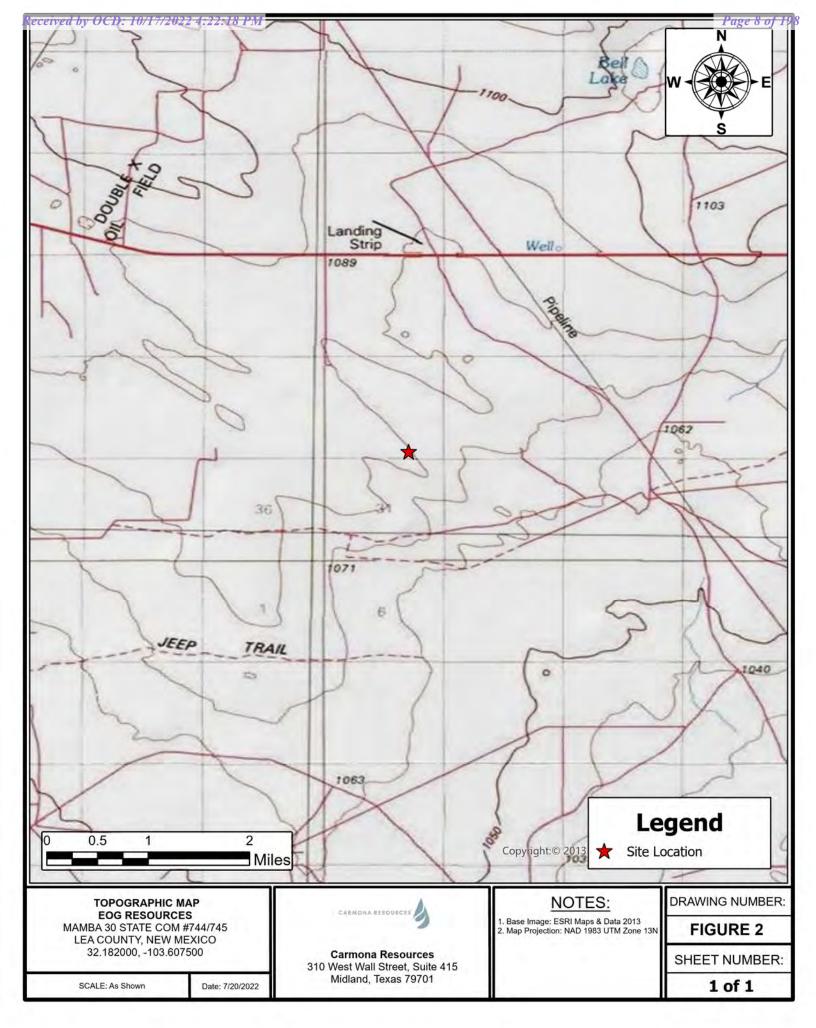
Conner Moehring Sr. Project Manager



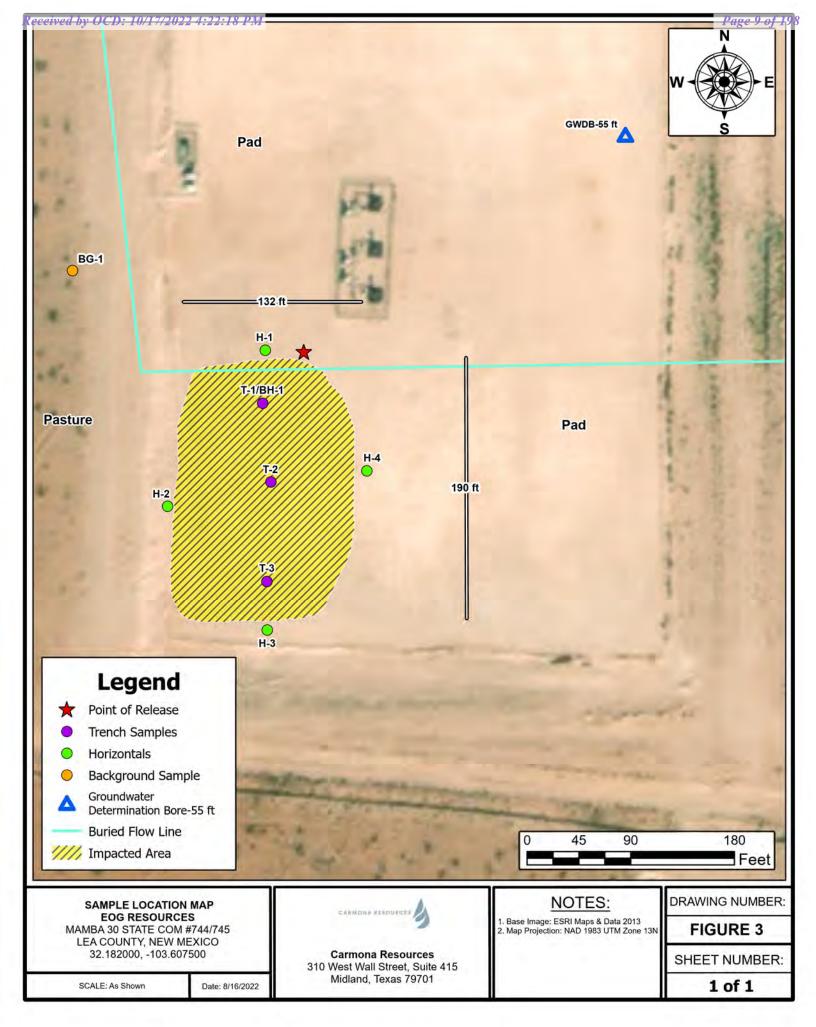


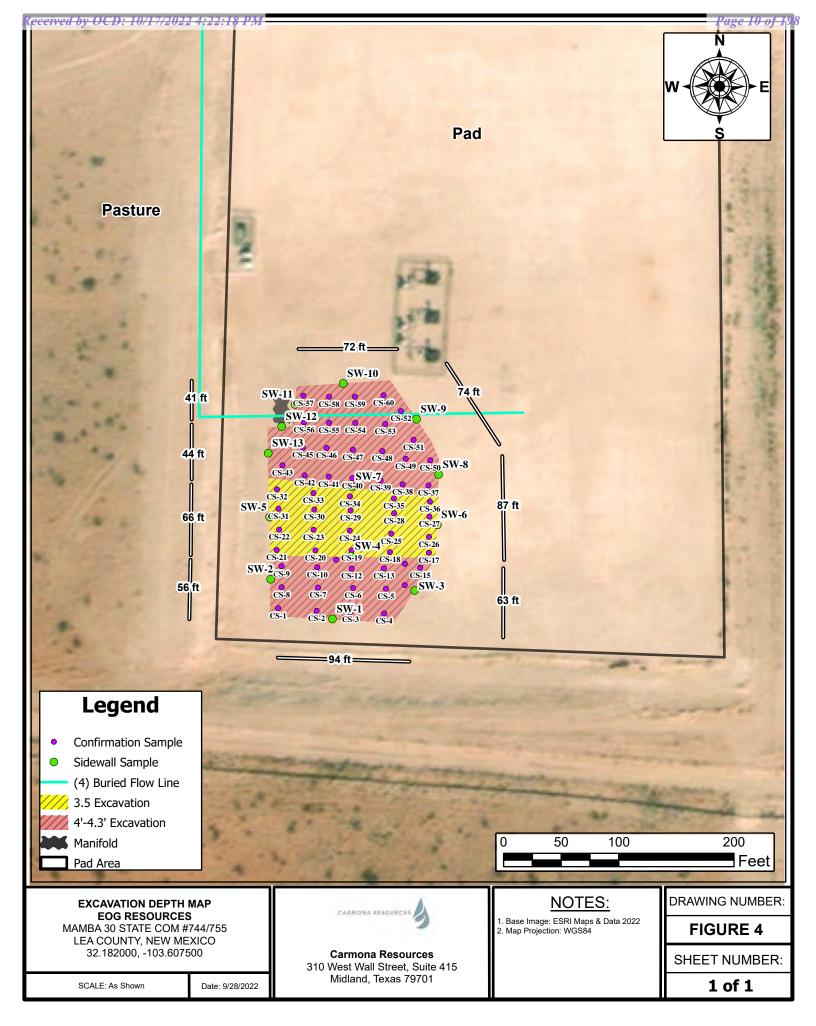


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APPENDIX A



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Table 1 EOG Mamba 30 State Com #744-745 Lea County, New Mexico

Sample ID	Date	Depth (ft)		TPI	H (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride (mg/kg)
Campione	Daio	2 opt.: (it)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	0
	7/19/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,040
		2.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	170
T-1	"	3.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	98.1
1-1	"	4.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	< 0.00402	1,160
		5.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,480
	"	6.0	<50.0	<50.0	<50.0	<50.0	<0.00199	< 0.00199	<0.00199	<0.00398	<0.00398	2,130
	8/9/2022	0-1	<10.0	<10.0	<10.0	<10.0	< 0.050	< 0.050	<0.050	<0.150	< 0.300	5,280
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,170
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	< 0.300	3,320
		4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	< 0.300	3,200
BH-1		5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,760
DU-1		6.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,640
		7.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,880
	"	8.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,390
	"	9.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	912
	"	10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	384
	7/19/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00200	< 0.00200	<0.00200	< 0.00401	<0.00401	9,120
	"	2.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	< 0.00402	3,090
T-2		3.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	< 0.00399	< 0.00399	592
	"	4.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	458
	"	5.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	19.8
	7/19/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	6,960
	"	2.0	<50.0	<50.0	<50.0	<50.0	< 0.00199	< 0.00199	< 0.00199	< 0.00398	< 0.00398	2,860
		3.0	<49.9	<49.9	<49.9	<49.9	< 0.00201	< 0.00201	<0.00201	< 0.00402	< 0.00402	4,840
Т-3		4.0	<49.8	<49.8	<49.8	<49.8	<0.00200	< 0.00200	<0.00200	< 0.00401	< 0.00401	6,330
	"	5.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	502
	"	6.0	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	546
Background-1	7/19/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	11.6
	7/19/2022	0-0.5	<49.8	348	<49.8	348	<0.00201	<0.00201	<0.00201	< 0.00402	<0.00402	1,110
H-1	8/9/2022	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	< 0.050	<0.050	<0.150	< 0.300	160
H-2	7/19/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	12.1
H-3	7/19/2022	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	25.2
H-4	7/19/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	24.3
	ory Criteria ^A		1	1,000 mg/kg	9	2,500 mg/kg	10 mg/kg	-	-	-	50 mg/kg	10,000 mg/kg
(-) Not	Analyzed		-					-				

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

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

(H) Horizontal

(T) Trench

(BH) Bore Hole

Removed

.

Table 2 EOG Mamba 30 State Com #744-745 Lea County, New Mexico

	Duta	D. J. KO		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)
CS-1	8/26/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-2	8/26/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-3	8/26/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-4	8/26/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-5	8/26/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	416
CS-6	8/26/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
CS-7	8/26/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
CS-8	8/26/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-9	8/26/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-10	8/26/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-11	8/26/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,410
CS-12	8/26/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-13	8/26/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	288
CS-14	8/26/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	368
CS-15	8/26/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-16	8/26/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-17	9/1/2022	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-18	9/1/2022	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-19	9/1/2022	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
CS-20	9/1/2022	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
	ry Criteria ^A Analyzed		1,000	mg/kg	-	2,500 mg/kg	10 mg/kg	-	-	-	50 mg/kg	10,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

.

Table 2 EOG Mamba 30 State Com #744-745 Lea County, New Mexico

0	Duti	De al (II)		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)
CS-21	9/1/2022	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	384
CS-22	9/1/2022	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
CS-23	9/1/2022	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
CS-24	9/1/2022	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-25	9/1/2022	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-26	9/1/2022	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-27	9/1/2022	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-28	9/1/2022	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-29	9/8/2022	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-30	9/8/2022	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304
CS-31	9/8/2022	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-32	9/8/2022	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-33	9/8/2022	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
CS-34	9/8/2022	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
CS-35	9/8/2022	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-36	9/8/2022	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-37	9/8/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
CS-38	9/8/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-39	9/8/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	384
CS-40	9/8/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	288
	ry Criteria ^A Analyzed		1,000	mg/kg	-	2,500 mg/kg	10 mg/kg	-	-	-	50 mg/kg	10,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

.

Table 2 EOG Mamba 30 State Com #744-745 Lea County, New Mexico

	Duti	De al Ma		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)
CS-41	9/8/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-42	9/8/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-43	9/8/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-44	9/8/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-45	9/8/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	400
CS-46	9/8/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	544
CS-47	9/8/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
CS-48	9/8/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-49	9/8/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
CS-50	9/8/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
CS-51	9/8/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-52	9/8/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	368
CS-53	9/8/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-54	9/8/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-55	9/8/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	352
CS-56	9/8/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	400
CS-57	9/8/2022	4-4.3	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-58	9/8/2022	4-4.3	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,280
CS-59	9/8/2022	4-4.3	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,600
CS-60	9/8/2022	4-4.3	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,120
	ry Criteria ^A Analyzed		1,000	mg/kg	-	2,500 mg/kg	10 mg/kg	-	-	-	50 mg/kg	10,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

•

Table 2 EOG Mamba 30 State Com #744-745 Lea County, New Mexico

Commis ID	Dete	Double (64)		TPF	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SW-1	8/26/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
SW-2	8/26/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304
SW-3	8/26/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
SW-4	8/26/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
SW-5	9/1/2022	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
SW-6	9/1/2022	3.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-7	9/8/2022	0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-8	9/8/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	784
	9/9/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	432
SW-9	9/8/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	352
SW-10	9/8/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
SW-11	9/8/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
SW-12	9/8/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-13	9/8/2022	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
	ory Criteria ^A		1,000	mg/kg	-	2,500 mg/kg	10 mg/kg	-	-	-	50 mg/kg	10,000 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

Removed

APPENDIX B



PHOTOGRAPHIC LOG

EOG Resources

Photograph) No. 1	150 180 210 SW 240 270
		© 214°SW (T) LAT: 32.182565 LON: -103.607047 ±4m ▲ 1078m
Facility:	Mamba 30 State Com 744/745	
County:	Lea County, New Mexico	
Description: View Southwe	est, of drilling the GWDB.	
		.09 Aug 2022, 11:29:44
Photograph	n No. 2	V NW N NE E
Facility:	Mamba 30 State Com 744/745	© 6°N (T)
County:	Lea County, New Mexico	
Description: View North, a	reas of confirmation samples (1-60).	
		08 Sep 2022.08 19 54
Photograph	No. 3	V N N NE E SE
Facility:	Mamba 30 State Com 744/745	© 52°NE (T)
County:	Lea County, New Mexico	
Description: View Northea	st, areas of confirmation samples (1-60).	
		08-Seb 2022, 08 19-16



APPENDIX C



District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 State of New Mexico Energy Minerals and Natural Resources Department

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

Incident ID	nAPP2213054038
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party EOG Resources	OGRID 7377
Contact Name Todd Wells	Contact Telephone (432) 686-3613
Contact email Todd_Wells@eogresources.com	Incident # (assigned by OCD) nAPP2213054038
Contact mailing address 5509 Champions Drive Midland, TX 79706	

Location of Release Source

Latitude 32.182000°

Longitude <u>-103.607500°</u> (NAD 83 in decimal degrees to 5 decimal places)

Site Name Mamba 30 State Com #744/745	Site Type Well Pad
Date Release Discovered 5/3/22	API# (if applicable)

Unit Letter	Section	Township	Range	County
0	30	24S	33E	Lea

Surface Owner: State Federal Tribal Private (Name: _____)

Nature and Volume of Release

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

Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
Reuse Water	Volume Released (bbls) 272	Volume Recovered (bbls) 260
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No
Condensate	Volume Released (bbls)	Volume Recovered (bbls)
Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
	perator was filling the frac tanks faster than the water w f treated reuse water in containment and some on the pa	

eceived by	OCD:	10/17/2022	84:22:18PPM	of New Mexico
form C-14			State	of New Mexico

Page 2	Page	2
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Oil Conservation Division

Incident ID	NAPP2213054038
District RP	
Facility ID	
Application ID	105768

Was this a major release as defined by	If YES, for what reason(s) does the responsible party consider this a major release? More than 25 bbls
19.15.29.7(A) NMAC?	
🖾 Yes 🗌 No	
	notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? E-mail
notification to the OCD E	inviro Inbox on 5/4/22.

Initial Response

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

 \square The source of the release has been stopped.

The impacted area has been secured to protect human health and the environment.

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

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

If all the actions described above have 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: <u>Todd Wells</u>	Title: <u>Environmental Specialist</u>
Signature: Todd Wells	Date: <u>5/10/22</u>
email: <u>Todd_Wells@eogresources.com</u>	Telephone: <u>(432) 686-3613</u>
OCD Only	
Received by: <u>Jocelyn Harimon</u>	Date: 05/10/2022

Page 3

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

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

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

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

Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
Field data
Data table of soil contaminant concentration data
Depth to water determination
Determination of water sources and significant watercourses within 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.

Form C-141	^{22:18} PM State of New Mexico	Incident ID	3 of 1
Page 4	Oil Conservation Division	District RP Facility ID	
		Application ID	
regulations all operators are require public health or the environment. T failed to adequately investigate and addition, OCD acceptance of a C-1 and/or regulations. Printed Name:	ed to report and/or file certain release notifications The acceptance of a C-141 report by the OCD does I remediate contamination that pose a threat to gro 41 report does not relieve the operator of responsi	hy knowledge and understand that pursuant to OCD rules and and perform corrective actions for releases which may endange s not relieve the operator of liability should their operations have undwater, surface water, human health or the environment. In bility for compliance with any other federal, state, or local laws	
Signature: Todd Well	A Date:		
email:	Teleph	none:	

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	1 NMAC
Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
Laboratory analyses of final sampling (Note: appropriate ODC	C District office must be notified 2 days prior to final sampling)
Description of remediation activities	
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of	tions. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in
Printed Name:	_ Title:
Signature: Todd Wells	Date:
email:	Telephone:
OCD Only	
Received by: Jocelyn Harimon	Date: <u>10/18/2022</u>
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.
Closure Approved by:	Date: <u>11/04/2022</u>
Printed Name: Jennifer Nobui	Title:Environmental Specialist A

From: Mike Carmona
Sent: Tuesday, August 23, 2022 10:59 AM
To: OCD.Enviro@state.nm.us
Cc: Conner Moehring; Todd Wells
Subject: EOG Mamba 30 State Com #744-745 Sampling Notification Incident #nAPP2213054038

Good Morning,

On behalf of EOG, Carmona Resources will collect confirmation samples at the below-referenced site <u>on</u> <u>08/25/22 around 10:00 a.m. Mountain Time</u>. Please let me know if you have any questions.

EOG Mamba 30 State Com #744-745 Incident # nAPP2213054038 32.182014°, -103.608086° Lea County, New Mexico

Mike J. Carmona 310 West Wall Street, Suite 415 Midland TX, 79701 M: <u>432-813-1992</u> Mcarmona@carmonaresources.com



APPENDIX D



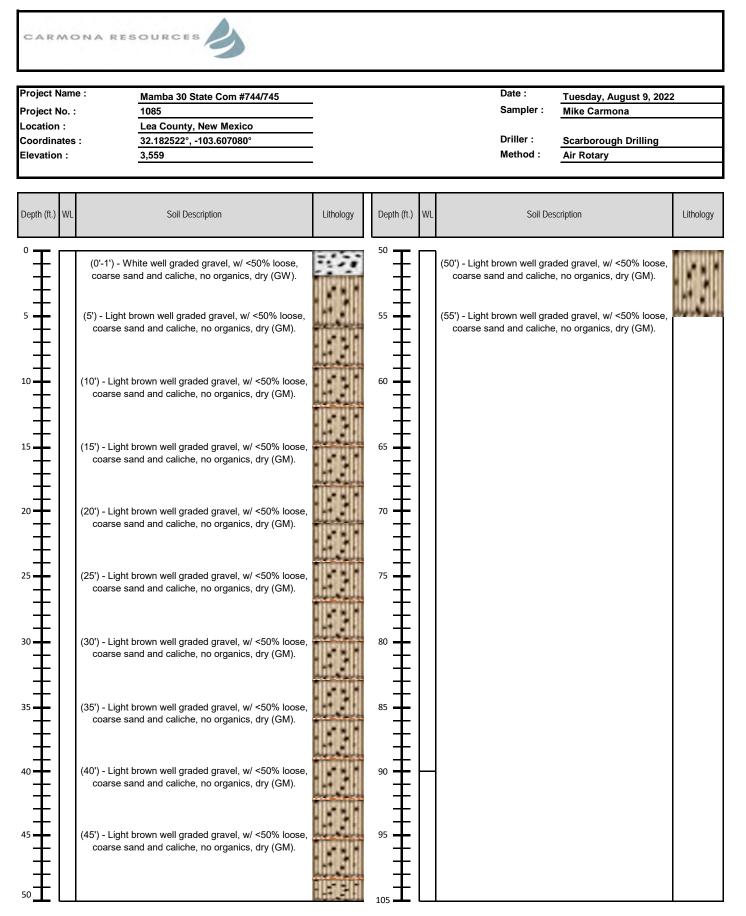








N

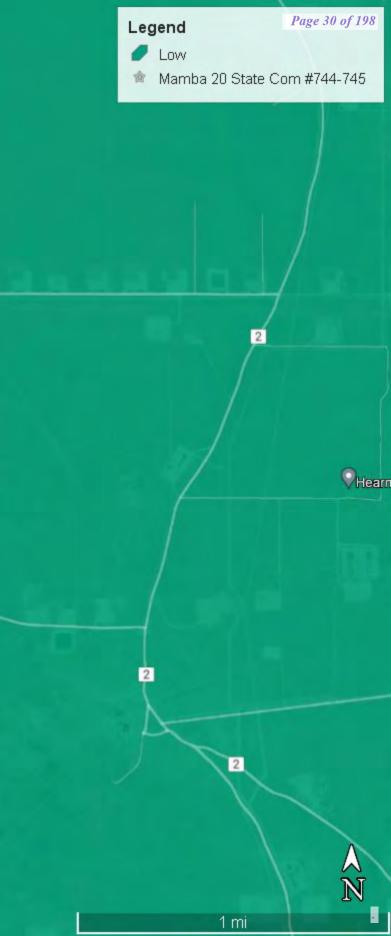


Comments : Boring terminated at 55' with no presence of groundwater or moisture. Well measured 8/15/22 with no detection of groundwater



Amba 20 State Com #744-745

GReleased to Imaging: 11/4/2022 2:23:06 PM





New Mexico Office of the State Engineer Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)	(R=POD has been replaced O=orphaned, C=the file is closed)	,	•••					2=NE 3 st to lar	3=SW 4=S gest) (SE) NAD83 UTM in m	eters)	(In feet)	
POD Number	POD Sub- Code basin C	coun		Q 16		Sec	Tws	Rna	,	(Y	Distance	-	-	Water Column
<u>C 02890</u>	С	LE						33E	633114		1973			
<u>C 02312</u>	CUB	LE	1	2	1	05	25S	33E	632292	2 3559772 🌍	1999	150	90	60
C 04622 POD1	CUB	LE	3	3	4	24	24S	32E	629430	6 3563006 🌍	2360			
<u>C 02311</u>	CUB	LE	2	3	2	33	24S	33E	63439 [.]	1 3560877 🌍	3225	120	70	50
<u>C 02310</u>	CUB	LE	2	4	2	33	24S	33E	634420	0 3560893 🌍	3250	120	70	50
<u>C 02563</u>	CUB	LE	1	4	2	33	24S	33E	63463	9 3560923* 🌍	3461	120		
<u>C 02564</u>	CUB	LE	2	4	2	33	24S	33E	634839	9 3560923* 🌍	3659	120		
<u>C 02431</u>	CUB	LE	4	4	4	17	24S	33E	63317	5 3564728* 🌍	3808	525	415	110
<u>C 02432</u>	CUB	LE	4	4	4	17	24S	33E	63317	5 3564728* 🌍	3808	640	415	225
<u>C 02430</u>	CUB	LE	3	3	3	16	24S	33E	63337	7 3564732* 🌍	3919	643	415	228
										Avera	age Depth to	Water:	245	feet
											Minimum	Depth:	70	feet
											Maximum	Depth:	415	feet

Record Count: 10

UTMNAD83 Radius Search (in meters):

Easting (X): 631218.94

Northing (Y): 3561459.88

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.

7/13/22 1:19 PM



New Mexico Office of the State Engineer **Point of Diversion Summary**

	(quarters are 1=NW 2=NE (quarters are smallest to la		(NAD83 UTM in meters)		
Well Tag POD Number	Q64 Q16 Q4 Sec 7	ws Rng	X Y		
NA C 02312	1 2 1 05 2	258 33E	632292 3559772		
x Driller License:	Driller Company:				
Driller Name: UNKNO	WN				
Drill Start Date: 01/01/19	48 Drill Finish Date:	06/30/1948	B Plug Date:		
Log File Date:	PCW Rcv Date:		Source:		
Pump Type:	Pipe Discharge Size:		Estimated Yield	: 20 GPM	
Casing Size: 6.38	Depth Well:	150 feet	Depth Water:	90 feet	

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.

7/13/22 1:23 PM

POINT OF DIVERSION SUMMARY

Recained by OGD: 10/17/2022 4:22:18 PM



USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category:		Geographic Area:		
Groundwater	~	New Mexico	~	GO

Click to hideNews Bulletins

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

Groundwater levels for New Mexico

Click to hide state-specific text

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

Search Results -- 1 sites found

Agency code = usgs

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 320956103353801 25S.33E.05.12122

Lea County, New Mexico Latitude 32°09'59.4", Longitude 103°35'47.2" NAD83 Land-surface elevation 3,473.00 feet above NGVD29 This well is completed in the Other aquifers (N9999OTHER) national aquifer. This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

Output formats

Table of data

Tab-separated data

Graph of data

Reselect period

Date	Time	? Water- level date- time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
1981-03-25		D	62610		3365.17	NGVD29	1	Z		
1981-03-25		D	62611		3366.84	NAVD88	1	Z		
1981-03-25		D	72019	107.83			1	Z		
1986-03-12		D	62610		3363.66	NGVD29	1	Z		
1986-03-12		D	62611		3365.33	NAVD88	1	Z		
1986-03-12		D	72019	109.34			1	Z		
1991-06-06		D	62610		3365.42	NGVD29	1	Z		
1991-06-06		D	62611		3367.09	NAVD88	1	Z		
1991-06-06		D	72019	107.58			1	Z		
1996-03-07		D	62610		3364.11	NGVD29	Р	S		
1996-03-07		D	62611		3365.78	NAVD88	Р	S		
1996-03-07		D	72019	108.89			Р	S		
2013-01-17	16:00 UTC	m	62610		3354.19	NGVD29	Р	S	USG	
2013-01-17			62611		3355.86	NAVD88	Р	S	USG	
2013-01-17	16:00 UTC	m	72019	118.81			Р	S	USGS	5

Explanation					
Section	Code	Description			
Water-level date-time accuracy	D	Date is accurate to the Day			
Water-level date-time accuracy	m	Date is accurate to the Minute			
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			
Status	Р	Pumping			
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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 U.S. Department of the Interior
 U.S. Geological Survey

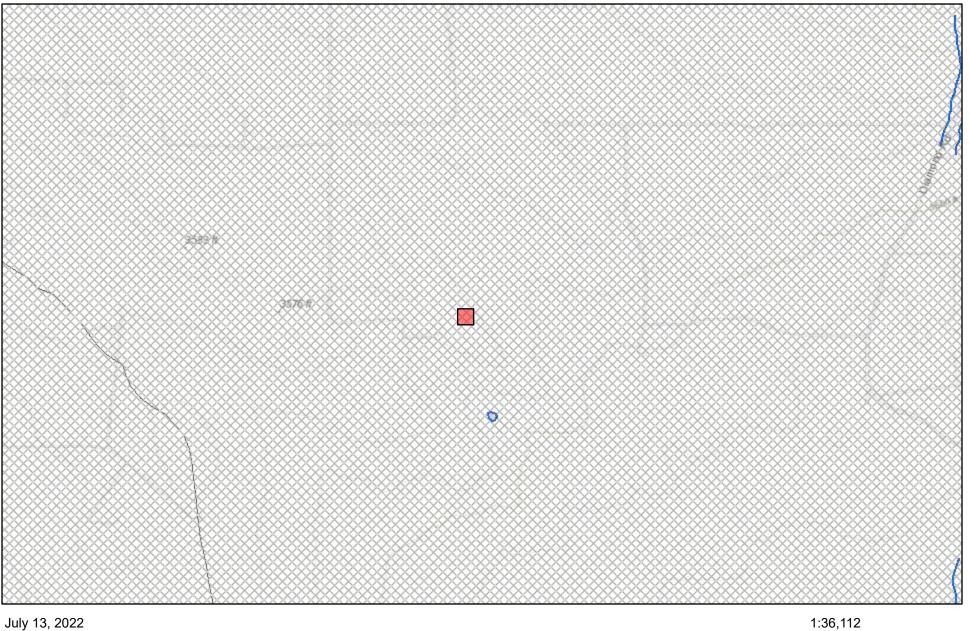
 Title:
 Groundwater for New Mexico:
 Water Levels

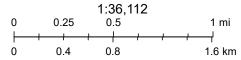
 URL:
 https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?

Page Contact Information: <u>New Mexico Water Data Maintainer</u> Page Last Modified: 2022-07-14 16:01:24 EDT 0.28 0.24 nadww02 USA.gov

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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: 10/17/2022 4:22:18 PM

LINKS

Review your project results through

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Environment Testing America

ANALYTICAL REPORT

Eurofins Midland 1211 W. Florida Ave Midland, TX 79701 Tel: (432)704-5440

Laboratory Job ID: 880-17140-1

Laboratory Sample Delivery Group: Lea Co, NM Client Project/Site: Mamba 30 State Com #744-745 Revision: 1

For:

Carmona Resources 310 W Wall St Ste 415 Midland, Texas 79701

Attn: Ashton Thielke

RAMER

Authorized for release by: 7/26/2022 7:00:18 PM

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

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

SDG: Lea Co, NM

Laboratory Job ID: 880-17140-1

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Definitions/Glossary

Client: Carmona Resources Project/Site: Mamba 30 State Com #744-745

Qualifiers

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Job ID: 880-17140-1 SDG: Lea Co, NM

quamore		3
GC VOA Qualifier	Qualifier Description	
F1	· · · ·	4
	MS and/or MSD recovery exceeds control limits.	
F2	MS/MSD RPD exceeds control limits	5
S1-	Surrogate recovery exceeds control limits, low biased.	
S1+	Surrogate recovery exceeds control limits, high biased.	
U	Indicates the analyte was analyzed for but not detected.	
GC Semi VO	λ	
Qualifier	Qualifier Description	
F1	MS and/or MSD recovery exceeds control limits.	8
F2	MS/MSD RPD exceeds control limits	
S1-	Surrogate recovery exceeds control limits, low biased.	O
S1+	Surrogate recovery exceeds control limits, high biased.	9
U	Indicates the analyte was analyzed for but not detected.	
HPLC/IC		
Qualifier	Qualifier Description	
F1	MS and/or MSD recovery exceeds control limits.	
U	Indicates the analyte was analyzed for but not detected.	
Glossary		
Abbroviation	These commonly used obtravistions may as may not be present in this report	

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

3

Definitions/Glossary

Client: Carmona Resources Project/Site: Mamba 30 State Com #744-745 Job ID: 880-17140-1 SDG: Lea Co, NM

Glossary	(Continued)
Abbreviation	These commonly used abbreviations may or may not be present in this report.
TNTC	Too Numerous To Count

Job ID: 880-17140-1

Laboratory: Eurofins Midland

Narrative

Job Narrative 880-17140-1

REVISION

The report being provided is a revision of the original report sent on 7/25/2022. The report (revision 1) is being revised due to Per client email, requesting chloride re run on T-3 (6').

Report revision history

Receipt

The samples were received on 7/20/2022 8:27 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 0.6°C

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: T-3 (6')R (880-17140-22). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for preparation batch 880-30237 and analytical batch 880-30480 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8021B: Surrogate recovery was outside acceptance limits for the following matrix spike/matrix spike duplicate (MS/MSD) samples: (880-17140-A-1-E MS) and (880-17140-A-1-F MSD). The parent sample's surrogate recovery was within limits. The MS/MSD sample has been qualified and reported.

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

GC Semi VOA

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-30311 and analytical batch 880-30249 was outside the upper control limits.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-30363 and analytical batch 880-30368 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-30130 and analytical batch 880-30297 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Client: Carmona Resources Project/Site: Mamba 30 State Com #744-745

Client Sample ID: H-1 (0-0.5') Date Collected: 07/19/22 00:00 Date Received: 07/20/22 08:27

Page 42 of 1 2	98
100 ID: 000 17110 1	

Job ID: 880-17140-1 SDG: Lea Co, NM

Lab Sample ID: 880-17140-1

Matrix: Solid

5

Method: 8021B - Volatile Orga Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00201	U F1 F2	0.00201		mg/Kg		07/21/22 12:03	07/24/22 15:39	
Foluene	<0.00201	U F1 F2	0.00201		mg/Kg		07/21/22 12:03	07/24/22 15:39	
Ethylbenzene	<0.00201	U F1 F2	0.00201		mg/Kg		07/21/22 12:03	07/24/22 15:39	
n-Xylene & p-Xylene	<0.00402	U F1	0.00402		mg/Kg		07/21/22 12:03	07/24/22 15:39	
p-Xylene	< 0.00201		0.00201		mg/Kg			07/24/22 15:39	
Xylenes, Total	<0.00402		0.00402		mg/Kg			07/24/22 15:39	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	108		70 - 130				07/21/22 12:03	07/24/22 15:39	
1,4-Difluorobenzene (Surr)	104		70 - 130				07/21/22 12:03	07/24/22 15:39	
Method: Total BTEX - Total B	FEX Calcula	tion							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00402	U	0.00402		mg/Kg			07/22/22 09:52	
Method: 8015 NM - Diesel Rar	nge Organic	s (DRO) (0	GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	348		49.8		mg/Kg			07/22/22 11:22	
Method: 8015B NM - Diesel Ra	ange Organ	ics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/21/22 17:17	07/22/22 09:31	
Diesel Range Organics (Over C10-C28)	348		49.8		mg/Kg		07/21/22 17:17	07/22/22 09:31	
Oll Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/21/22 17:17	07/22/22 09:31	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	102		70 - 130				07/21/22 17:17	07/22/22 09:31	
p-Terphenyl	112		70 - 130				07/21/22 17:17	07/22/22 09:31	
Method: 300.0 - Anions, Ion C	hromatogra	iphy - Solu	ıble						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Chloride	1110	F1	25.2		mg/Kg			07/22/22 06:23	
lient Sample ID: H-2 (0-0	0.5')					L	ab Sample	D: 880-17	′ 140 -
ate Collected: 07/19/22 00:00 ate Received: 07/20/22 08:27								Matrix	: Soli
Method: 8021B - Volatile Orga	nic Compo	unds (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 16:06	
Toluene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 16:06	
Ethylbenzene	<0.00200		0.00200		mg/Kg			07/24/22 16:06	
m-Xylene & p-Xylene	<0.00401		0.00401		mg/Kg			07/24/22 16:06	
o-Xylene	<0.00200		0.00200		mg/Kg			07/24/22 16:06	
Xylenes, Total	<0.00401		0.00401		mg/Kg			07/24/22 16:06	
Surrogate	%Recoverv	Qualifier	Limits				Prepared	Analyzed	Dil Fa
Surrogate 4-Bromofluorobenzene (Surr)	%Recovery 107	Qualifier	Limits 70 - 130				Prepared 07/21/22 12:03	Analyzed 07/24/22 16:06	Dil Fa

Client: Carmona Resources Project/Site: Mamba 30 State Com #744-745

Client Sample ID: H-2 (0-0.5') Date Collected: 07/19/22 00:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			07/22/22 09:52	1
Method: 8015 NM - Diesel Rai	nge Organic	s (DRO) ((GC)						
Analyte		Qualifier	, RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/22/22 11:22	1
Method: 8015B NM - Diesel R	ange Organ	ics (DRO)	(GC)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		07/22/22 10:19	07/22/22 12:57	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		07/22/22 10:19	07/22/22 12:57	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/22/22 10:19	07/22/22 12:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				07/22/22 10:19	07/22/22 12:57	1
o-Terphenyl	115		70 - 130				07/22/22 10:19	07/22/22 12:57	1
Method: 300.0 - Anions, Ion C	hromatogra	iphy - Soli	uble						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.1		4.96		mg/Kg			07/22/22 06:47	1
lient Sample ID: H-3 (0-	0.5')					L	ab Sample	e ID: 880-17	140-3
ate Collected: 07/19/22 00:00	,								: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 16:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 16:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 16:32	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/21/22 12:03	07/24/22 16:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 16:32	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/21/22 12:03	07/24/22 16:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				07/21/22 12:03	07/24/22 16:32	1
1,4-Difluorobenzene (Surr)	94		70 - 130				07/21/22 12:03	07/24/22 16:32	1
- Method: Total BTEX - Total	BTEX Calcula	tion							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	< 0.00399	U	0.00399		mg/Kg			07/22/22 09:52	1

_ Method: 8015 NM - Diesel Ra	Method: 8015 NM - Diesel Range Organics (DRO) (GC)											
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac			
Total TPH	<49.9	U	49.9		mg/Kg			07/22/22 11:22	1			
_												
Method: 8015B NM - Diesel R	ange Organi	ics (DRO) (0	GC)									
Method: 8015B NM - Diesel R Analyte		ics (DRO) (C Qualifier	<mark>GC)</mark> RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac			
		Qualifier		MDL	Unit mg/Kg	D		Analyzed 07/22/22 14:02	Dil Fac			

Eurofins Midland

5

Job ID: 880-17140-1 SDG: Lea Co, NM

Matrix: Solid

Lab Sample ID: 880-17140-2

Client: Carmona Resources Project/Site: Mamba 30 State Com #744-745

Client Sample ID: H-3 (0-0.5') Date Collected: 07/19/22 00:00 Date Received: 07/20/22 08:27

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/22/22 10:19	07/22/22 14:02	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	122		70 - 130				07/22/22 10:19	07/22/22 14:02	
o-Terphenyl	126		70 - 130				07/22/22 10:19	07/22/22 14:02	
Method: 300.0 - Anions, Ion C	hromatogra	phy - Solu	ıble						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Chloride	25.2		4.97		mg/Kg			07/22/22 06:54	
Client Sample ID: H-4 (0-).5')					L	ab Sample	e ID: 880-17	′140 -
ate Collected: 07/19/22 00:00 ate Received: 07/20/22 08:27	-						_	Matrix	: Soli
Method: 8021B - Volatile Orga									
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00199	U	0.00199		mg/Kg		07/21/22 12:03	07/24/22 16:59	
Toluene	<0.00199	U	0.00199		mg/Kg		07/21/22 12:03	07/24/22 16:59	
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/21/22 12:03	07/24/22 16:59	
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/21/22 12:03	07/24/22 16:59	
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/21/22 12:03	07/24/22 16:59	
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/21/22 12:03	07/24/22 16:59	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	73		70 - 130				07/21/22 12:03	07/24/22 16:59	
1,4-Difluorobenzene (Surr)	107		70 - 130				07/21/22 12:03	07/24/22 16:59	
Method: Total BTEX - Total B	FEX Calcula	tion							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/22/22 09:52	
Method: 8015 NM - Diesel Rar	nge Organic	s (DRO) (0	SC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	<50.0	U	50.0		mg/Kg			07/22/22 11:22	
Method: 8015B NM - Diesel R	ange Organ	ics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasolino Pango Organico	<50.0	11	50.0		ma/Ka		07/22/22 10:10	07/22/22 11.24	

, analy to	nooun	quanner			enne -	-	rioparoa	/ mary zoa	Diriao
Gasoline Range Organics	<50.0	U	50.0	1	mg/Kg		07/22/22 10:19	07/22/22 14:24	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0	I	mg/Kg		07/22/22 10:19	07/22/22 14:24	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	1	mg/Kg		07/22/22 10:19	07/22/22 14:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130				07/22/22 10:19	07/22/22 14:24	1
o-Terphenyl	119		70 - 130				07/22/22 10:19	07/22/22 14:24	1
	hromatogra	iphy - Solu	ıble						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Obleviale			4.07					07/00/00 07:00	

mg/Kg 07/22/22 07:02 Chloride 24.3 4.97

Job ID: 880-17140-1 SDG: Lea Co, NM

Lab Sample ID: 880-17140-3

Matrix: Solid

RL

0.00199

MDL Unit

mg/Kg

D

Prepared

Client: Carmona Resources Project/Site: Mamba 30 State Com #744-745

Method: 8021B - Volatile Organic Compounds (GC)

Result Qualifier

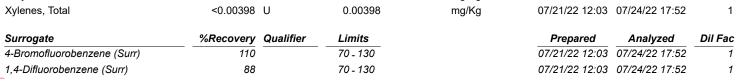
<0.00199 U

Client Sample ID: T-1 (0-1') Date Collected: 07/19/22 00:00 Date Received: 07/20/22 08:27

Analyte

Benzene

Denzene	-0.00100	0	0.00100		ing/itg		01/21/22 12:00	01/24/22 11.20	
Toluene	<0.00199	U	0.00199		mg/Kg		07/21/22 12:03	07/24/22 17:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/21/22 12:03	07/24/22 17:25	1
n-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/21/22 12:03	07/24/22 17:25	1
p-Xylene	<0.00199	U	0.00199		mg/Kg		07/21/22 12:03	07/24/22 17:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/21/22 12:03	07/24/22 17:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
-Bromofluorobenzene (Surr)	99		70 - 130				07/21/22 12:03	07/24/22 17:25	1
1,4-Difluorobenzene (Surr)	100		70 - 130				07/21/22 12:03	07/24/22 17:25	1
Method: Total BTEX - Total B1	EX Calcula	tion							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/22/22 09:52	1
Method: 8015 NM - Diesel Rar	nge Organic	:s (DRO) (0	GC)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/22/22 11:22	1
Method: 8015B NM - Diesel Ra	ange Organ	ics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/22/22 10:19	07/22/22 14:45	1
viesel Range Organics (Over 210-C28)	<50.0	U	50.0		mg/Kg		07/22/22 10:19	07/22/22 14:45	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/22/22 10:19	07/22/22 14:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
-Chlorooctane	105		70 - 130				07/22/22 10:19	07/22/22 14:45	1
-Terphenyl	116		70 - 130				07/22/22 10:19	07/22/22 14:45	1
Method: 300.0 - Anions, Ion C	hromatogra	aphy - Solu	uble						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2040		49.9		mg/Kg			07/22/22 07:10	10
lient Sample ID: T-1 (2')						L	ab Sample	e ID: 880-17	′140-6
ate Collected: 07/19/22 00:00 ate Received: 07/20/22 08:27								Matrix	: Solid
Method: 8021B - Volatile Orga		unds (GC) Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199		0.00199		mg/Kg			07/24/22 17:52	1
oluene	<0.00199	-	0.00199		mg/Kg			07/24/22 17:52	1
Ethylbenzene	<0.00199		0.00199		mg/Kg			07/24/22 17:52	1
n-Xylene & p-Xylene	<0.00199		0.00398		mg/Kg			07/24/22 17:52	1
p-Xylene	<0.00398		0.00199					07/24/22 17:52	1
луши	<0.00199	0	0.00199		mg/Kg		01121122 12:03	0//24/22 1/:52	1



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Dil Fac

1

5

Job ID: 880-17140-1

Lab Sample ID: 880-17140-5 Matrix: Solid

07/21/22 12:03 07/24/22 17:25

Analyzed

SDG: Lea Co, NM

Client: Carmona Resources Project/Site: Mamba 30 State Com #744-745 Job ID: 880-17140-1

Lab Sample ID: 880-17140-7

Matrix: Solid

Client Sample ID: T-1 (2') Date Collected: 07/19/22 00:00

Date Received: 07/20/22 08:27

Method: Total BTEX - Total BT	FEX Calcula	tion							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/22/22 09:52	1
Method: 8015 NM - Diesel Rar	nge Organic	s (DRO) (0	GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/22/22 11:22	1
Method: 8015B NM - Diesel R	ange Organ	ics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		07/22/22 10:19	07/22/22 15:07	1
(GRO)-C6-C10									
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/22/22 10:19	07/22/22 15:07	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/22/22 10:19	07/22/22 15:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				07/22/22 10:19	07/22/22 15:07	1
o-Terphenyl	105		70 - 130				07/22/22 10:19	07/22/22 15:07	1
Method: 300.0 - Anions, Ion C	bromatoara	nhy - Solu	ible						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	170		5.01		mg/Kg			07/22/22 07:34	1

Client Sample ID: T-1 (3') Date Collected: 07/19/22 00:00

Date Received: 07/20/22 08:27

Method: 8021B - Volatile Organic Compounds (GC) Analyte Result Qualifier RL MDL Unit D Prepared Dil Fac Analyzed Benzene <0.00200 U 0.00200 07/21/22 12:03 07/24/22 18:18 mg/Kg 1 Toluene 07/21/22 12:03 07/24/22 18:18 <0.00200 U 0.00200 mg/Kg 1 Ethylbenzene <0.00200 U 0.00200 mg/Kg 07/21/22 12:03 07/24/22 18:18 1 m-Xylene & p-Xylene <0.00401 U 0.00401 mg/Kg 07/21/22 12:03 07/24/22 18:18 1 o-Xylene <0.00200 U 0.00200 mg/Kg 07/21/22 12:03 07/24/22 18:18 1 Xylenes, Total <0.00401 U 0.00401 mg/Kg 07/21/22 12:03 07/24/22 18:18 1 Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 70 - 130 07/21/22 12:03 07/24/22 18:18 4-Bromofluorobenzene (Surr) 102 1 1,4-Difluorobenzene (Surr) 111 70 - 130 07/21/22 12:03 07/24/22 18:18 1

Method: Total BTEX - Total B	BTEX Calcula	tion							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			07/22/22 09:52	1
_ Method: 8015 NM - Diesel Ra	ange Organic	s (DRO) (G	iC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/22/22 11:22	1
_ Method: 8015B NM - Diesel	Range Organ	ics (DRO) ((GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		07/22/22 10:19	07/22/22 15:28	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		07/22/22 10:19	07/22/22 15:28	1
C10-C28)									

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SDG: Lea Co, NM Lab Sample ID: 880-17140-6

Matrix: Solid

Client: Carmona Resources Project/Site: Mamba 30 State Com #744-745

Client Sample ID: T-1 (3') Date Collected: 07/19/22 00:00 Date Received: 07/20/22 08:27

Date Collected: 07/19/22 00:00								Matrix	: Solid
Date Received: 07/20/22 08:27									
Method: 8015B NM - Diesel R	ange Organ	ics (DRO)	(GC) (Contin	ued)					
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/22/22 10:19	07/22/22 15:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	142	S1+	70 - 130				07/22/22 10:19	07/22/22 15:28	1
o-Terphenyl	153	S1+	70 - 130				07/22/22 10:19	07/22/22 15:28	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result Qualifier	r RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	98.1	5.03	mg/Kg]		07/22/22 07:41	1

Client Sample ID: T-1 (4') Date Collected: 07/19/22 00:00

Date Received: 07/20/22 08:27

Method: 8021B - Volatile O	rganic Compo	unds (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		07/21/22 12:03	07/24/22 18:45	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/21/22 12:03	07/24/22 18:45	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/21/22 12:03	07/24/22 18:45	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/21/22 12:03	07/24/22 18:45	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/21/22 12:03	07/24/22 18:45	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/21/22 12:03	07/24/22 18:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				07/21/22 12:03	07/24/22 18:45	1
1,4-Difluorobenzene (Surr)	89		70 - 130				07/21/22 12:03	07/24/22 18:45	1

Method: 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				07/22/22 09:52	1

Method: 8015 NM - Diesei Ran	ge Organics (DRO)	(GC)					
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9 U	49.9	mg/Kg			07/22/22 11:22	1

0. (0.0)

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		07/22/22 10:19	07/22/22 15:50	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		07/22/22 10:19	07/22/22 15:50	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/22/22 10:19	07/22/22 15:50	1
	~~ -	• •••							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				07/22/22 10:19	07/22/22 15:50	1
o-Terphenyl	111		70 - 130				07/22/22 10:19	07/22/22 15:50	1
Method: 300.0 - Anions, Ion C	hromatogra	iphy - Soli	uble						
Analyte		Qualifier	RL	мы	Unit	D	Prepared	Analyzed	Dil Fac
		quanter					Ticparea		
Chloride	1160		25.3		mg/Kg			07/22/22 07:49	5

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Job ID: 880-17140-1

SDG: Lea Co, NM

Lab Sample ID: 880-17140-7

Lab Sample ID: 880-17140-8

Matrix: Solid

RL

0.00200

0.00200

0.00200

0.00399

MDL Unit

mg/Kg

mg/Kg

mg/Kg

mg/Kg

D

Prepared

07/21/22 12:03 07/24/22 19:11

07/21/22 12:03 07/24/22 19:11

07/21/22 12:03 07/24/22 19:11

07/21/22 12:03 07/24/22 19:11

Client: Carmona Resources Project/Site: Mamba 30 State Com #744-745

Method: 8021B - Volatile Organic Compounds (GC)

Result Qualifier

<0.00200 U

<0.00200 U

<0.00200 U

<0.00399 U

Client Sample ID: T-1 (5') Date Collected: 07/19/22 00:00 Date Received: 07/20/22 08:27

Analyte

Benzene

Toluene

Ethylbenzene

m-Xylene & p-Xylene

	-0.00000	0	0.00000		ing/itg		01121122 12.00	01/24/22 13.11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 19:11	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/21/22 12:03	07/24/22 19:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				07/21/22 12:03	07/24/22 19:11	1
1,4-Difluorobenzene (Surr)	90		70 - 130				07/21/22 12:03	07/24/22 19:11	1
Method: Total BTEX - Total B	FEX Calcula	tion							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			07/22/22 09:52	1
Method: 8015 NM - Diesel Rar	nge Organio	s (DRO) (0	GC)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9		49.9		mg/Kg			07/22/22 11:22	1
Method: 8015B NM - Diesel Ra	ange Organ	ics (DRO)	(GC)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9		49.9		mg/Kg		· · ·	07/22/22 16:11	1
GRO)-C6-C10					0 0				
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		07/22/22 10:20	07/22/22 16:11	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/22/22 10:20	07/22/22 16:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				07/22/22 10:20	07/22/22 16:11	1
o-Terphenyl	119		70 - 130				07/22/22 10:20	07/22/22 16:11	1
Method: 300.0 - Anions, Ion C	hromatogra	aphy - Solu	ıble						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1480		25.2		mg/Kg			07/22/22 07:57	5
lient Sample ID: T-1 (6')	R					La	ab Sample	ID: 880-171	40-10
Date Collected: 07/19/22 00:00 Date Received: 07/20/22 08:27							-	Matrix	c: Solid
Method: 8021B - Volatile Orga						_			
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199		0.00199		mg/Kg			07/24/22 19:38	1
Toluene	<0.00199		0.00199		mg/Kg			07/24/22 19:38	1
Ethylbenzene	<0.00199		0.00199		mg/Kg			07/24/22 19:38	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/21/22 12:03	07/24/22 19:38	1
Valaria	0.00400		0.00400				07/04/00 40 00	07/04/00 40 00	

o-Xylene	<0.00199 l	U	0.00199	mg/Kg	07/21/22 12:03	07/24/22 19:38	1
Xylenes, Total	<0.00398 l	U	0.00398	mg/Kg	07/21/22 12:03	07/24/22 19:38	1
Surrogate	%Recovery	Qualifier	Limits		Prepared	Analvzed	Dil Fac
Juliogale	/anecovery (Quanner	Lilling		Frepareu	Analyzeu	Dirrac
4-Bromofluorobenzene (Surr)		Quaimer	70 - 130			07/24/22 19:38	1

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Job ID: 880-17140-1 SDG: Lea Co, NM

Lab Sample ID: 880-17140-9

Analyzed

Matrix: Solid

Dil Fac

1

1

1

Client Sample ID: T-1 (6')R

Date Collected: 07/19/22 00:00

Date Received: 07/20/22 08:27

Client Sample Results

Client: Carmona Resources Project/Site: Mamba 30 State Com #744-745 Job ID: 880-17140-1 SDG: Lea Co, NM

Lab Sample ID: 880-17140-10

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/22/22 09:52	1
Method: 8015 NM - Diesel Rar	nge Organic	s (DRO) (0	SC)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/22/22 11:22	1
Method: 8015B NM - Diesel Ra	ange Organ	ics (DRO)	(GC)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/22/22 10:20	07/22/22 16:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/22/22 10:20	07/22/22 16:33	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/22/22 10:20	07/22/22 16:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
I-Chlorooctane	114		70 - 130				07/22/22 10:20	07/22/22 16:33	1
p-Terphenyl	120		70 - 130				07/22/22 10:20	07/22/22 16:33	1
Method: 300.0 - Anions, Ion C	hromatogra	phy - Solu	ıble						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2130		25.2		mg/Kg			07/22/22 08:05	5
lient Sample ID: T-2 (0-1 ate Collected: 07/19/22 00:00 ate Received: 07/20/22 08:27	')					La	ab Sample	ID: 880-171 Matrix	1 40-11 (: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 21:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 21:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 21:25	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		07/21/22 12:03	07/24/22 21:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 21:25	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/21/22 12:03	07/24/22 21:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				07/21/22 12:03	07/24/22 21:25	1
1,4-Difluorobenzene (Surr)	90		70 - 130				07/21/22 12:03	07/24/22 21:25	1
Method: Total BTEX - Tota	BTEX Calcula	tion							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			07/22/22 09:52	1
Method: 8015 NM - Diesel	Range Organic	s (DRO) (0	SC)						
Analyte	• •	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Analyte	Result	Qualifier	RL	NDL	Unit	U	Prepared	Analyzed	DIFac
Total TPH	<50.0	U	50.0		mg/Kg			07/22/22 11:22	1
	ige Organ	ics (DRO) (0	GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/22/22 10:20	07/22/22 16:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/22/22 10:20	07/22/22 16:54	1

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FF

Client: Carmona Resources Project/Site: Mamba 30 State Com #744-745

Client Sample ID: T-2 (0-1') Date Collected: 07/19/22 00:00 Date Received: 07/20/22 08:27

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/22/22 10:20	07/22/22 16:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				07/22/22 10:20	07/22/22 16:54	1
o-Terphenyl	100		70 - 130				07/22/22 10:20	07/22/22 16:54	1
Method: 300.0 - Anions, Ion (Chromatogra	phy - Solu	ıble						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9120	F1	50.0		mg/Kg			07/22/22 08:13	10
ate Collected: 07/19/22 00:00						La	ab Sample	ID: 880-171 Matrix	
ate Collected: 07/19/22 00:00 ate Received: 07/20/22 08:27		unds (GC)				La	ab Sample		
ate Collected: 07/19/22 00:00 ate Received: 07/20/22 08:27 Method: 8021B - Volatile Org	anic Compo	unds (GC) Qualifier	RL	MDL	Unit	La	ab Sample		: Solid
ate Collected: 07/19/22 00:00 ate Received: 07/20/22 08:27 Method: 8021B - Volatile Org Analyte	anic Compo	Qualifier	RL	MDL	Unit mg/Kg			Matrix	: Solid
ate Collected: 07/19/22 00:00 ate Received: 07/20/22 08:27 Method: 8021B - Volatile Org Analyte Benzene	anic Compo Result <0.00201	Qualifier		MDL			Prepared	Matrix Analyzed	: Solid
ate Collected: 07/19/22 00:00 ate Received: 07/20/22 08:27 Method: 8021B - Volatile Org Analyte Benzene Toluene	anic Compo Result <0.00201	Qualifier U U	0.00201	MDL	mg/Kg		Prepared 07/21/22 12:03	Matrix Analyzed 07/24/22 21:51	: Solid
ate Collected: 07/19/22 00:00 ate Received: 07/20/22 08:27 Method: 8021B - Volatile Org Analyte Benzene Toluene Ethylbenzene	anic Compo Result <0.00201 <0.00201	Qualifier U U U	0.00201	MDL	mg/Kg mg/Kg		Prepared 07/21/22 12:03 07/21/22 12:03	Matrix <u>Analyzed</u> 07/24/22 21:51 07/24/22 21:51	: Solid
ate Collected: 07/19/22 00:00 ate Received: 07/20/22 08:27 Method: 8021B - Volatile Org Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene	anic Compo Result <0.00201 <0.00201 <0.00201	Qualifier U U U U	0.00201 0.00201 0.00201	MDL	mg/Kg mg/Kg mg/Kg		Prepared 07/21/22 12:03 07/21/22 12:03 07/21/22 12:03	Matrix Analyzed 07/24/22 21:51 07/24/22 21:51 07/24/22 21:51	: Solid
Client Sample ID: T-2 (2') Date Collected: 07/19/22 00:00 Date Received: 07/20/22 08:27 Method: 8021B - Volatile Org Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene Xylenes, Total	anic Compo Result <0.00201 <0.00201 <0.00201 <0.00201 <0.00402	Qualifier U U U U U U	0.00201 0.00201 0.00201 0.00402	MDL	mg/Kg mg/Kg mg/Kg mg/Kg		Prepared 07/21/22 12:03 07/21/22 12:03 07/21/22 12:03 07/21/22 12:03	Matrix Analyzed 07/24/22 21:51 07/24/22 21:51 07/24/22 21:51 07/24/22 21:51	40-12 :: Solid 1 1 1 1 1 1 1 1
ate Collected: 07/19/22 00:00 ate Received: 07/20/22 08:27 Method: 8021B - Volatile Org Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene	anic Compo Result <0.00201 <0.00201 <0.00201 <0.00402 <0.00201	Qualifier U U U U U U U U	0.00201 0.00201 0.00201 0.00402 0.00201	MDL	mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg		Prepared 07/21/22 12:03 07/21/22 12:03 07/21/22 12:03 07/21/22 12:03 07/21/22 12:03	Matrix Analyzed 07/24/22 21:51 07/24/22 21:51 07/24/22 21:51 07/24/22 21:51	: Solid

Surrogate	%Recovery Qual	ifier Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	71	70 - 130	07/21/22 12:03	07/24/22 21:51	1
1,4-Difluorobenzene (Surr)	98	70 - 130	07/21/22 12:03	07/24/22 21:51	1
Method: Total BTEX - Total BT	EX Calculation				

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	< 0.00402	U	0.00402		mg/Kg			07/22/22 09:52	1
 Method: 8015 NM - Diesel Ran	de Organic	s (DRO) ((3 C)						

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/22/22 11:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		07/22/22 10:20	07/22/22 17:37	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		07/22/22 10:20	07/22/22 17:37	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/22/22 10:20	07/22/22 17:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analvzed	Dil Fac
1-Chlorooctane	116		70 - 130				07/22/22 10:20		1
								••••••	,
o-Terphenyl	120		70 - 130				07/22/22 10:20	07/22/22 17:37	1
Method: 300.0 - Anions, Ion C	hromatogra	phy - Solu	uble						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3090		24.9		mg/Kg			07/22/22 08:37	5

Job ID: 880-17140-1

Lab Sample ID: 880-17140-11

SDG: Lea Co, NM

Matrix: Solid

5

Client: Carmona Resources Project/Site: Mamba 30 State Com #744-745

Client Sample ID: T-2 (3') Date Collected: 07/19/22 00:00 Date Received: 07/20/22 08:27

Job ID: 880-17140-1
SDG: Lea Co, NM

Lab Sample ID: 880-17140-13

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 22:18	
oluene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 22:18	
thylbenzene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 22:18	
n-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/21/22 12:03	07/24/22 22:18	
-Xylene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 22:18	
ylenes, Total	<0.00399	U	0.00399		mg/Kg		07/21/22 12:03	07/24/22 22:18	
urrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
-Bromofluorobenzene (Surr)	109		70 - 130				07/21/22 12:03	07/24/22 22:18	
4-Difluorobenzene (Surr)	86		70 - 130				07/21/22 12:03	07/24/22 22:18	
Method: Total BTEX - Total B	FEX Calcula	tion							
nalyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
otal BTEX	<0.00399	U	0.00399		mg/Kg			07/22/22 09:52	
Aethod: 8015 NM - Diesel Rar	nge Organic	s (DRO) (G	iC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
otal TPH	<49.9	U	49.9		mg/Kg			07/22/22 11:22	
Method: 8015B NM - Diesel Ra	ange Organ	ics (DRO) ((GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/22/22 10:20	07/22/22 17:58	
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		07/22/22 10:20	07/22/22 17:58	
C10-C28) DII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/22/22 10:20	07/22/22 17:58	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil F
I-Chlorooctane	97		70 - 130				07/22/22 10:20	07/22/22 17:58	
p-Terphenyl	105		70 - 130				07/22/22 10:20	07/22/22 17:58	
Method: 300.0 - Anions, Ion C	hromatogra	iphy - Solu	ble						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Chloride	592		24.8		mg/Kg			07/22/22 08:44	
lient Sample ID: T-2 (4')						La	ab Sample	ID: 880-171	40-1
ate Collected: 07/19/22 00:00 ate Received: 07/20/22 08:27								Matrix	: Soli
Method: 8021B - Volatile Orga Analyte		Qualifier	RL	мы	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00199		0.00199	MDL	mg/Kg			07/24/22 22:44	
oluene	<0.00199		0.00199					07/24/22 22:44	
Ethylbenzene	<0.00199		0.00199		mg/Kg			07/24/22 22:44	
					mg/Kg				
n-Xylene & p-Xylene	< 0.00398		0.00398		mg/Kg			07/24/22 22:44	
Vulana	<0.00199	U	0.00199		mg/Kg			07/24/22 22:44	
•	<0.00398	U	0.00398		mg/Kg		01/21/22 12.03	07/24/22 22:44	
ylenes, Total					mg/Kg				D'' 7
Kylenes, Total Surrogate	%Recovery		Limits		mg/Kg		Prepared	Analyzed	Dil Fa
o-Xylene Xylenes, Total Surrogate 4-Bromofluorobenzene (Surr)	%Recovery 97		Limits 70 - 130		mg/Kg		Prepared 07/21/22 12:03	Analyzed 07/24/22 22:44	Dil F
Xylenes, Total Surrogate	%Recovery		Limits		mg/Kg		Prepared 07/21/22 12:03	Analyzed	Dil F

Eurofins Midland

Client: Carmona Resources Project/Site: Mamba 30 State Com #744-745 Job ID: 880-17140-1 SDG: Lea Co, NM

Lab Sample ID: 880-17140-14

Lab Sample ID: 880-17140-15

Matrix: Solid

Client Sample ID: T-2 (4') Date Collected: 07/19/22 00:00

Date	Received:	07/20/22 08:	27

Method: Total BTEX - Total B1	FEX Calcula	tion							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/22/22 09:52	1
Method: 8015 NM - Diesel Rar	nge Organic	s (DRO) (0	GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/22/22 11:22	1
Method: 8015B NM - Diesel Ra	ange Organ	ics (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		07/22/22 10:20	07/22/22 18:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/22/22 10:20	07/22/22 18:20	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/22/22 10:20	07/22/22 18:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				07/22/22 10:20	07/22/22 18:20	1
o-Terphenyl	110		70 - 130				07/22/22 10:20	07/22/22 18:20	1
Method: 300.0 - Anions, Ion C	hromatogra	phy - Solu	ıble						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	458		25.0		mg/Kg			07/22/22 09:08	5

Client Sample ID: T-2 (5') Date Collected: 07/19/22 00:00

Date Received: 07/20/22 08:27

Method: 8021B - Volatile Organic Compounds (GC) Analyte **Result Qualifier** RL MDL Unit D Prepared Dil Fac Analyzed Benzene <0.00200 U 0.00200 07/21/22 12:03 07/24/22 23:10 mg/Kg 1 Toluene <0.00200 U 0.00200 mg/Kg 07/21/22 12:03 07/24/22 23:10 1 Ethylbenzene <0.00200 U 0.00200 mg/Kg 07/21/22 12:03 07/24/22 23:10 1 m-Xylene & p-Xylene <0.00401 U 0.00401 mg/Kg 07/21/22 12:03 07/24/22 23:10 1 o-Xylene <0.00200 U 0.00200 mg/Kg 07/21/22 12:03 07/24/22 23:10 1 Xylenes, Total <0.00401 U 0.00401 mg/Kg 07/21/22 12:03 07/24/22 23:10 1 Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 07/21/22 12:03 07/24/22 23:10 4-Bromofluorobenzene (Surr) 70 - 130 120 1 1,4-Difluorobenzene (Surr) 85 70 - 130 07/21/22 12:03 07/24/22 23:10 1

Method: Total BTEX - Total B	BTEX Calcula	tion							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			07/22/22 09:52	1
- Method: 8015 NM - Diesel Ra	ange Organic	s (DRO) (G	iC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/22/22 11:22	1
Method: 8015B NM - Diesel I	Range Organ	ics (DRO) ((GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		07/22/22 10:20	07/22/22 18:41	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		07/22/22 10:20	07/22/22 18:41	1
C10-C28)									

Eurofins Midland

5

Matrix: Solid

RL

RL

4.98

49.9

Limits

70 - 130

70 - 130

MDL Unit

MDL Unit

mg/Kg

mg/Kg

D

D

Prepared

Prepared

Prepared

Client: Carmona Resources Project/Site: Mamba 30 State Com #744-745

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

Method: 300.0 - Anions, Ion Chromatography - Soluble

Result Qualifier

<49.9 U

%Recovery Qualifier

131 S1+

Result Qualifier

123

19.8

Client Sample ID: T-2 (5') Date Collected: 07/19/22 00:00 Date Received: 07/20/22 08:27

Oll Range Organics (Over C28-C36)

Analyte

Surrogate

o-Terphenyl

Analyte

Chloride

1-Chlorooctane

Job ID: 880-1714	10-1
SDG: Lea Co,	NM

Lab Sample ID: 880-17140-15

07/22/22 10:20 07/22/22 18:41

07/22/22 10:20 07/22/22 18:41

07/22/22 10:20 07/22/22 18:41

Analyzed

Analyzed

Analyzed

07/22/22 15:10

Matrix: Solid

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Dil Fac

Dil Fac

Dil Fac

1

1

1

Lab	Sample	ID:	880-17140-17
			Matrix: Solid

Client Sample ID: T-3 (0-1') Date Collected: 07/19/22 00:00 Date Received: 07/20/22 08:27

Method: 8021B - Volatile Org	anic Compo	unds (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 23:35	
Toluene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 23:35	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 23:35	
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/21/22 12:03	07/24/22 23:35	
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 23:35	
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/21/22 12:03	07/24/22 23:35	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	116		70 - 130				07/21/22 12:03	07/24/22 23:35	
1,4-Difluorobenzene (Surr)	92		70 - 130				07/21/22 12:03	07/24/22 23:35	
Method: Total BTEX - Total B	TEX Calcula	tion							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			07/22/22 09:52	
Method: 8015 NM - Diesel Ra	ngo Organio		2 C)						
Analyte	• •	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/22/22 11:22	
- Method: 8015B NM - Diesel R	ange Organ	ics (DRO)	(GC)						
Analyte		Qualifier	RL	MDL	Unit		Prepared		
Gasoline Range Organics	<50.0				U	D	rieparea	Analyzed	Dil Fa
(GRO)-C6-C10	400.0	U	50.0		mg/Kg		07/22/22 10:20	Analyzed 07/22/22 19:03	Dil Fac
(GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<50.0		50.0				07/22/22 10:20		
		U			mg/Kg		07/22/22 10:20 07/22/22 10:20	07/22/22 19:03	
Diesel Range Organics (Over C10-C28)	<50.0	U U	50.0		mg/Kg mg/Kg	<u> </u>	07/22/22 10:20 07/22/22 10:20	07/22/22 19:03 07/22/22 19:03	
Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	<50.0 <50.0	U U	50.0 50.0		mg/Kg mg/Kg	<u> </u>	07/22/22 10:20 07/22/22 10:20 07/22/22 10:20	07/22/22 19:03 07/22/22 19:03 07/22/22 19:03	
Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	<50.0 <50.0 %Recovery	U U	50.0 50.0 Limits		mg/Kg mg/Kg	U	07/22/22 10:20 07/22/22 10:20 07/22/22 10:20 Prepared 07/22/22 10:20	07/22/22 19:03 07/22/22 19:03 07/22/22 19:03 Analyzed	Dil Fa
Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	<50.0 <50.0 <u>%Recovery</u> 121 130	U U Qualifier	50.0 50.0 <u>Limits</u> 70 - 130 70 - 130		mg/Kg mg/Kg	D	07/22/22 10:20 07/22/22 10:20 07/22/22 10:20 Prepared 07/22/22 10:20	07/22/22 19:03 07/22/22 19:03 07/22/22 19:03 07/22/22 19:03 Analyzed 07/22/22 19:03	Dil Fa
Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	<50.0 <50.0 <u>%Recovery</u> 121 130 Chromatogra	U U Qualifier	50.0 50.0 <u>Limits</u> 70 - 130 70 - 130	MDL	mg/Kg mg/Kg mg/Kg	D	07/22/22 10:20 07/22/22 10:20 07/22/22 10:20 Prepared 07/22/22 10:20	07/22/22 19:03 07/22/22 19:03 07/22/22 19:03 07/22/22 19:03 Analyzed 07/22/22 19:03	Dil Fa

Client: Carmona Resources Project/Site: Mamba 30 State Com #744-745

Client Sample ID: T-3 (2') Date Collected: 07/19/22 00:00 Date Received: 07/20/22 08:27

Job ID: 880-17140-1
SDG: Lea Co, NM

Lab Sample ID: 880-17140-18

Matrix: Solid

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Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/21/22 12:03	07/25/22 00:01	
Toluene	<0.00199	U	0.00199		mg/Kg		07/21/22 12:03	07/25/22 00:01	
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/21/22 12:03	07/25/22 00:01	
n-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/21/22 12:03	07/25/22 00:01	
p-Xylene	<0.00199		0.00199		mg/Kg		07/21/22 12:03	07/25/22 00:01	
Kylenes, Total	<0.00398		0.00398		mg/Kg			07/25/22 00:01	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
-Bromofluorobenzene (Surr)			70 - 130				07/21/22 12:03	07/25/22 00:01	
,4-Difluorobenzene (Surr)	90		70 - 130				07/21/22 12:03	07/25/22 00:01	
Aethod: Total BTEX - Total E	BTEX Calcula	tion							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/22/22 09:52	
Method: 8015 NM - Diesel Ra	ange Organic	s (DRO) (0	SC)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	<50.0	U	50.0		mg/Kg			07/22/22 11:22	
Method: 8015B NM - Diesel I	Range Organ	ics (DRO)	(GC)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Basoline Range Organics GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/22/22 10:20	07/22/22 19:25	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/22/22 10:20	07/22/22 19:25	
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/22/22 10:20	07/22/22 19:25	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
-Chlorooctane			70 - 130				07/22/22 10:20	07/22/22 19:25	
p-Terphenyl	124		70 - 130				07/22/22 10:20	07/22/22 19:25	
Method: 300.0 - Anions, Ion	Chromatogra	iphy - Solu	ıble						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Chloride	2860		25.1		mg/Kg			07/22/22 09:32	
lient Sample ID: T-3 (3)	')					La	ab Sample	ID: 880-171	40-19
ate Collected: 07/19/22 00:00							-	Matrix	: Soli
ate Received: 07/20/22 08:27									
Method: 8021B - Volatile Orç Analyte		unds (GC) Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00201		0.00201		mg/Kg			07/25/22 00:27	
oluene	< 0.00201		0.00201		mg/Kg			07/25/22 00:27	
thylbenzene	< 0.00201		0.00201		mg/Kg			07/25/22 00:27	
n-Xylene & p-Xylene	< 0.00201		0.00402		mg/Kg			07/25/22 00:27	
			0.00402					07/25/22 00:27	
	< 0.00201				mg/Kg				
Kylenes, Total	<0.00402	U	0.00402		mg/Kg		07721/22 12:03	07/25/22 00:27	
Surrogate	%Recovery		Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	112		70 - 130				07/21/22 12:03	07/25/22 00:27	

Released to Imaging: 11/4/2022 2:23:06 PM

1,4-Difluorobenzene (Surr)

70 - 130

85

Client: Carmona Resources Project/Site: Mamba 30 State Com #744-745 Job ID: 880-17140-1 SDG: Lea Co, NM

Lab Sample ID: 880-17140-19

Client Sample ID: T-3 (3') Date Collected: 07/19/22 00:00

Date Received: 07/20/22 08:27				
	Date	Received:	07/20/22 08:27	

Method: Total BTEX - Total B	FEX Calcula	tion							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			07/22/22 09:52	1
Method: 8015 NM - Diesel Rar	nge Organic	s (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/22/22 11:22	1
Method: 8015B NM - Diesel R	ange Organ	ics (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		07/22/22 10:20	07/22/22 19:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/22/22 10:20	07/22/22 19:47	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/22/22 10:20	07/22/22 19:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				07/22/22 10:20	07/22/22 19:47	1
o-Terphenyl	111		70 - 130				07/22/22 10:20	07/22/22 19:47	1
Method: 300.0 - Anions, Ion C	hromatogra	iphy - Soli	uble						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4840		49.6		mg/Kg			07/22/22 09:39	10

Client Sample ID: T-3 (4') Date Collected: 07/19/22 00:00

Date Received: 07/20/22 08:27

Lab Sample ID: 880-17140-20 Matrix: Solid

Method: 8021B - Volatile O Analyte	· · ·	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/25/22 00:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/25/22 00:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/25/22 00:53	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		07/21/22 12:03	07/25/22 00:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/25/22 00:53	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/21/22 12:03	07/25/22 00:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				07/21/22 12:03	07/25/22 00:53	1
1,4-Difluorobenzene (Surr)	88		70 - 130				07/21/22 12:03	07/25/22 00:53	1
_ Method: Total BTEX - Total	BTEX Calcula	tion							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Total BTEX	<0.00401	U	0.00401		mg/Kg			07/22/22 09:52	1
Method: 8015 NM - Diesel Rai	nge Organics	s (DRO) (G	iC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg		. <u> </u>	07/22/22 11:22	1
Method: 8015B NM - Diesel R Analyte	Result	Qualifier		MDL		D	Prepared	Analyzed	Dil Fac
		Qualifier	· · ·	MDL	Unit mg/Kg	D		Analyzed 07/22/22 20:08	Dil Fac

Eurofins Midland

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Matrix: Solid

RL

49.8

Limits

70 - 130

70 - 130

MDL Unit

mg/Kg

Client: Carmona Resources Project/Site: Mamba 30 State Com #744-745

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

Method: 300.0 - Anions, Ion Chromatography - Soluble

Result Qualifier

Result Qualifier

<49.8 U

%Recovery Qualifier

115

120

6330

Client Sample ID: T-3 (4') Date Collected: 07/19/22 00:00 Date Received: 07/20/22 08:27

Oll Range Organics (Over C28-C36)

Analyte

Surrogate

o-Terphenyl

Analyte

Chloride

1-Chlorooctane

Job ID: 880-1714	40- 1
SDG: Lea Co,	ΝM

Analyzed

Analyzed

Lab Sample ID: 880-17140-20

07/22/22 10:20 07/22/22 20:08

07/22/22 10:20 07/22/22 20:08

07/22/22 10:20 07/22/22 20:08

Matrix: Solid

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Dil Fac

1

1

RL 49.7	MDL	Unit mg/Kg	<u> </u>	Prepared	Analyzed 07/22/22 09:47	Dil Fac 10
			La	b Sample	ID: 880-171 Matrix	40-21 :: Solid

D

Prepared

Prepared

Client Sample ID: T-3 (5') Date Collected: 07/19/22 00:00 Date Received: 07/20/22 08:27

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		07/21/22 12:03		1
Toluene	<0.00201	U	0.00201		mg/Kg		07/21/22 12:03	07/25/22 01:19	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/21/22 12:03	07/25/22 01:19	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/21/22 12:03	07/25/22 01:19	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/21/22 12:03	07/25/22 01:19	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/21/22 12:03	07/25/22 01:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				07/21/22 12:03	07/25/22 01:19	1
1,4-Difluorobenzene (Surr)	84		70 - 130				07/21/22 12:03	07/25/22 01:19	1
Method: Total BTEX - Total	BTEX Calcula	tion							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			07/22/22 09:52	1
Method: 8015 NM - Diesel	Range Organic	s (DRO) (0	SC)						
Analyte	• •	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0		50.0		mg/Kg			07/22/22 11:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		07/22/22 10:20	07/22/22 20:30	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		07/22/22 10:20	07/22/22 20:30	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/22/22 10:20	07/22/22 20:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	130		70 - 130				07/22/22 10:20	07/22/22 20:30	1
o-Terphenyl	137	S1+	70 - 130				07/22/22 10:20	07/22/22 20:30	1
Method: 300.0 - Anions, Ion C	hromatogra	iphy - Solu	ıble						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	502		49.7		mg/Kg			07/22/22 09:55	10

Client: Carmona Resources Project/Site: Mamba 30 State Com #744-745

Client Sample ID: T-3 (6')R Date Collected: 07/19/22 00:00 Date Received: 07/20/22 08:27

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Job ID: 880-17140-1 SDG: Lea Co, NM

Lab Sample ID: 880-17140-22

Matrix: Solid

5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00201	U	0.00201		mg/Kg		07/21/22 09:27	07/21/22 17:10	
oluene	<0.00201	U	0.00201		mg/Kg		07/21/22 09:27	07/21/22 17:10	
thylbenzene	<0.00201	U	0.00201		mg/Kg		07/21/22 09:27	07/21/22 17:10	
n-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/21/22 09:27	07/21/22 17:10	
-Xylene	< 0.00201		0.00201		mg/Kg			07/21/22 17:10	
ylenes, Total	<0.00402		0.00402		mg/Kg			07/21/22 17:10	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
-Bromofluorobenzene (Surr)	140	S1+	70 - 130				07/21/22 09:27	07/21/22 17:10	
,4-Difluorobenzene (Surr)	93		70 - 130				07/21/22 09:27	07/21/22 17:10	
Aethod: Total BTEX - Total B	EX Calcula	tion							
nalyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
otal BTEX	<0.00402	U	0.00402		mg/Kg		<u> </u>	07/22/22 09:52	
Method: 8015 NM - Diesel Rar	nge Organic	s (DRO) (0	GC)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	<49.8		49.8		mg/Kg		<u> </u>	07/22/22 11:22	
Nothed: 904EB NM Dissel D									
Method: 8015B NM - Diesel Ra Analyte		Qualifier	(GC) RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics	<49.8		49.8		mg/Kg		<u> </u>	07/22/22 20:52	
GRO)-C6-C10		•					0.,,00		
Diesel Range Organics (Over	<49.8	U	49.8		mg/Kg		07/22/22 10:20	07/22/22 20:52	
C10-C28) Oll Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/22/22 10:20	07/22/22 20:52	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	93	Quanner	70 - 130				<u> </u>	07/22/22 20:52	
p-Terphenyl	100		70 - 130					07/22/22 20:52	
Method: 300.0 - Anions, Ion C Analyte		Qualifier	RL	мы	Unit	D	Prepared	Analyzed	Dil Fa
Chloride	546	Quaimer	24.8				Flepaleu	07/26/22 14:34	
			24.0		mg/Kg				
lient Sample ID: Backgro	ound-1 (0	-0.5')				La	b Sample	ID: 880-171	
ate Collected: 07/19/22 00:00 ate Received: 07/20/22 08:27								Matrix	: Soli
	nia Compo								
Method: 8021B - Volatile Orga Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	< 0.00199		0.00199		mg/Kg		07/21/22 09:27		
ōluene	< 0.00199		0.00199		mg/Kg			07/21/22 17:31	
Ethylbenzene	< 0.00199		0.00199		mg/Kg			07/21/22 17:31	
n-Xylene & p-Xylene	<0.00398		0.00398		mg/Kg			07/21/22 17:31	
-Xylene	<0.00390		0.00199		mg/Kg			07/21/22 17:31	
γlenes, Total	<0.00199		0.00398		mg/Kg			07/21/22 17:31	
	-0.00380	0	0.00000		ing/ixg		5772 1722 UJ.ZI	51121122 11.31	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil F
· · · · · · · · · · · · · · · · · · ·									
4-Bromofluorobenzene (Surr)	119		70 - 130				07/21/22 09:27	07/21/22 17:31	

1

07/21/22 09:27 07/21/22 17:31

1,4-Difluorobenzene (Surr)

70 - 130

Client: Carmona Resources Project/Site: Mamba 30 State Com #744-745 Job ID: 880-17140-1 SDG: Lea Co, NM

Lab Sample ID: 880-17140-23

Client Sample ID: Background-1 (0-0.5') Date Collected: 07/19/22 00:00 Date Received: 07/20/22 08:27

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/22/22 09:52	1	ī
Method: 8015 NM - Diesel Rar	nge Organic	s (DRO) (0	GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<50.0	U	50.0		mg/Kg			07/22/22 11:22	1	5
Method: 8015B NM - Diesel Ra	ange Organi	ics (DRO)	(GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	ï
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1 F2	50.0		mg/Kg		07/22/22 10:22	07/22/22 12:57	1	ļ
Diesel Range Organics (Over C10-C28)	<50.0	U F1 F2	50.0		mg/Kg		07/22/22 10:22	07/22/22 12:57	1	
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/22/22 10:22	07/22/22 12:57	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	63	S1-	70 - 130				07/22/22 10:22	07/22/22 12:57	1	
o-Terphenyl	69	S1-	70 - 130				07/22/22 10:22	07/22/22 12:57	1	i
Method: 300.0 - Anions, Ion C	hromatogra	phy - Solu	uble							
Analyte	-	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	11.6		4.98		mg/Kg			07/21/22 05:27	1	

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Matrix: Solid

Lab Sample ID

Surrogate Summary

DFBZ1

(70-130)

BFB1

(70-130)

Client: Carmona Resources Project/Site: Mamba 30 State Com #744-745

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

Client Sample ID

Р		
•	Released to Imaging: 11/4/2022 2:23:06 PM	

7/26/2022	(Rev.	1)
1/20/2022	(1.0.1.	• /

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Prep	Type:	Total/NA

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr) DFBZ = 1,4-Difluorobenzene (Surr)

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

_			Per
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-17140-1	H-1 (0-0.5')	102	112
880-17140-2	H-2 (0-0.5')	105	115
880-17140-2 MS	H-2 (0-0.5')	85	91
880-17140-2 MSD	H-2 (0-0.5')	96	91
880-17140-3	H-3 (0-0.5')	122	126
880-17140-4	H-4 (0-0.5')	116	119
880-17140-5	T-1 (0-1')	105	116

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

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Surrogate Summary

Client: Carmona Resources Project/Site: Mamba 30 State Com #744-745

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

Matrix: Solid

			Pe
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-17140-6	T-1 (2')	94	105
880-17140-7	T-1 (3')	142 S1+	153 S1+
880-17140-8	T-1 (4')	103	111
880-17140-9	T-1 (5')	110	119
880-17140-10	T-1 (6')R	114	120
880-17140-11	T-2 (0-1')	94	100
880-17140-12	T-2 (2')	116	120
880-17140-13	T-2 (3')	97	105
880-17140-14	T-2 (4')	104	110
880-17140-15	T-2 (5')	123	131 S1+
880-17140-17	T-3 (0-1')	121	130
880-17140-18	T-3 (2')	117	124
880-17140-19	T-3 (3')	104	111
880-17140-20	T-3 (4')	115	120
880-17140-21	T-3 (5')	130	137 S1+
880-17140-22	T-3 (6')R	93	100
880-17140-23	Background-1 (0-0.5')	63 S1-	69 S1-
880-17140-23 MS	Background-1 (0-0.5')	52 S1-	53 S1-
880-17140-23 MSD	Background-1 (0-0.5')	34 S1-	29 S1-
890-2587-A-1-D MS	Matrix Spike	85	92
890-2587-A-1-E MSD	Matrix Spike Duplicate	84	90
LCS 880-30311/2-A	Lab Control Sample	106	124
LCS 880-30362/2-A	Lab Control Sample	109	122
LCS 880-30363/2-A	Lab Control Sample	133 S1+	168 S1+
LCSD 880-30311/3-A	Lab Control Sample Dup	101	117
LCSD 880-30362/3-A	Lab Control Sample Dup	103	117
LCSD 880-30363/3-A	Lab Control Sample Dup	117	146 S1+
MB 880-30311/1-A	Method Blank	147 S1+	175 S1+
MB 880-30362/1-A	Method Blank	153 S1+	177 S1+

Surrogate Legend

MB 880-30363/1-A

> 1CO = 1-Chlorooctane OTPH = o-Terphenyl

Method Blank

129

168 S1+

Job ID: 880-17140-1 SDG: Lea Co, NM

Prep Type: Total/NA

Client: Carmona Resources Project/Site: Mamba 30 State Com #744-745

Lab Sample ID: MB 880-30209/5-A

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analysis Batch: 30192								Prep Batch:	30209
-	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/21/22 09:27	07/21/22 11:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/21/22 09:27	07/21/22 11:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/21/22 09:27	07/21/22 11:20	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/21/22 09:27	07/21/22 11:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/21/22 09:27	07/21/22 11:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/21/22 09:27	07/21/22 11:20	1
	МВ	МВ							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				07/21/22 09:27	07/21/22 11:20	1
1,4-Difluorobenzene (Surr)	104		70 - 130				07/21/22 09:27	07/21/22 11:20	1

Lab Sample ID: LCS 880-30209/1-A Matrix: Solid **Analysis Batch: 30192**

· ·	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.08401		mg/Kg		84	70 - 130	
Toluene	0.100	0.09906		mg/Kg		99	70 - 130	
Ethylbenzene	0.100	0.1113		mg/Kg		111	70 - 130	
m-Xylene & p-Xylene	0.200	0.2318		mg/Kg		116	70 - 130	
o-Xylene	0.100	0.1269		mg/Kg		127	70 - 130	

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: LCSD 880-30209/2-A Matrix: Solid

Analysis Batch: 30192

Analysis Batch: 30192						Prep Batch: 30209			
	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.1030		mg/Kg		103	70 - 130	20	35
Toluene	0.100	0.09343		mg/Kg		93	70 - 130	6	35
Ethylbenzene	0.100	0.09535		mg/Kg		95	70 - 130	15	35
m-Xylene & p-Xylene	0.200	0.1889		mg/Kg		94	70 - 130	20	35
o-Xylene	0.100	0.1032		mg/Kg		103	70 - 130	21	35

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 880-16985-A-1-H MS Matrix: Solid

Matrix: Solid Analysis Batch: 30192										pe: Total/NA Batch: 30209
	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00201	U	0.0998	0.07821		mg/Kg		78	70 - 130	
Toluene	<0.00201	U	0.0998	0.09070		mg/Kg		91	70 - 130	

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Client Sample ID: Matrix Spike

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Released to Imaging: 11/4/2022 2:23:06 PM

Client: Carmona Resources Project/Site: Mamba 30 State Com #744-745

Lab Sample ID: 880-16985-A-1-H MS

Matrix: Solid

Analyte

o-Xylene

Surrogate

Ethylbenzene

m-Xylene & p-Xylene

Analysis Batch: 30192

4-Bromofluorobenzene (Surr)

1,4-Difluorobenzene (Surr)

Method: 8021B - Volatile Organic Compou

Sample Sample

MS MS

%Recovery Qualifier

107

87

<0.00201 U

<0.00402 U

<0.00201 U

Result Qualifier

unds (GC	:) (Conti	nued)						
				CI	ient Sa		Matrix Spike	
							pe: Total/NA Batch: 30209	
Spike	MS	MS				%Rec		5
Added	Result	Qualifier	Unit	D	%Rec	Limits		
0.0998	0.09555		mg/Kg		96	70 - 130		
0.200	0.1898		mg/Kg		95	70 - 130		
0.0998	0.1013		mg/Kg		102	70 - 130		7
Limits								8
70 - 130								
70 - 130								9
			Client Sa	mp	le ID: N		ke Duplicate pe: Total/NA	
							Batch: 30209	
Spike	MSD	MSD				%Rec	RPD	
Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD Limit	
0.100	0.08560		mg/Kg		85	70 - 130	9 35	

Lab Sample ID: 880-16985-A-1-I MSD
Matrix: Solid
Analysis Batch: 30192

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	<0.00201	U	0.100	0.08560		mg/Kg		85	70 - 130	9	35	
Toluene	<0.00201	U	0.100	0.09653		mg/Kg		96	70 - 130	6	35	ï
Ethylbenzene	<0.00201	U	0.100	0.1057		mg/Kg		105	70 - 130	10	35	
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2190		mg/Kg		109	70 - 130	14	35	5
o-Xylene	<0.00201	U	0.100	0.1191		mg/Kg		119	70 - 130	16	35	

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	118		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: MB 880-30237/5-A Matrix: Solid Analysis Batch: 30480

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 15:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 15:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 15:12	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/21/22 12:03	07/24/22 15:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/21/22 12:03	07/24/22 15:12	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/21/22 12:03	07/24/22 15:12	1
	MB	МВ							

Surrogate %Recovery Qualifier Limits
4-Bromofluorobenzene (Surr) 78 70 - 130
1,4-Difluorobenzene (Surr) 87 70 - 130

Lab Sample ID: LCS 880-30237/1-A Matrix: Solid Analysis Batch: 30480

Spike	LCS	LCS				%Rec
Analyte Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene 0.100	0.09322		mg/Kg		93	70 - 130
Toluene 0.100	0.09336		mg/Kg		93	70 - 130
Ethylbenzene 0.100	0.09400		mg/Kg		94	70 - 130
m-Xylene & p-Xylene 0.200	0.1925		mg/Kg		96	70 - 130

Eurofins Midland

Client Sample ID: Method Blank

Analyzed

Prep Type: Total/NA

Prep Batch: 30237

Dil Fac

1

1

Prepared

07/21/22 12:03 07/24/22 15:12

07/21/22 12:03 07/24/22 15:12

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 30237

Job ID: 880-17140-1 SDG: Lea Co, NM

Client: Carmona Resources Project/Site: Mamba 30 State Com #744-745

Lab Sample ID: LCS 880- Matrix: Solid				Clier	nt Sai	mple ID	: Lab Cor Prep Ty	pe: Tot	al/NA		
Analysis Batch: 30480			0	1.00						Batch: 3	30237
Analyte			Spike Added	-	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.100	0.1082		mg/Kg		108	70 - 130		
			01100	0002					10-100		
	LCS	LCS									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	105		70 - 130								
1,4-Difluorobenzene (Surr)	97		70 - 130								
Lab Sample ID: LCSD 88	0-30237/2-A				c	Client Sa	mple	ID: Lab		Sample	ə Dur
Matrix: Solid							· ·		Prep Ty	pe: Tot	al/N/
Analysis Batch: 30480										atch:	
			Spike	LCSD	LCSD				%Rec		RPE
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limi
Benzene			0.100	0.08469		mg/Kg		85	70 - 130	10	3
Toluene			0.100	0.08536		mg/Kg		85	70 - 130	9	3
Ethylbenzene			0.100	0.08802		mg/Kg		88	70 - 130	7	3

0.200

0.100

0.1798

0.1014

mg/Kg

mg/Kg

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-17140-1 MS **Matrix: Solid** Analysis Batch: 30480

m-Xylene & p-Xylene

o-Xylene

Analysis Daton. 30400									пер Б	
	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00201	U F1 F2	0.101	0.07832		mg/Kg		78	70 - 130	
Toluene	<0.00201	U F1 F2	0.101	0.05695	F1	mg/Kg		56	70 - 130	
Ethylbenzene	<0.00201	U F1 F2	0.101	0.06817	F1	mg/Kg		68	70 - 130	
m-Xylene & p-Xylene	<0.00402	U F1	0.202	0.1023	F1	mg/Kg		51	70 - 130	
o-Xylene	<0.00201	U F1 F2	0.101	0.1048		mg/Kg		104	70 - 130	

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	82		70 - 130
1,4-Difluorobenzene (Surr)	150	S1+	70 - 130

Lab Sample ID: 880-17140-1 MSD Matrix: Solid nalysis Batch: 30480

Analysis Batch: 30480									Prep E		30237
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00201	U F1 F2	0.0998	0.04543	F1 F2	mg/Kg		46	70 - 130	53	35
Toluene	<0.00201	U F1 F2	0.0998	0.03677	F1 F2	mg/Kg		37	70 - 130	43	35
Ethylbenzene	<0.00201	U F1 F2	0.0998	0.03004	F1 F2	mg/Kg		30	70 - 130	78	35
m-Xylene & p-Xylene	<0.00402	U F1	0.200	0.07450	F1	mg/Kg		37	70 - 130	31	35
o-Xylene	<0.00201	U F1 F2	0.0998	0.06880	F1 F2	mg/Kg		69	70 - 130	42	35

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Job ID: 880-17140-1 SDG: Lea Co, NM

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

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

Prep Type: Total/NA

70 - 130

70 - 130

90

101

Prep Batch: 30237

7

7

35

Client: Carmona Resources Project/Site: Mamba 30 State Com #744-745

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

Method: 8021B - Volatile	Organic C	ompou		Com	mue	eu)						
Lab Sample ID: 880-17140-1 Matrix: Solid	MSD								Client S	ample ID: H Prep Type	: Tot	tal/NA
Analysis Batch: 30480										Prep Bat	ch:	30237
	MSD MS	SD										
Surrogate	%Recovery Qu	alifier	Limits									
4-Bromofluorobenzene (Surr)	42 S1		70 - 130									
1,4-Difluorobenzene (Surr)	132 S1	+	70 - 130									
Method: 8015B NM - Die	sel Range	Organic	:s (DRO) (GC)								
Lab Sample ID: MB 880-303	11/1 -A							(Client Sam	ple ID: Met	hod	Blank
Matrix: Solid										Prep Type		
Analysis Batch: 30249										Prep Ba		
	ME	MB										
Analyte	Resul	t Qualifier	RL		MDL	Unit		D	Prepared	Analyzed	I	Dil Fac
Gasoline Range Organics	<50.0	Ū	50.0			mg/K	9	_ (07/21/22 17:1	7 07/22/22 00	:07	1
(GRO)-C6-C10	<f0.0< td=""><td>.</td><td>50.0</td><td></td><td></td><td>m m //</td><td>~</td><td></td><td>7/04/00 47.4</td><td>7 07/00/00 00</td><td>.07</td><td>4</td></f0.0<>	.	50.0			m m //	~		7/04/00 47.4	7 07/00/00 00	.07	4
Diesel Range Organics (Over C10-C28)	<50.0	0	50.0			mg/K	9	()//21/22 17:1	7 07/22/22 00	:07	1
Oll Range Organics (Over C28-C36)	<50.0) U	50.0			mg/K	9	(07/21/22 17:1	7 07/22/22 00	:07	1
	МЕ	S MB										
Surrogate	%Recovery	Qualifier	Limits						Prepared	Analyzed	1	Dil Fac
1-Chlorooctane	147	7 S1+	70 - 130					Ī	07/21/22 17:1	7 07/22/22 00	:07	1
o-Terphenyl	175	5 S1+	70 - 130					(07/21/22 17:1	7 07/22/22 00	:07	1
_ 							01		0			
Lab Sample ID: LCS 880-303	311/2-A						CIII	ent	Sample ID	: Lab Contr		
Matrix: Solid										Prep Type		
Analysis Batch: 30249			Spike	1.00	LCS					Prep Bat %Rec	ICH.	30311
Analyta			Added	Result			Unit		D %Rec	Limits		
Analyte Gasoline Range Organics			1000	1172		anner	mg/Kg		<u>– %Rec</u> 117	70 - 130		
(GRO)-C6-C10			1000	1172			mg/rxg		117	70-150		
Diesel Range Organics (Over			1000	984.1			mg/Kg		98	70 - 130		
C10-C28)							0 0					
	LCS LC	S										
Surrogate	%Recovery Qu	alifier	Limits									
1-Chlorooctane	106		70 - 130									
o-Terphenyl	124		70 - 130									
Lab Sample ID: LCSD 880-3	0311/3-4					C	lient S	amı	ole ID: Lah	Control Sa	mnl	e Dun
Matrix: Solid								ung	Sie ib. Eur	Prep Type		
Analysis Batch: 30249										Prep Ba		
			Spike	LCSD	LCS	SD				%Rec		RPD
Analyte			Added	Result	Qua	alifier	Unit		D %Rec	Limits	RPD	Limit
Gasoline Range Organics			1000	1181			mg/Kg		118	70 - 130	1	20
(GRO)-C6-C10							0 0					
Diesel Range Organics (Over C10-C28)			1000	974.2			mg/Kg		97	70 - 130	1	20
	LCSD LC	SD										
Surrogate	%Recovery Qu	alifier	Limits									
1-Chlorooctane	101		70 - 130									
o-Terphenyl	117		70 - 130									

7/26/2022 (Rev. 1)

Job ID: 880-17140-1 SDG: Lea Co, NM

Client: Carmona Resources Project/Site: Mamba 30 State Com #744-745 Job ID: 880-17140-1 SDG: Lea Co, NM

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

			<u> </u>	· ·	/ \	/ \									
_ Lab Sample ID: 890-2587-A	-1-D MS										CI	ient Sam	ple ID: N	latrix	Spike
Matrix: Solid													Prep Typ		
Analysis Batch: 30249													Prep B		
·····,····	Sample	Sam	ple	Spike		MS	MS						%Rec		
Analyte	Result	Qua	lifier	Added		Result	Qua	alifier	Unit		D	%Rec	Limits		
Gasoline Range Organics	<50.0	U		1000		1292			mg/Kg			129	70 - 130		
(GRO)-C6-C10									0 0						
Diesel Range Organics (Over	<50.0	U		1000		828.7			mg/Kg			81	70 - 130		
C10-C28)															
	MS	мs													
Surrogate	%Recovery	Qua	lifier	Limits											
1-Chlorooctane	85			70 - 130											
o-Terphenyl	92			70 - 130											
Lab Sample ID: 890-2587-A	-1-E MSD								Client	t Sa	amp	le ID: Ma	trix Spik	e Dup	olicate
Matrix: Solid													Prep Typ	e: To	tal/NA
Analysis Batch: 30249													Prep B	atch:	30311
	Sample	Sam	ple	Spike		MSD	MSE	D					%Rec		RPD
Analyte	Result	Qua	lifier	Added		Result	Qua	alifier	Unit		D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	<50.0	U		999		1249			mg/Kg			125	70 - 130	3	20
(GRO)-C6-C10															
Diesel Range Organics (Over	<50.0	U		999		808.9			mg/Kg			79	70 - 130	2	20
C10-C28)															
	MSD	MSE)												
Surrogate	%Recovery	Qua	lifier	Limits											
1-Chlorooctane	84			70 - 130											
o-Terphenyl	90			70 - 130											
											.			a	
Lab Sample ID: MB 880-303	562/1-A										Clie		le ID: Me		
Matrix: Solid													Prep Typ		
Analysis Batch: 30366			MD										Prep Ba	atcn:	30362
Amelyte	D	MB			RL			11		D		veneved	Analyz	l	
Analyte		50.0	Qualifier		50.0	I		Unit	~	<u> </u>	-	repared	Analyze		Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<	50.0	0		50.0			mg/K	g		07/2	2/22 10:19	077227221	1:52	T
Diesel Range Organics (Over	<	50.0	U		50.0			mg/K	g		07/2	2/22 10:19	07/22/22 1	1:52	1
C10-C28)								<i>,</i>			 /-				
Oll Range Organics (Over C28-C36)) <	50.0	U		50.0			mg/K	g		07/2	2/22 10:19	07/22/22 1	1:52	1
		MB	MB												
Surrogate	%Reco		Qualifier	Limi	its						P	repared	Analyze	ed	Dil Fac
1-Chlorooctane		153											07/22/22 1		1
			. .												

Lab Sample ID: LCS 880-30362/2-A Matrix: Solid Analysis Batch: 30366

o-Terphenyl

Analysis Batch: 30366							Prep I	Batch: 30362
	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	1111		mg/Kg		111	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	926.7		mg/Kg		93	70 - 130	
C10-C28)								

70 - 130

177 S1+

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Prep Type: Total/NA

1

07/22/22 10:19 07/22/22 11:52

Client Sample ID: Lab Control Sample

Limits

70 - 130

70 - 130

Client: Carmona Resources Project/Site: Mamba 30 State Com #744-745

Lab Sample ID: LCS 880-30362/2-A

Matrix: Solid

Surrogate

o-Terphenyl

1-Chlorooctane

Analysis Batch: 30366

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

LCS LCS

%Recovery Qualifier

109

122

			Job ID: SDG:	880-17 Lea Co		2
l)						3
Clien	t Sar	nple ID	: Lab Cor			
			Prep Ty Prep B	pe: 10t Batch: 3		4
						5
						6
-			Control	0	Dura	7
nt Sar	npie	ID: Lac	Control S Prep Ty			0
				Batch: 3		0
			%Rec		RPD	9
n it g/Kg	<u>D</u>	%Rec 105	Limits 70 - 130	RPD 5	Limit 20	
y/ry		105	70 - 130	5	20	10
g/Kg		94	70 - 130	1	20	11
						12
						13
	C	lient S	ample ID: Prep Ty Prep E %Rec		al/NA	14
nit	D	%Rec	Limits			
g/Kg		120	70 - 130			
g/Kg		75	70 - 130			

Lab Sample ID: LCSD 88 Matrix: Solid Analysis Batch: 30366	0-30362/3-A					Client Sa	mple	ID: Lat			al/NA 30362
Analista			Spike	-	LCSD	11	-	0/ D = =	%Rec		RPD
Analyte			Added	1055	Qualifier	Unit	D	%Rec	Limits	RPD 5	Limit 20
Gasoline Range Organics (GRO)-C6-C10			1000	1055		mg/Kg		105	70 - 130	5	20
Diesel Range Organics (Over C10-C28)			1000	935.2		mg/Kg		94	70 - 130	1	20
	LCSD	LCSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	103		70 - 130								
o-Terphenyl	117		70 - 130								
Lab Sample ID: 880-1714 Matrix: Solid Analysis Batch: 30366	0-2 MS						C	Client S	ample ID: Prep Ty Prep E		al/NÁ
	Sample	Sample	Spike	MS	MS				%Rec		
Analyte		Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	1205		mg/Kg		120	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	746.2		mg/Kg		75	70 - 130		
	MS	MS									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	85		70 - 130								
o-Terphenyl	91		70 - 130								
Lab Sample ID: 880-1714 Matrix: Solid Analysis Batch: 30366	0-2 MSD						C	Client S	ample ID: Prep Ty Prep E		al/NÁ
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	1159		mg/Kg		116	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	764.0		mg/Kg		76	70 - 130	2	20
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	96		70 - 130								
o-Terphenyl	91		70 - 130								

Client: Carmona Resources Project/Site: Mamba 30 State Com #744-745

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

Lab Sample ID: MB 880-30363 Matrix: Solid Analysis Batch: 30368	3/1- A							le ID: Method Prep Type: To Prep Batch:	otal/NA	4
	MB	MB								5
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/22/22 10:22	07/22/22 11:52	1	6
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/22/22 10:22	07/22/22 11:52	1	7
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/22/22 10:22	07/22/22 11:52	1	8
	MB	МВ								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	Q
1-Chlorooctane	129		70 - 130				07/22/22 10:22	07/22/22 11:52	1	
o-Terphenyl	168	S1+	70 - 130				07/22/22 10:22	07/22/22 11:52	1	
Lab Sample ID: LCS 880-3036 Matrix: Solid	63/2-A					Client	· · · · · · · · · · · · · · · · · · ·	Lab Control S Prep Type: To	otal/NA	

Analysis Batch: 30368

Analysis Batch: 30368							Prep Batch: 3030			
	Spike	LCS	LCS				%Rec			
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Gasoline Range Organics (GRO)-C6-C10	 1000	833.0		mg/Kg		83	70 - 130			
Diesel Range Organics (Over C10-C28)	1000	1223		mg/Kg		122	70 - 130			

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	133	S1+	70 - 130
o-Terphenyl	168	S1+	70 - 130

Lab Sample ID: LCSD 880-30363/3-A Matrix: Solid

Analysis Batch: 30368

Analysis Daton. 00000							1100 -	Jaton. v	
	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	1000	784.4		mg/Kg		78	70 - 130	6	20
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	1065		mg/Kg		107	70 - 130	14	20
C10-C28)									

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	117		70 - 130
o-Terphenyl	146	S1+	70 - 130

Lab Sample ID: 880-17140-23 MS Matrix: Solid

Analysis Batch: 30368									Prep l	Batch: 30363
	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1 F2	1000	463.7	F1	mg/Kg		46	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.0	U F1 F2	1000	553.3	F1	mg/Kg		55	70 - 130	

Client Sample ID: Lab Control Sample Dup Prep Type: Total/NA Prep Batch: 30363

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

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Prep Type: Total/NA

Job ID: 880-17140-1

SDG: Lea Co, NM

Lab Sample ID: 880-17140-23 MS

Lab Sample ID: 880-17140-23 MSD

Matrix: Solid

Surrogate

o-Terphenyl

1-Chlorooctane

Analysis Batch: 30368

QC Sample Results

Client: Carmona Resources Project/Site: Mamba 30 State Com #744-745

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

MS MS

52 S1-

53 S1-

%Recovery Qualifier

Job ID: 880-17140-1 SDG: Lea Co, NM

Prep Type: Total/NA Prep Batch: 30363

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

7

Limits 70 - 130 70 - 130 Client Sample ID: Background-1 (0-0.5') Prep Type: Total/NA

Matrix: S	olid		
Analysis	Batch:	30368	

Analysis Batch: 30368									Prep E	Batch: 3	
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1 F2	999	368.6	F1 F2	mg/Kg		37	70 - 130	23	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1 F2	999	322.0	F1 F2	mg/Kg		32	70 - 130	53	20
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	34	S1-	70 - 130								
o-Terphenyl	29	S1-	70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-30025/1-A Matrix: Solid									Cli	en	t Sam	ple ID: M Prep T		
Analysis Batch: 30182													,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	MB	MB												
Analyte	Result	Qualifier		RL	I	MDL U	Init		DF	Pre	pared	Analy	zed	Dil Fac
Chloride	<5.00	U		5.00		n	ng/Kg					07/21/22	01:09	1
Lab Sample ID: LCS 880-30025/2-A								Clie	ent Sa	m	ple ID	: Lab Coi	ntrol Sa	mple
Matrix: Solid													ype: So	
Analysis Batch: 30182														
-			Spike		LCS	LCS						%Rec		
Analyte			Added		Result	Qualif	ier	Unit	D	0	∕₀Rec	Limits		
Chloride			250		262.7			mg/Kg			105	90 - 110		
-	_													
Lab Sample ID: LCSD 880-30025/3-	A						CI	ient S	ample) I (D: Lab	Control	Sample	e Dup
Lab Sample ID: LCSD 880-30025/3- Matrix: Solid	A						CI	ient S	ample) e	D: Lab	Control Prep T		
	A						CI	ient S	ample) e	D: Lab			
Matrix: Solid	A		Spike		LCSD	LCSD		lient S	ample	ə I[D: Lab			
Matrix: Solid	A		Spike Added		LCSD Result			lient Sa	ample D		D: Lab %Rec	Prep T		oluble
Matrix: Solid Analysis Batch: 30182	A 		•		-		ier					Prep T %Rec	ype: So	RPD
Matrix: Solid Analysis Batch: 30182 Analyte Chloride			Added		Result		ier	Unit	D	0	%Rec 105 −	Prep T %Rec Limits 90 - 110	ype: So 	RPD Limit 20
Matrix: Solid Analysis Batch: 30182 Analyte			Added		Result		ier	Unit	D	0	%Rec 105 −	Prep T %Rec Limits 90 - 110 mple ID:	ype: So RPD 0 Matrix	RPD Limit 20
Matrix: Solid Analysis Batch: 30182 Analyte Chloride Lab Sample ID: 890-2566-A-22-F MS Matrix: Solid			Added		Result		ier	Unit	D	0	%Rec 105 −	Prep T %Rec Limits 90 - 110 mple ID:	ype: So 	RPD Limit 20
Matrix: Solid Analysis Batch: 30182 Analyte Chloride Lab Sample ID: 890-2566-A-22-F MS Matrix: Solid Analysis Batch: 30182		nple	Added		Result 262.7		ier	Unit	D	0	%Rec 105 −	Prep T %Rec Limits 90 - 110 mple ID:	ype: So RPD 0 Matrix	RPD Limit 20
Matrix: Solid Analysis Batch: 30182 Analyte Chloride Lab Sample ID: 890-2566-A-22-F MS Matrix: Solid Analysis Batch: 30182 Samp		•	Added 250		Result 262.7	Qualif	ïer	Unit	D) iie	%Rec 105 −	Prep T %Rec Limits 90 - 110 mple ID: Prep T	ype: So RPD 0 Matrix	RPD Limit 20

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Client: Carmona Resources Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1 SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-2566- Matrix: Solid	A-22-G MSD)				Client S	amp	le ID: N	latrix Spil Prep T		
Analysis Batch: 30182											
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte		Qualifier	Added		Qualifier	Unit	_ <u>D</u>	%Rec	Limits	RPD	Limit
_Chloride	347		249	586.7		mg/Kg		96	90 - 110	1	20
Lab Sample ID: MB 880-30 Matrix: Solid	0130/1-A						Clie	ent Sam	ple ID: M Prep T		
Analysis Batch: 30297											
		MB MB									
Analyte		sult Qualifier			MDL Unit	D	P	repared	Analy		Dil Fac
Chloride	<	5.00 U		5.00	mg/K	g			07/22/22	06:00	1
Lab Sample ID: LCS 880-3 Matrix: Solid	80130/2-A					Clien	t Sai	mple ID	: Lab Cor Prep T		
Analysis Batch: 30297											
			Spike	_	LCS				%Rec		
Analyte			Added		Qualifier	Unit	_ D	%Rec	Limits		
Chloride			250	274.5		mg/Kg		110	90 - 110		
Lab Sample ID: LCSD 880 Matrix: Solid	-30130/3-A				C	Client San	nple	ID: Lab	Control Prep T		
Analysis Batch: 30297											
			Spike	LCSD	LCSD				%Rec		RPD
Analyte Chloride			Added		Qualifier	Unit	_ <u>D</u>	%Rec	Limits	0	Limit
 Lab Sample ID: 880-17140)-1 MS		250	274.8		mg/Kg	C	110 Client S	90 ₋ 110 ample ID:	H-1 ((
 _		Sample	250 Spike		MS	ilig/Kg	C			H-1 (()-0.5')
Lab Sample ID: 880-17140 Matrix: Solid Analysis Batch: 30297 Analyte	Sample Result	Qualifier	Spike Added	MS Result	Qualifier	Unit	С 	Client S	ample ID: Prep T	H-1 (()-0.5')
Lab Sample ID: 880-17140 Matrix: Solid Analysis Batch: 30297	Sample	Qualifier	Spike	MS	Qualifier			Client S	ample ID: Prep Ty %Rec	H-1 (()-0.5')
Lab Sample ID: 880-17140 Matrix: Solid Analysis Batch: 30297 Analyte Chloride Lab Sample ID: 880-17140 Matrix: Solid	Sample Result 1110	Qualifier	Spike Added	MS Result	Qualifier	Unit	<u>D</u>	%Rec 116	ample ID: Prep Ty %Rec Limits	H-1 ((ype: So 	0-0.5') bluble
Lab Sample ID: 880-17140 Matrix: Solid Analysis Batch: 30297 Analyte Chloride Lab Sample ID: 880-17140	Sample Result 1110 0-1 MSD	Qualifier	Spike Added 1260	MS Result 2565	Qualifier	Unit	<u>D</u>	%Rec 116	ample ID: Prep Ty %Rec Limits 90 - 110 ample ID: Prep Ty	H-1 ((ype: So 	0-0.5') bluble
Lab Sample ID: 880-17140 Matrix: Solid Analysis Batch: 30297 Analyte Chloride Lab Sample ID: 880-17140 Matrix: Solid	Sample Result 1110 9-1 MSD Sample	Qualifier F1	Spike Added	MS Result 2565 MSD	Qualifier F1	Unit	<u>D</u>	%Rec 116	ample ID: Prep Ty %Rec Limits 90 - 110 ample ID:	H-1 ((ype: So 	0-0.5') bluble 0-0.5') bluble
Lab Sample ID: 880-17140 Matrix: Solid Analysis Batch: 30297 Analyte Chloride Lab Sample ID: 880-17140 Matrix: Solid Analysis Batch: 30297	Sample Result 1110 9-1 MSD Sample	Qualifier F1 Sample Qualifier	Spike Added 1260 Spike	MS Result 2565 MSD	Qualifier F1 MSD Qualifier	Unit mg/Kg	_ <u>D</u>	%Rec 116 Client S	ample ID: Prep T %Rec Limits 90 - 110 ample ID: Prep T %Rec	H-1 ((ype: So H-1 ((ype: So	0-0.5') bluble 0-0.5') bluble RPD
Lab Sample ID: 880-17140 Matrix: Solid Analysis Batch: 30297 Analyte Chloride Lab Sample ID: 880-17140 Matrix: Solid Analysis Batch: 30297 Analyte Chloride Lab Sample ID: 880-17140 Matrix: Solid	Sample Result 1110 0-1 MSD Sample Result 1110	Qualifier F1 Sample Qualifier	Spike Added 1260 Spike Added	MS Result 2565 MSD Result	Qualifier F1 MSD Qualifier	Unit mg/Kg Unit	_ <u>D</u>	%Rec 116 Client S %Rec 116	ample ID: Prep T %Rec Limits 90 - 110 ample ID: Prep T %Rec Limits	H-1 ((ype: So H-1 ((ype: So <u>RPD</u> 0 D: T-2	0-0.5') oluble 0-0.5') oluble RPD Limit 20 (0-1')
Lab Sample ID: 880-17140 Matrix: Solid Analysis Batch: 30297 Analyte Chloride Lab Sample ID: 880-17140 Matrix: Solid Analysis Batch: 30297 Analyte Chloride Lab Sample ID: 880-17140	Sample Result 1110 0-1 MSD Sample Result 1110 0-11 MS	Qualifier F1 Sample Qualifier F1	Spike Added 1260 Spike Added 1260	MS Result 2565 MSD Result 2566	Qualifier F1 MSD Qualifier F1	Unit mg/Kg Unit	_ <u>D</u>	%Rec 116 Client S %Rec 116	ample ID: Prep T %Rec Limits 90 - 110 ample ID: Prep T %Rec Limits 90 - 110 Sample I Prep T	H-1 ((ype: So H-1 ((ype: So <u>RPD</u> 0 D: T-2	0-0.5') oluble 0-0.5') oluble RPD Limit 20 (0-1')
Lab Sample ID: 880-17140 Matrix: Solid Analysis Batch: 30297 Analyte Chloride Lab Sample ID: 880-17140 Matrix: Solid Analysis Batch: 30297 Analyte Chloride Lab Sample ID: 880-17140 Matrix: Solid Analysis Batch: 30297	Sample Result 1110 9-1 MSD Sample Result 1110 9-11 MS Sample	Qualifier F1 Sample Qualifier	Spike Added 1260 Spike Added	MS Result 2565 MSD Result 2566	Qualifier F1 MSD Qualifier F1	Unit mg/Kg Unit	_ <u>D</u>	%Rec 116 Client S %Rec 116	ample ID: Prep T %Rec Limits 90 - 110 ample ID: Prep T %Rec Limits 90 - 110 Sample I	H-1 ((ype: So H-1 ((ype: So <u>RPD</u> 0 D: T-2	0-0.5') oluble 0-0.5') oluble RPD Limit 20 (0-1')
Lab Sample ID: 880-17140 Matrix: Solid Analysis Batch: 30297 Analyte Chloride Lab Sample ID: 880-17140 Matrix: Solid Analysis Batch: 30297 Analyte Chloride Lab Sample ID: 880-17140 Matrix: Solid	Sample Result 1110 9-1 MSD Sample Result 1110 9-11 MS Sample	Qualifier F1 Sample Qualifier F1 Sample Qualifier	Spike Added 1260 Spike Added 1260 Spike	MS Result 2565 MSD Result 2566	Qualifier F1 MSD Qualifier F1 MS Qualifier	Unit mg/Kg Unit mg/Kg	_ D (_ D	%Rec 116 Client S %Rec 116 Client S %Rec 116 Client S	ample ID: Prep T %Rec Limits 90 - 110 ample ID: Prep T %Rec Limits 90 - 110 Sample I Prep T %Rec	H-1 ((ype: So H-1 ((ype: So <u>RPD</u> 0 D: T-2	0-0.5') oluble 0-0.5') oluble RPD Limit 20 (0-1')
Lab Sample ID: 880-17140 Matrix: Solid Analysis Batch: 30297 Analyte Chloride Lab Sample ID: 880-17140 Matrix: Solid Analysis Batch: 30297 Analyte Chloride Lab Sample ID: 880-17140 Matrix: Solid Analysis Batch: 30297 Analyte	Sample Result 1110 0-1 MSD Sample Result 1110 0-11 MS Sample Result 9120	Qualifier	Spike Added 1260 Spike Added 2500	MS Result 2565 MSD Result 2566 MS Result 12190	Qualifier F1 MSD Qualifier F1 MS Qualifier F1	Unit mg/Kg Unit mg/Kg	_ D (_ D	%Rec 116 Client S %Rec 116 Client S %Rec 116 Client 3	ample ID: Prep T %Rec Limits 90 - 110 ample ID: Prep T %Rec Limits 90 - 110 Sample I Prep T %Rec Limits 90 - 110 Sample I Prep T	H-1 ((ype: So H-1 ((ype: So D: T-2 ype: So D: T-2	0-0.5') oluble 0-0.5') oluble RPD Limit 20 (0-1') oluble (0-1') oluble
Lab Sample ID: 880-17140 Matrix: Solid Analysis Batch: 30297 Analyte Chloride Lab Sample ID: 880-17140 Matrix: Solid Analysis Batch: 30297 Analyte Chloride Lab Sample ID: 880-17140 Matrix: Solid Analysis Batch: 30297 Analyte Chloride Lab Sample ID: 880-17140 Matrix: Solid Analysis Batch: 30297	Sample Result 1110 0-1 MSD Sample Result 1110 0-11 MS Sample Result 9120 0-11 MSD Sample	Qualifier	Spike Added 1260 Spike Added 2500 Spike	MS Result 2565 MSD Result 2566 MS Result 12190	Qualifier F1 MSD Qualifier F1 MS Qualifier F1	Unit mg/Kg Unit mg/Kg	_ D _ D	%Rec 116 Client S %Rec 116 Client %Rec 116 Client Client Client Client	ample ID: Prep T %Rec Limits 90 - 110 ample ID: Prep T %Rec Limits 90 - 110 Sample I Prep T %Rec Limits 90 - 110 Sample I Prep T %Rec	H-1 ((ype: So H-1 ((ype: So D: T-2 ype: So D: T-2 ype: So	0-0.5') oluble PO-0.5') oluble RPD Limit 20 (0-1') oluble (0-1') oluble RPD RPD
Lab Sample ID: 880-17140 Matrix: Solid Analysis Batch: 30297 Analyte Chloride Lab Sample ID: 880-17140 Matrix: Solid Analysis Batch: 30297 Analyte Chloride Lab Sample ID: 880-17140 Matrix: Solid Analysis Batch: 30297 Analyte Chloride Lab Sample ID: 880-17140 Matrix: Solid	Sample Result 1110 0-1 MSD Sample Result 1110 0-11 MS Sample Result 9120 0-11 MSD Sample	Qualifier	Spike Added 1260 Spike Added 2500	MS Result 2565 MSD Result 2566 MS Result 12190	Qualifier F1 MSD Qualifier F1 MS Qualifier F1 MSD Qualifier	Unit mg/Kg Unit mg/Kg	_ D (_ D	%Rec 116 Client S %Rec 116 Client S %Rec 116 Client 3	ample ID: Prep T %Rec Limits 90 - 110 ample ID: Prep T %Rec Limits 90 - 110 Sample I Prep T %Rec Limits 90 - 110 Sample I Prep T	H-1 ((ype: So H-1 ((ype: So D: T-2 ype: So D: T-2	0-0.5') oluble 0-0.5') oluble RPD Limit 20 (0-1') oluble (0-1') oluble

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Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-309 Matrix: Solid	597/1-A							Cli	ient San	nple ID: M Prep T	lethod I ype: Sc	
Analysis Batch: 30701	_											
	-	MB MB						_	_			
Analyte		ult Qualifier		RL		MDL U	-	<u>D</u>	Prepared	Analy		Dil Fac
Chloride	<5.	.00 U		5.00		m	g/Kg			07/26/22	13:20	1
Lab Sample ID: LCS 880-30	597/2-A						Cli	ent Sa	ample IC	: Lab Coi	ntrol Sa	ample
Matrix: Solid											ype: So	
Analysis Batch: 30701												
			Spike		LCS	LCS				%Rec		
Analyte			Added		Result	Qualifi	er Unit	D	%Rec	Limits		
Chloride			250		256.4		mg/Kg		103	90 - 110		
Lab Sample ID: LCSD 880-3	20507/2_A						Client S	ample		o Control	Sample	
Matrix: Solid	JUJJ1/J-A						onent o	ampie			ype: So	
Analysis Batch: 30701										перт	ype. oc	Juble
			Spike		LCSD	LCSD				%Rec		RPD
Analyte			Added			Qualifi	er Unit	D	%Rec	Limits	RPD	Limit
Chloride			250		257.9		mg/Kg		103	90 - 110	1	20
Lab Sample ID: 880-17350-	4.5.8 MS							C	lient Sa	mple ID:	Matrix	Snike
Matrix: Solid											ype: So	
Analysis Batch: 30701											,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	Sample S	Sample	Spike		MS	MS				%Rec		
Analyte	Result (-	Added		Result	Qualifi	er Unit	D	%Rec	Limits		
Chloride	227	<u> </u>	1240		1558		mg/Kg		107	90 - 110		
 Lab Sample ID: 880-17350-,							Client	t Sami		Aatrix Spi	ko Dun	licato
Matrix: Solid							Cheff	Uaiii	י י אי אין		ype: So	
Analysis Batch: 30701										i top i	, po. 00	
	Sample S	Sample	Spike		MSD	MSD				%Rec		RPD
Analyte	Result (Qualifier	Added		Result	Qualifi	er Unit	D	%Rec	Limits	RPD	Limit

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QC Association Summary

Client: Carmona Resources Project/Site: Mamba 30 State Com #744-745

GC VOA

Analysis Batch: 30192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17140-22	T-3 (6')R	Total/NA	Solid	8021B	30209
880-17140-23	Background-1 (0-0.5')	Total/NA	Solid	8021B	30209
MB 880-30209/5-A	Method Blank	Total/NA	Solid	8021B	30209
LCS 880-30209/1-A	Lab Control Sample	Total/NA	Solid	8021B	30209
LCSD 880-30209/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	30209
880-16985-A-1-H MS	Matrix Spike	Total/NA	Solid	8021B	30209
880-16985-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	30209

Prep Batch: 30209

		Total/Total	Colla	00210	00200	0
Prep Batch: 30209						ð
Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch	9
880-17140-22	T-3 (6')R	Total/NA	Solid	5035		
880-17140-23	Background-1 (0-0.5')	Total/NA	Solid	5035		10
MB 880-30209/5-A	Method Blank	Total/NA	Solid	5035		
LCS 880-30209/1-A	Lab Control Sample	Total/NA	Solid	5035		44
LCSD 880-30209/2-A	Lab Control Sample Dup	Total/NA	Solid	5035		
880-16985-A-1-H MS	Matrix Spike	Total/NA	Solid	5035		12
880-16985-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	5035		
Prep Batch: 30237						13

Prep Batch: 30237

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17140-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-17140-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-17140-3	H-3 (0-0.5')	Total/NA	Solid	5035	
880-17140-4	H-4 (0-0.5')	Total/NA	Solid	5035	
880-17140-5	T-1 (0-1')	Total/NA	Solid	5035	
880-17140-6	T-1 (2')	Total/NA	Solid	5035	
880-17140-7	T-1 (3')	Total/NA	Solid	5035	
880-17140-8	T-1 (4')	Total/NA	Solid	5035	
880-17140-9	T-1 (5')	Total/NA	Solid	5035	
880-17140-10	T-1 (6')R	Total/NA	Solid	5035	
880-17140-11	T-2 (0-1')	Total/NA	Solid	5035	
880-17140-12	T-2 (2')	Total/NA	Solid	5035	
880-17140-13	T-2 (3')	Total/NA	Solid	5035	
880-17140-14	T-2 (4')	Total/NA	Solid	5035	
880-17140-15	T-2 (5')	Total/NA	Solid	5035	
880-17140-17	T-3 (0-1')	Total/NA	Solid	5035	
880-17140-18	T-3 (2')	Total/NA	Solid	5035	
880-17140-19	T-3 (3')	Total/NA	Solid	5035	
880-17140-20	T-3 (4')	Total/NA	Solid	5035	
880-17140-21	T-3 (5')	Total/NA	Solid	5035	
MB 880-30237/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-30237/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-30237/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-17140-1 MS	H-1 (0-0.5')	Total/NA	Solid	5035	
880-17140-1 MSD	H-1 (0-0.5')	Total/NA	Solid	5035	

Analysis Batch: 30345

Lab Sample ID 880-17140-1	Client Sample ID H-1 (0-0.5')	Prep Type Total/NA	Matrix Solid	Method Total BTEX	Prep Batch
880-17140-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-17140-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	

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Job ID: 880-17140-1 SDG: Lea Co, NM

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QC Association Summary

Client: Carmona Resources Project/Site: Mamba 30 State Com #744-745

GC VOA (Continued)

Analysis Batch: 30345 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17140-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-17140-5	T-1 (0-1')	Total/NA	Solid	Total BTEX	
880-17140-6	T-1 (2')	Total/NA	Solid	Total BTEX	
880-17140-7	T-1 (3')	Total/NA	Solid	Total BTEX	
880-17140-8	T-1 (4')	Total/NA	Solid	Total BTEX	
880-17140-9	T-1 (5')	Total/NA	Solid	Total BTEX	
880-17140-10	T-1 (6')R	Total/NA	Solid	Total BTEX	
880-17140-11	T-2 (0-1')	Total/NA	Solid	Total BTEX	
880-17140-12	T-2 (2')	Total/NA	Solid	Total BTEX	
880-17140-13	T-2 (3')	Total/NA	Solid	Total BTEX	
880-17140-14	T-2 (4')	Total/NA	Solid	Total BTEX	
880-17140-15	T-2 (5')	Total/NA	Solid	Total BTEX	
880-17140-17	T-3 (0-1')	Total/NA	Solid	Total BTEX	
880-17140-18	T-3 (2')	Total/NA	Solid	Total BTEX	
880-17140-19	T-3 (3')	Total/NA	Solid	Total BTEX	
880-17140-20	T-3 (4')	Total/NA	Solid	Total BTEX	
880-17140-21	T-3 (5')	Total/NA	Solid	Total BTEX	
880-17140-22	T-3 (6')R	Total/NA	Solid	Total BTEX	
880-17140-23	Background-1 (0-0.5')	Total/NA	Solid	Total BTEX	

Analysis Batch: 30480

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17140-1	H-1 (0-0.5')	Total/NA	Solid	8021B	30237
880-17140-2	H-2 (0-0.5')	Total/NA	Solid	8021B	30237
880-17140-3	H-3 (0-0.5')	Total/NA	Solid	8021B	30237
880-17140-4	H-4 (0-0.5')	Total/NA	Solid	8021B	30237
880-17140-5	T-1 (0-1')	Total/NA	Solid	8021B	30237
880-17140-6	T-1 (2')	Total/NA	Solid	8021B	30237
880-17140-7	T-1 (3')	Total/NA	Solid	8021B	30237
880-17140-8	T-1 (4')	Total/NA	Solid	8021B	30237
880-17140-9	T-1 (5')	Total/NA	Solid	8021B	30237
880-17140-10	T-1 (6')R	Total/NA	Solid	8021B	30237
880-17140-11	T-2 (0-1')	Total/NA	Solid	8021B	30237
880-17140-12	T-2 (2')	Total/NA	Solid	8021B	30237
880-17140-13	T-2 (3')	Total/NA	Solid	8021B	30237
880-17140-14	T-2 (4')	Total/NA	Solid	8021B	30237
880-17140-15	T-2 (5')	Total/NA	Solid	8021B	30237
880-17140-17	T-3 (0-1')	Total/NA	Solid	8021B	30237
880-17140-18	T-3 (2')	Total/NA	Solid	8021B	30237
880-17140-19	T-3 (3')	Total/NA	Solid	8021B	30237
880-17140-20	T-3 (4')	Total/NA	Solid	8021B	30237
880-17140-21	T-3 (5')	Total/NA	Solid	8021B	30237
MB 880-30237/5-A	Method Blank	Total/NA	Solid	8021B	30237
LCS 880-30237/1-A	Lab Control Sample	Total/NA	Solid	8021B	30237
LCSD 880-30237/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	30237
880-17140-1 MS	H-1 (0-0.5')	Total/NA	Solid	8021B	30237
880-17140-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8021B	30237

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Prep Type

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Prep Type

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Matrix

Solid

Solid

Solid

Solid

Solid

Solid

Matrix

Solid

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Method

8015B NM

8015B NM

8015B NM

8015B NM

8015B NM

8015B NM

Method

8015NM Prep

8015NM Prep

8015NM Prep

8015NM Prep

8015NM Prep

8015NM Prep

Client: Carmona Resources Project/Site: Mamba 30 State Com #744-745

Client Sample ID

Lab Control Sample

Lab Control Sample Dup

Matrix Spike Duplicate

Client Sample ID

Lab Control Sample

Lab Control Sample Dup

Matrix Spike Duplicate

H-1 (0-0.5')

Method Blank

Matrix Spike

H-1 (0-0.5')

Method Blank

Matrix Spike

GC Semi VOA

Lab Sample ID

MB 880-30311/1-A

LCS 880-30311/2-A

LCSD 880-30311/3-A

890-2587-A-1-E MSD

Prep Batch: 30311

Lab Sample ID

MB 880-30311/1-A

LCS 880-30311/2-A

LCSD 880-30311/3-A

890-2587-A-1-D MS

880-17140-1

890-2587-A-1-D MS

880-17140-1

Analysis Batch: 30249

SDG: Lea Co, N

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Prep Batch

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9	

890-2587-A-1-E MSD Prep Batch: 30362

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batc
880-17140-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-17140-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-17140-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-17140-5	T-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-17140-6	T-1 (2')	Total/NA	Solid	8015NM Prep	
880-17140-7	T-1 (3')	Total/NA	Solid	8015NM Prep	
880-17140-8	T-1 (4')	Total/NA	Solid	8015NM Prep	
880-17140-9	T-1 (5')	Total/NA	Solid	8015NM Prep	
880-17140-10	T-1 (6')R	Total/NA	Solid	8015NM Prep	
880-17140-11	T-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-17140-12	T-2 (2')	Total/NA	Solid	8015NM Prep	
880-17140-13	T-2 (3')	Total/NA	Solid	8015NM Prep	
880-17140-14	T-2 (4')	Total/NA	Solid	8015NM Prep	
880-17140-15	T-2 (5')	Total/NA	Solid	8015NM Prep	
880-17140-17	T-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-17140-18	T-3 (2')	Total/NA	Solid	8015NM Prep	
880-17140-19	T-3 (3')	Total/NA	Solid	8015NM Prep	
880-17140-20	T-3 (4')	Total/NA	Solid	8015NM Prep	
880-17140-21	T-3 (5')	Total/NA	Solid	8015NM Prep	
880-17140-22	T-3 (6')R	Total/NA	Solid	8015NM Prep	
MB 880-30362/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-30362/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-30362/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-17140-2 MS	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-17140-2 MSD	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 30363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17140-23	Background-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-30363/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-30363/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-30363/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-17140-23 MS	Background-1 (0-0.5')	Total/NA	Solid	8015NM Prep	

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GC Semi VOA (Continued)

Prep Batch: 30363 (Continued)

La	b Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
88	0-17140-23 MSD	Background-1 (0-0.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 30366

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17140-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	30362
880-17140-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	30362
880-17140-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	30362
880-17140-5	T-1 (0-1')	Total/NA	Solid	8015B NM	30362
880-17140-6	T-1 (2')	Total/NA	Solid	8015B NM	30362
880-17140-7	T-1 (3')	Total/NA	Solid	8015B NM	30362
880-17140-8	T-1 (4')	Total/NA	Solid	8015B NM	30362
880-17140-9	T-1 (5')	Total/NA	Solid	8015B NM	30362
880-17140-10	T-1 (6')R	Total/NA	Solid	8015B NM	30362
880-17140-11	T-2 (0-1')	Total/NA	Solid	8015B NM	30362
880-17140-12	T-2 (2')	Total/NA	Solid	8015B NM	30362
880-17140-13	T-2 (3')	Total/NA	Solid	8015B NM	30362
880-17140-14	T-2 (4')	Total/NA	Solid	8015B NM	30362
880-17140-15	T-2 (5')	Total/NA	Solid	8015B NM	30362
880-17140-17	T-3 (0-1')	Total/NA	Solid	8015B NM	30362
880-17140-18	T-3 (2')	Total/NA	Solid	8015B NM	30362
880-17140-19	T-3 (3')	Total/NA	Solid	8015B NM	30362
880-17140-20	T-3 (4')	Total/NA	Solid	8015B NM	30362
880-17140-21	T-3 (5')	Total/NA	Solid	8015B NM	30362
880-17140-22	T-3 (6')R	Total/NA	Solid	8015B NM	30362
MB 880-30362/1-A	Method Blank	Total/NA	Solid	8015B NM	30362
LCS 880-30362/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	30362
LCSD 880-30362/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	30362
880-17140-2 MS	H-2 (0-0.5')	Total/NA	Solid	8015B NM	30362
880-17140-2 MSD	H-2 (0-0.5')	Total/NA	Solid	8015B NM	30362

Analysis Batch: 30368

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
880-17140-23	Background-1 (0-0.5')	Total/NA	Solid	8015B NM	30363
MB 880-30363/1-A	Method Blank	Total/NA	Solid	8015B NM	30363
LCS 880-30363/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	30363
LCSD 880-30363/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	30363
880-17140-23 MS	Background-1 (0-0.5')	Total/NA	Solid	8015B NM	30363
880-17140-23 MSD	Background-1 (0-0.5')	Total/NA	Solid	8015B NM	30363

Analysis Batch: 30395

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17140-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-17140-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-17140-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-17140-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	
880-17140-5	T-1 (0-1')	Total/NA	Solid	8015 NM	
880-17140-6	T-1 (2')	Total/NA	Solid	8015 NM	
880-17140-7	T-1 (3')	Total/NA	Solid	8015 NM	
880-17140-8	T-1 (4')	Total/NA	Solid	8015 NM	
880-17140-9	T-1 (5')	Total/NA	Solid	8015 NM	
880-17140-10	T-1 (6')R	Total/NA	Solid	8015 NM	

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Job ID: 880-17140-1 SDG: Lea Co, NM

Client: Carmona Resources Project/Site: Mamba 30 State Com #744-745

GC Semi VOA (Continued)

Analysis Batch: 30395 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17140-11	T-2 (0-1')	Total/NA	Solid	8015 NM	
880-17140-12	T-2 (2')	Total/NA	Solid	8015 NM	
880-17140-13	T-2 (3')	Total/NA	Solid	8015 NM	
880-17140-14	T-2 (4')	Total/NA	Solid	8015 NM	
880-17140-15	T-2 (5')	Total/NA	Solid	8015 NM	
880-17140-17	T-3 (0-1')	Total/NA	Solid	8015 NM	
880-17140-18	T-3 (2')	Total/NA	Solid	8015 NM	
880-17140-19	T-3 (3')	Total/NA	Solid	8015 NM	
880-17140-20	T-3 (4')	Total/NA	Solid	8015 NM	
880-17140-21	T-3 (5')	Total/NA	Solid	8015 NM	
880-17140-22	T-3 (6')R	Total/NA	Solid	8015 NM	
880-17140-23	Background-1 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 30025

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17140-23	Background-1 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-30025/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-30025/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-30025/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-2566-A-22-F MS	Matrix Spike	Soluble	Solid	DI Leach	
890-2566-A-22-G MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 30130

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
880-17140-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-17140-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-17140-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-17140-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
880-17140-5	T-1 (0-1')	Soluble	Solid	DI Leach	
880-17140-6	T-1 (2')	Soluble	Solid	DI Leach	
880-17140-7	T-1 (3')	Soluble	Solid	DI Leach	
880-17140-8	T-1 (4')	Soluble	Solid	DI Leach	
880-17140-9	T-1 (5')	Soluble	Solid	DI Leach	
880-17140-10	T-1 (6')R	Soluble	Solid	DI Leach	
880-17140-11	T-2 (0-1')	Soluble	Solid	DI Leach	
880-17140-12	T-2 (2')	Soluble	Solid	DI Leach	
880-17140-13	T-2 (3')	Soluble	Solid	DI Leach	
880-17140-14	T-2 (4')	Soluble	Solid	DI Leach	
880-17140-15	T-2 (5')	Soluble	Solid	DI Leach	
880-17140-17	T-3 (0-1')	Soluble	Solid	DI Leach	
880-17140-18	T-3 (2')	Soluble	Solid	DI Leach	
880-17140-19	T-3 (3')	Soluble	Solid	DI Leach	
880-17140-20	T-3 (4')	Soluble	Solid	DI Leach	
880-17140-21	T-3 (5')	Soluble	Solid	DI Leach	
MB 880-30130/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-30130/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-30130/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-17140-1 MS	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-17140-1 MSD	H-1 (0-0.5')	Soluble	Solid	DI Leach	

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Job ID: 880-17140-1 SDG: Lea Co, NM

Client: Carmona Resources Project/Site: Mamba 30 State Com #744-745

HPLC/IC (Continued)

Leach Batch: 30130 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17140-11 MS	T-2 (0-1')	Soluble	Solid	DI Leach	
880-17140-11 MSD	T-2 (0-1')	Soluble	Solid	DI Leach	

Analysis Batch: 30182

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
880-17140-23	Background-1 (0-0.5')	Soluble	Solid	300.0	30025
MB 880-30025/1-A	Method Blank	Soluble	Solid	300.0	30025
LCS 880-30025/2-A	Lab Control Sample	Soluble	Solid	300.0	30025
LCSD 880-30025/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	30025
890-2566-A-22-F MS	Matrix Spike	Soluble	Solid	300.0	30025
890-2566-A-22-G MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	30025

Analysis Batch: 30297

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17140-1	H-1 (0-0.5')	Soluble	Solid	300.0	30130
880-17140-2	H-2 (0-0.5')	Soluble	Solid	300.0	30130
880-17140-3	H-3 (0-0.5')	Soluble	Solid	300.0	30130
880-17140-4	H-4 (0-0.5')	Soluble	Solid	300.0	30130
880-17140-5	T-1 (0-1')	Soluble	Solid	300.0	30130
880-17140-6	T-1 (2')	Soluble	Solid	300.0	30130
880-17140-7	T-1 (3')	Soluble	Solid	300.0	30130
880-17140-8	T-1 (4')	Soluble	Solid	300.0	30130
880-17140-9	T-1 (5')	Soluble	Solid	300.0	30130
880-17140-10	T-1 (6')R	Soluble	Solid	300.0	30130
880-17140-11	T-2 (0-1')	Soluble	Solid	300.0	30130
880-17140-12	T-2 (2')	Soluble	Solid	300.0	30130
880-17140-13	T-2 (3')	Soluble	Solid	300.0	30130
880-17140-14	T-2 (4')	Soluble	Solid	300.0	30130
880-17140-15	T-2 (5')	Soluble	Solid	300.0	30130
880-17140-17	T-3 (0-1')	Soluble	Solid	300.0	30130
880-17140-18	T-3 (2')	Soluble	Solid	300.0	30130
880-17140-19	T-3 (3')	Soluble	Solid	300.0	30130
880-17140-20	T-3 (4')	Soluble	Solid	300.0	30130
880-17140-21	T-3 (5')	Soluble	Solid	300.0	30130
MB 880-30130/1-A	Method Blank	Soluble	Solid	300.0	30130
LCS 880-30130/2-A	Lab Control Sample	Soluble	Solid	300.0	30130
LCSD 880-30130/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	30130
880-17140-1 MS	H-1 (0-0.5')	Soluble	Solid	300.0	30130
880-17140-1 MSD	H-1 (0-0.5')	Soluble	Solid	300.0	30130
880-17140-11 MS	T-2 (0-1')	Soluble	Solid	300.0	30130
880-17140-11 MSD	T-2 (0-1')	Soluble	Solid	300.0	30130

Leach Batch: 30597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17140-22	T-3 (6')R	Soluble	Solid	DI Leach	
MB 880-30597/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-30597/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-30597/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-17350-A-5-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-17350-A-5-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

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Job ID: 880-17140-1 SDG: Lea Co, NM

Client: Carmona Resources Project/Site: Mamba 30 State Com #744-745 Job ID: 880-17140-1 SDG: Lea Co, NM

HPLC/IC

Analysis Batch: 30701

nalysis Batch: 3070	1				
_ab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-17140-22	T-3 (6')R	Soluble	Solid	300.0	30597
/IB 880-30597/1-A	Method Blank	Soluble	Solid	300.0	30597
CS 880-30597/2-A	Lab Control Sample	Soluble	Solid	300.0	30597
CSD 880-30597/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	30597
30-17350-A-5-B MS	Matrix Spike	Soluble	Solid	300.0	30597
30-17350-A-5-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	30597

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Client: Carmona Resources

Lab Chronicle

Job ID: 880-17140-1 SDG: Lea Co, NM

Lab Sample ID: 880-17140-1

Client Sample ID: H-1 (0-0.5') Date Collected: 07/19/22 00:00 Date Received: 07/20/22 08:27

Project/Site: Mamba 30 State Com #744-745

Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Prep	5035			4.97 g	5 mL	30237	07/21/22 12:03	MR	XEN MID
Analysis	8021B		1			30480	07/24/22 15:39	MR	XEN MID
Analysis	Total BTEX		1			30345	07/22/22 09:52	SM	XEN MID
Analysis	8015 NM		1			30395	07/22/22 11:22	SM	XEN MID
Prep	8015NM Prep			10.04 g	10 mL	30311	07/21/22 17:17	DM	XEN MID
Analysis	8015B NM		1	-		30249	07/22/22 09:31	SM	XEN MID
Leach	DI Leach			4.96 g	50 mL	30130	07/20/22 12:00	SMC	XEN MID
Analysis	300.0		5			30297	07/22/22 06:23	СН	XEN MID
	Type Prep Analysis Analysis Analysis Prep Analysis Leach	TypeMethodPrep5035Analysis8021BAnalysisTotal BTEXAnalysis8015 NMPrep8015NM PrepAnalysis8015B NMLeachDI Leach	TypeMethodRunPrep5035Analysis8021BAnalysisTotal BTEXAnalysis8015 NMPrep8015NM PrepAnalysis8015B NMLeachDI Leach	TypeMethodRunFactorPrep50351Analysis8021B1AnalysisTotal BTEX1Analysis8015 NM1Prep8015NM PrepAnalysis8015B NM1LeachDI Leach	TypeMethodRunFactorAmountPrep503514.97 gAnalysis8021B1AnalysisTotal BTEX1Analysis8015 NM1Prep8015NM Prep10.04 gAnalysis8015B NM1LeachDI Leach4.96 g	TypeMethodRunFactorAmountAmountPrep503514.97 g5 mLAnalysis8021B15 mLAnalysisTotal BTEX1-Analysis8015 NM1-Prep8015NM Prep10.04 g10 mLAnalysis8015B NM1-LeachDI Leach4.96 g50 mL	TypeMethodRunFactorAmountAmountNumberPrep50354.97 g5 mL30237Analysis8021B1-30480AnalysisTotal BTEX1-30345Analysis8015 NM1-30395Prep8015NM Prep110.04 g10 mL30311Analysis8015B NM1130249LeachDI Leach4.96 g50 mL30130	Type Method Run Factor Amount Amount Number or Analyzed Prep 5035 1 4.97 g 5 mL 30237 07/21/22 12:03 07/21/22 12:03 Analysis 8021B 1 30480 07/24/22 15:39 Analysis Total BTEX 1 30345 07/22/22 09:52 Analysis 8015 NM 1 30395 07/22/22 11:22 Prep 8015NM Prep 10.04 g 10 mL 30311 07/21/22 17:17 Analysis 8015B NM 1 30249 07/22/22 09:31 Leach DI Leach 4.96 g 50 mL 30130 07/20/22 12:00	Type Method Run Factor Amount Amount Number or Analyzed Analysis Analysis Prep 5035 1 4.97 g 5 mL 30237 07/21/22 12:03 MR Analysis 8021B 1 5 mL 30480 07/24/22 15:39 MR Analysis Total BTEX 1

Lab Sample ID: 880-17140-2

Date Collected: 07/19/22 00:00 Date Received: 07/20/22 08:27

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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab	
Total/NA	Prep	5035			4.99 g	5 mL	30237	07/21/22 12:03	MR	XEN MID	
Total/NA	Analysis	8021B		1			30480	07/24/22 16:06	MR	XEN MID	
Total/NA	Analysis	Total BTEX		1			30345	07/22/22 09:52	SM	XEN MID	
Total/NA	Analysis	8015 NM		1			30395	07/22/22 11:22	SM	XEN MID	
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30362	07/22/22 10:19	DM	XEN MID	
Total/NA	Analysis	8015B NM		1			30366	07/22/22 12:57	AJ	XEN MID	
Soluble	Leach	DI Leach			5.04 g	50 mL	30130	07/20/22 12:00	SMC	XEN MID	
Soluble	Analysis	300.0		1			30297	07/22/22 06:47	CH	XEN MID	

Client Sample ID: H-3 (0-0.5') Date Collected: 07/19/22 00:00 Date Received: 07/20/22 08:27

Lab Sample ID: 880-17140-3 Matrix: Solid

Lab Sample ID: 880-17140-4

	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	30237	07/21/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1			30480	07/24/22 16:32	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30345	07/22/22 09:52	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30395	07/22/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30362	07/22/22 10:19	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30366	07/22/22 14:02	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	30130	07/20/22 12:00	SMC	XEN MID
Soluble	Analysis	300.0		1			30297	07/22/22 06:54	СН	XEN MID

Client Sample ID: H-4 (0-0.5') Date Collected: 07/19/22 00:00 Date Received: 07/20/22 08:27

	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	30237	07/21/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1			30480	07/24/22 16:59	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30345	07/22/22 09:52	SM	XEN MID

Eurofins Midland

Matrix: Solid

Matrix: Solid

Lab Chronicle

Client: Carmona Resources Project/Site: Mamba 30 State Com #744-745

Client Sample ID: H-4 (0-0.5') Date Collected: 07/19/22 00:00 Date Received: 07/20/22 08:27

	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			30395	07/22/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30362	07/22/22 10:19	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30366	07/22/22 14:24	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	30130	07/20/22 12:00	SMC	XEN MID
Soluble	Analysis	300.0		1			30297	07/22/22 07:02	СН	XEN MID

Client Sample ID: T-1 (0-1') Date Collected: 07/19/22 00:00 Date Received: 07/20/22 08:27

	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	30237	07/21/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1			30480	07/24/22 17:25	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30345	07/22/22 09:52	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30395	07/22/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30362	07/22/22 10:19	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30366	07/22/22 14:45	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	30130	07/20/22 12:00	SMC	XEN MID
Soluble	Analysis	300.0		10			30297	07/22/22 07:10	СН	XEN MID

Client Sample ID: T-1 (2') Date Collected: 07/19/22 00:00 Date Received: 07/20/22 08:27

	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	30237	07/21/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1			30480	07/24/22 17:52	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30345	07/22/22 09:52	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30395	07/22/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30362	07/22/22 10:19	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30366	07/22/22 15:07	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	30130	07/20/22 12:00	SMC	XEN MID
Soluble	Analysis	300.0		1			30297	07/22/22 07:34	СН	XEN MID

Client Sample ID: T-1 (3') Date Collected: 07/19/22 00:00 Date Received: 07/20/22 08:27

_	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	30237	07/21/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1			30480	07/24/22 18:18	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30345	07/22/22 09:52	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30395	07/22/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30362	07/22/22 10:19	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30366	07/22/22 15:28	AJ	XEN MID

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Matrix: Solid

Job ID: 880-17140-1 SDG: Lea Co, NM

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Lab Sample ID: 880-17140-4

Lab Sample ID: 880-17140-5

Matrix: Solid

Matrix: Solid

Matrix: Solid

Lab Sample ID: 880-17140-6

Lab Sample ID: 880-17140-7

Released to Imaging: 11/4/2022 2:23:06 PM

Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1 SDG: Lea Co, NM

Matrix: Solid

Matrix: Solid

Matrix: Solid

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Lab Sample ID: 880-17140-7

Lab Sample ID: 880-17140-8

Client Sample ID: T-1 (3') Date Collected: 07/19/22 00:00 Date Received: 07/20/22 08:27

Client: Carmona Resources

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	30130	07/20/22 12:00	SMC	XEN MID
Soluble	Analysis	300.0		1			30297	07/22/22 07:41	СН	XEN MID

Client Sample ID: T-1 (4') Date Collected: 07/19/22 00:00 Date Received: 07/20/22 08:27

	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	30237	07/21/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1			30480	07/24/22 18:45	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30345	07/22/22 09:52	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30395	07/22/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30362	07/22/22 10:19	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30366	07/22/22 15:50	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	30130	07/20/22 12:00	SMC	XEN MID
Soluble	Analysis	300.0		5			30297	07/22/22 07:49	СН	XEN MID

Client Sample ID: T-1 (5') Date Collected: 07/19/22 00:00 Date Received: 07/20/22 08:27

	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	30237	07/21/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1			30480	07/24/22 19:11	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30345	07/22/22 09:52	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30395	07/22/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30362	07/22/22 10:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30366	07/22/22 16:11	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	30130	07/20/22 12:00	SMC	XEN MID
Soluble	Analysis	300.0		5			30297	07/22/22 07:57	СН	XEN MID

Client Sample ID: T-1 (6')R Date Collected: 07/19/22 00:00 Date Received: 07/20/22 08:27

Lab Sample ID: 880-17140-10 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			5.03 g	5 mL	30237	07/21/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1			30480	07/24/22 19:38	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30345	07/22/22 09:52	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30395	07/22/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	30362	07/22/22 10:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30366	07/22/22 16:33	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	30130	07/20/22 12:00	SMC	XEN MID
Soluble	Analysis	300.0		5			30297	07/22/22 08:05	CH	XEN MID

Eurofins Midland

Lab Chronicle

Initial

Amount

4.99 g

10.00 g

5 g

Dil

1

1

1

1

10

Factor

Run

Batch

5035

8021B

Total BTEX

8015NM Prep

8015 NM

8015B NM

DI Leach

300.0

Method

Client Sample ID: T-2 (0-1') Date Collected: 07/19/22 00:00 Date Received: 07/20/22 08:27

Prep Type

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Soluble

Soluble

Batch

Туре

Prep

Analysis

Analysis

Analysis

Analysis

Leach

Analysis

Prep

Job ID: 880-17140-1
SDG: Lea Co, NM

Prepared

or Analyzed

07/21/22 12:03

07/24/22 21:25 MR

07/22/22 09:52 SM

07/22/22 11:22 SM

07/22/22 10:20 DM

07/22/22 16:54 AJ

07/20/22 12:00 SMC

07/22/22 08:13 CH

Batch

30237

30480

30345

30395

30362

30366

30130

30297

Number

Final

Amount

5 mL

10 mL

50 mL

NM Lab Sample ID: 880-17140-11

Analyst

MR

Matrix: Solid

Lab

XEN MID

Lab Sample ID: 880-17140-12 Matrix: Solid

Client Sample ID: T-2 (2') Date Collected: 07/19/22 00:00 Date Received: 07/20/22 08:27

	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	30237	07/21/22 12:03	MR	XEN MID	
Total/NA	Analysis	8021B		1			30480	07/24/22 21:51	MR	XEN MID	
Total/NA	Analysis	Total BTEX		1			30345	07/22/22 09:52	SM	XEN MID	
Total/NA	Analysis	8015 NM		1			30395	07/22/22 11:22	SM	XEN MID	
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30362	07/22/22 10:20	DM	XEN MID	
Total/NA	Analysis	8015B NM		1			30366	07/22/22 17:37	AJ	XEN MID	
Soluble	Leach	DI Leach			5.02 g	50 mL	30130	07/20/22 12:00	SMC	XEN MID	
Soluble	Analysis	300.0		5			30297	07/22/22 08:37	СН	XEN MID	

Client Sample ID: T-2 (3') Date Collected: 07/19/22 00:00 Date Received: 07/20/22 08:27

Lab Sample ID: 880-17140-13 Matrix: Solid

Lab Sample ID: 880-17140-14

	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	30237	07/21/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1			30480	07/24/22 22:18	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30345	07/22/22 09:52	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30395	07/22/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30362	07/22/22 10:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30366	07/22/22 17:58	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	30130	07/20/22 12:00	SMC	XEN MID
Soluble	Analysis	300.0		5			30297	07/22/22 08:44	СН	XEN MID

Client Sample ID: T-2 (4') Date Collected: 07/19/22 00:00 Date Received: 07/20/22 08:27

	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	30237	07/21/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1			30480	07/24/22 22:44	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30345	07/22/22 09:52	SM	XEN MID

Eurofins Midland

Matrix: Solid

Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1 SDG: Lea Co, NM

Matrix: Solid

Matrix: Solid

Lab Sample ID: 880-17140-14

Lab Sample ID: 880-17140-15

Client Sample ID: T-2 (4') Date Collected: 07/19/22 00:00 Date Received: 07/20/22 08:27

Client: Carmona Resources

	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			30395	07/22/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30362	07/22/22 10:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30366	07/22/22 18:20	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	30130	07/20/22 12:00	SMC	XEN MID
Soluble	Analysis	300.0		5			30297	07/22/22 09:08	СН	XEN MID

Client Sample ID: T-2 (5') Date Collected: 07/19/22 00:00 Date Received: 07/20/22 08:27

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	30237	07/21/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1			30480	07/24/22 23:10	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30345	07/22/22 09:52	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30395	07/22/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30362	07/22/22 10:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30366	07/22/22 18:41	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	30130	07/20/22 12:00	SMC	XEN MID
Soluble	Analysis	300.0		1			30297	07/22/22 15:10	CH	XEN MID

Client Sample ID: T-3 (0-1') Date Collected: 07/19/22 00:00 Date Received: 07/20/22 08:27

Lab Sample ID: 880-17140-17

Lab Sample ID: 880-17140-18

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	30237	07/21/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1			30480	07/24/22 23:35	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30345	07/22/22 09:52	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30395	07/22/22 11:22	SM	XEN MID
Total/NA Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.00 g	10 mL	30362 30366	07/22/22 10:20 07/22/22 19:03		XEN MID XEN MID
Soluble Soluble	Leach Analysis	DI Leach 300.0		10	4.98 g	50 mL	30130 30297	07/20/22 12:00 07/22/22 09:24		XEN MID XEN MID

Client Sample ID: T-3 (2') Date Collected: 07/19/22 00:00 Date Received: 07/20/22 08:27

	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	30237	07/21/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1			30480	07/25/22 00:01	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30345	07/22/22 09:52	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30395	07/22/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30362	07/22/22 10:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1	-		30366	07/22/22 19:25	AJ	XEN MID

Eurofins Midland

Matrix: Solid

9

Project/Site: Mamba 30 State Com #744-745

Job ID: 880-17140-1 SDG: Lea Co, NM

Matrix: Solid

Matrix: Solid

Matrix: Solid

9

Lab Sample ID: 880-17140-18

Lab Sample ID: 880-17140-19

Lab Sample ID: 880-17140-20

Client Sample ID: T-3 (2') Date Collected: 07/19/22 00:00 Date Received: 07/20/22 08:27

Client: Carmona Resources

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analvzed	Analvst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	30130			XEN MID
Soluble	Analysis	300.0		5			30297	07/22/22 09:32	CH	XEN MID

Client Sample ID: T-3 (3') Date Collected: 07/19/22 00:00 Date Received: 07/20/22 08:27

	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	30237	07/21/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1			30480	07/25/22 00:27	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30345	07/22/22 09:52	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30395	07/22/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30362	07/22/22 10:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30366	07/22/22 19:47	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	30130	07/20/22 12:00	SMC	XEN MID
Soluble	Analysis	300.0		10			30297	07/22/22 09:39	СН	XEN MID

Client Sample ID: T-3 (4') Date Collected: 07/19/22 00:00 Date Received: 07/20/22 08:27

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 30237 07/21/22 12:03 MR XEN MID Total/NA 8021B 30480 07/25/22 00:53 MR Analysis XEN MID 1 Total/NA Analysis Total BTEX 1 30345 07/22/22 09:52 SM XEN MID Total/NA Analysis 8015 NM 1 30395 07/22/22 11:22 SM XEN MID Total/NA Prep 8015NM Prep 10.04 g 10 mL 30362 07/22/22 10:20 DM XEN MID Total/NA Analysis 8015B NM 30366 07/22/22 20:08 AJ XEN MID 1 Soluble 30130 XEN MID Leach **DI Leach** 5.03 g 50 mL 07/20/22 12:00 SMC Soluble Analysis 300.0 30297 07/22/22 09:47 CH 10 **XEN MID**

Client Sample ID: T-3 (5') Date Collected: 07/19/22 00:00 Date Received: 07/20/22 08:27

Lab Sample ID: 880-17140-21 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			4.97 g	5 mL	30237	07/21/22 12:03	MR	XEN MID
Total/NA	Analysis	8021B		1			30480	07/25/22 01:19	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30345	07/22/22 09:52	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30395	07/22/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30362	07/22/22 10:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30366	07/22/22 20:30	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	30130	07/20/22 12:00	SMC	XEN MID
Soluble	Analysis	300.0		10			30297	07/22/22 09:55	CH	XEN MID

Eurofins Midland

Lab Chronicle

Initial

Amount

4.98 g

5 mL

10.04 g

5.05 g

Dil

1

1

1

1

5

Factor

Run

Batch

Туре

Prep

Analysis

Analysis

Analysis

Analysis

Analysis

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

Leach

Prep

Batch

5035

8021B

Total BTEX

8015NM Prep

8015 NM

8015B NM

DI Leach

300.0

Method

Prep Type

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Soluble

Soluble

Job ID: 880-17140-1 SDG: Lea Co, NM

Lab Sample ID: 880-17140-22 Matrix: Solid

Analyst

MR

Prepared

or Analyzed

07/21/22 09:27

07/21/22 17:10 MR

07/22/22 09:52 SM

07/22/22 11:22 SM

07/22/22 10:20 DM

07/22/22 20:52 AJ

07/25/22 14:17 SMC

07/26/22 14:34 CH

Batch

30209

30192

30345

30395

30362

30366

30597

30701

Number

Final

Amount

5 mL

5 mL

10 mL

50 mL

Lab

XEN MID

Lab Sample ID: 880-17140-23 Matrix: Solid

Date Collected: 07/19/22 00:00 Date Received: 07/20/22 08:27

	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	30209	07/21/22 09:27	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30192	07/21/22 17:31	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30345	07/22/22 09:52	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30395	07/22/22 11:22	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30363	07/22/22 10:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30368	07/22/22 12:57	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	30025	07/20/22 12:00	KS	XEN MID
Soluble	Analysis	300.0		1			30182	07/21/22 05:27	СН	XEN MID

Laboratory References:

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

Eurofins Midland

Accreditation/Certification Summary

Client: Carmona Resources Project/Site: Mamba 30 State Com #744-745 Job ID: 880-17140-1 SDG: Lea Co, NM

Laboratory: Eurofins Midland

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

uthority		Program	Identification Number	Expiration Date						
xas		NELAP	T104704400-22-24	06-30-23						
The following analytes the agency does not o		eport, but the laboratory is r	not certified by the governing authority.	This list may include analytes for which						
Analysis Method	Prep Method	Matrix	Analyte							
300.0		Solid	Chloride							
8015 NM		Solid	Total TPH							
8015B NM	8015NM Prep	Solid	Diesel Range Organics (Ove	er C10-C28)						
8015B NM	8015NM Prep	Solid	Gasoline Range Organics (GRO)-C6-C10							
8015B NM	8015NM Prep	Solid	OII Range Organics (Over C	28-C36)						
8021B	5035	Solid	Benzene							
8021B	5035	Solid	Ethylbenzene							
8021B	5035	Solid	m-Xylene & p-Xylene							
8021B	5035	Solid	o-Xylene							
8021B	5035	Solid	Toluene							
8021B	5035	Solid	Xylenes, Total							
Total BTEX		Solid	Total BTEX							

Eurofins Midland

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Method Summary

Client: Carmona Resources Project/Site: Mamba 30 State Com #744-745 Job ID: 880-17140-1 SDG: Lea Co, NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions. 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:

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

Sample Summary

Job ID: 880-17140-1

SDG: Lea Co, NM

Client: Carmona Resources Project/Site: Mamba 30 State Com #744-745

ab Sample ID.	Client Sample ID	Matrix	Collected	Received
80-17140-1	H-1 (0-0.5')	Solid	07/19/22 00:00	07/20/22 08:27
80-17140-2	H-2 (0-0.5')	Solid	07/19/22 00:00	07/20/22 08:27
80-17140-3	H-3 (0-0.5')	Solid	07/19/22 00:00	07/20/22 08:27
80-17140-4	H-4 (0-0.5')	Solid	07/19/22 00:00	07/20/22 08:27
80-17140-5	T-1 (0-1')	Solid	07/19/22 00:00	07/20/22 08:27
80-17140-6	T-1 (2')	Solid	07/19/22 00:00	07/20/22 08:27
80-17140-7	T-1 (3')	Solid	07/19/22 00:00	07/20/22 08:27
80-17140-8	T-1 (4')	Solid	07/19/22 00:00	07/20/22 08:27
80-17140-9	T-1 (5')	Solid	07/19/22 00:00	07/20/22 08:27
80-17140-10	T-1 (6')R	Solid	07/19/22 00:00	07/20/22 08:27
80-17140-11	T-2 (0-1')	Solid	07/19/22 00:00	07/20/22 08:27
80-17140-12	T-2 (2')	Solid	07/19/22 00:00	07/20/22 08:27
80-17140-13	T-2 (3')	Solid	07/19/22 00:00	07/20/22 08:27
80-17140-14	T-2 (4')	Solid	07/19/22 00:00	07/20/22 08:27
80-17140-15	T-2 (5')	Solid	07/19/22 00:00	07/20/22 08:27
80-17140-17	T-3 (0-1')	Solid	07/19/22 00:00	07/20/22 08:27
80-17140-18	T-3 (2')	Solid	07/19/22 00:00	07/20/22 08:27
80-17140-19	T-3 (3')	Solid	07/19/22 00:00	07/20/22 08:27
80-17140-20	T-3 (4')	Solid	07/19/22 00:00	07/20/22 08:27
80-17140-21	T-3 (5')	Solid	07/19/22 00:00	07/20/22 08:27
80-17140-22	T-3 (6')R	Solid	07/19/22 00:00	07/20/22 08:27
80-17140-23	Background-1 (0-0.5')	Solid	07/19/22 00:00	07/20/22 08:27

lani			Email to Mike Ca	T-1 (6') R	T-1 (5')	T-1 (4')	T-1 (3')	T-1 (2')	T-1 (0-1')	H-4 (0-0 5')	H-3 (0-0 5')	H-2 (0-0 5')	H-1 (0-0 5')	Sample Identification	Total Containers.	Sample Custody Seals	Cooler Custody Seals	Received Intact:	SAMPLE RECEIPT	PO#	Sampler's Name:	Project Location	Project Number	Project Name	Phone 4	City, State ZIP		Company Name	Project Manager
anielsparks	70		Mike Carmona Mcarmona@carmonaresources com and Conner Moehring@carmonaresources	R	5)	<u>ر</u> ،	5)	.9	1')) 5')) 5')) 5')) 5')	ification	ii	Yes	Yes	(Yes						Mamba 3	432-813-6823	Midland, TX 79701	310 W Wall St Ste 415	Carmona Resources	Ashton Thielke
	Relinquished by)na@carmor	7/19/2022	7/19/2022	7/19/2022	7/19/2022	7/19/2022	7/19/2022	7/19/2022	7/19/2022	7/19/2022	7/19/2022	Date		NO NIA	NO NA	- Na	and Blank		AT	Lea Co, NM	1085	Mamba 30 State Com #744-745		01	ite 415	Irces	
	y (Signature)		laresources (Time	Corrected Temperature	Temperature Reading	Correction Factor	Thermometer ID	Yes No					#744-745					
			com and Coni	×	×	×	×	×	×	×	×	×	×	Soli	perature	leading	tor	Ø	Wet Ice			Due Date	✓ Routine	Tu	Email				
			ter Moehring(Water G	0-1	S	1		(Ye) No				Rush	Turn Around	ill Todd_Wells@eogresources.com	City, State ZIP	Address	Company Name	Bill to. (if different)
7-			@carmona	G 1	G 1	G 1	G 1	G 1	G 1	G 1	G 1	G 1	G 1	Grab/ # of Comp Cont			Pi	aran	nete	rs]		Pres. Code	t.	@eogreso	TT I		me	ant)
-06	Date		resour	×	×	×	×	×	×	×	×	×	×			в	тех	802	1B					 	urces c	Midla	5509	EOG	Todd
	Date/Time		ces com	×	×	×	×	×	×	×	×	×	×	TPł	1 801	15M	(GF	1 0+	DRC) + N	IRO))			om	Midland, Texas 79706	5509 Champions Dr	EOG Resources	Todd Wells
1	<i>"</i> –		m	×	×	×	×	×	×	×	×	×	×			Ch	lorie	de 30	0.00							as 7970	ions Dr	Ces	
A																						<u></u>							
B	;	$\sum_{i=1}^{n}$																						ANA					
																						 - -		ANALYSIS REQUEST					
$\left \right\rangle$	Recei																							REQUI					
Ż	Received by:																							EST	Deliverables EDD	Reporting	State of Project:	Program: UST/PST PRP	
	(Signature)												1			<u></u>									oles ED	g Level I	Project:	I: UST/P	
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				L				Court / 140 Chain of Custory							Na	Zn	Na	Nat	H ^{3E}	H ₂ S	HC	Co	Nor		ADaPT	Reporting Level II Level III ST/UST		☐ Irownfields	Work Order Comments
						,		WINNIN						Sam	NaOH+Ascorbic Acid SAPC	Zn Acetate+NaOH Zn	Na ₂ S ₂ O ₃ NaSO ₃	NaHSO4 NABIS	H₃PO₄ HP	H_2SO_4 H_2	HCL HC	Cool Cool	None NO	Prese				ds RC	nments
	<u>ا</u>													Sample Comments	orbic Ac	+NaOH	laSO ₃	ABIS		z	т	2	D	Preservative Codes	Other [.]			õ	
	Date/Time					1								nmen	id SA	Zn				NaOH Na	HNO3 HN	MeOH Me	DI Water H ₂ O	9 Cod				perfund	

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Work Order No: 17140

Project Manager A	Ashton Thielke			Bill to (If different)		Todd Wells	Sile				Work Or	Work Order Comments	nments	
Company Name	Carmona Resources			Company Name		EOG Resources	sources		Pr	Program: UST/PST PRP		Irownfields	5	Inortima
	310 W Wall St Ste 415			Address.		5509 Ch	5509 Champions Dr	Ŷ	Sta	State of Project:			ļ	[
City, State ZIP N	Midland, TX 79701			City, State ZIP		Midland.	Midland, Texas 79706	706	Re	Reporting Level II Level III		□st/ust		
Phone 4	432-813-6823		Email		eogresour	ces com			De	Deliverables, EDD		ADaPT	•	
Project Name	Mamba 30 State Com #744-745	Com #744-745	Tum	Turn Around				ANA	ANALYSIS REOUEST				Droconstin	
Project Number	1085	01	く Routine	Rush	Pres.							None	None NO DI Water I	
Project Location	Lea Co, NM	MN	Due Date				-+					3		Manu Ma
Sampier's Name	AT										<u> </u>	HCL HC	2	HNO ² HN
PO#					5		+ M					H-So	J	NaOH Na
SAMPLE RECEIPT	T Temp Blank.	Yes No	Wet Ice	Yes No	ete							H,PC	U	
Received Intact:	Yes No	Thermometer ID		- 1	iram	8021	e 30						NaHSO, NABIS	
Cooler Custody Seals	Yes No N/A		tor.		Pa							Ho	Na-S-O- NaSO-	
Sample Custody Seals	Yes No N/A		eading		L							Zn A	Zn Acetate+NaOH Zn	łZn
Total Containers.		Corrected Temperature	perature				801					NaO	NaOH+Ascorbic Acid SAPC	loid s
Sample Identification	fication Date	Time	Soil	Water Grab/ Comp	# of								Sample Comments	Jume
T-2 (0-1')	") 7/19/2022	022	×	G	-+	×	× ×			-+	_	_		
T-2 (2')	7/19/2022	022	×	G	_	×	× ×							
T-2 (3')) 7/19/2022	022	×	G		×	× ×							
T-2 (4')		022	×	ى ا		×	× ×							
T-2 (5')	7/19/2022	022	×	G		×	×		+	+		-		
T-2 (6') R	R 7/19/2022	022	×	G	1							×		
T-3 (0-1)	") 7/19/2022	022	×	9	1	×	××							
T-3 (2')	7/19/2022	022	×	6		×	× ×							
T-3 (3')	7/19/2022	022	×	G		×	× ×							
T-3 (4')	7/19/2022	022	×	6		×	××							
Email to Mike Carr	Mike Carmona Mcarmona@carmonaresources com and Conner Moehring@carmonaresources com	monaresources c	om and Conne	r Moehring@ca	irmonare	sources	com							
Ţ	told T-2(6)	(r.)												
	Relinquished by	ed by (Signature)				Date/Time	ĕ	۰ ۲	Receive	Reastred by: (Signature)			D	Date/Time
DanielSpr	Splarks				7-2	2-12								
						S S	1							

Work Order No: 17140

Danial:	Email to' Mike Carmona Mcarmona@carmonaresources.com and Conner Moehring@carmonaresources.com						Background-1 (0-0 5')	T-3 (6') R	T-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. 4	City, State ZIP N	Address 3	Company Name C	Project Manager /	
Reli VUNialSpurks	mona Mcarmona					-							. Yes No	Yes No	Yes	T Temp Blank.	-		Le		Mamba 30 State Com #744-745	432-813-6823	Midland, TX 79701	310 W Wall St Ste 415	Carmona Resources	Ashton Thielke	
nquished by	@carmona						7/19/2022	7/19/2022	7/19/2022	Date			N/A	N/A		lank.		ΑŢ	Lea Co, NM	1085	itate Com #			415	es		
Relinquished by (Signature)	aresources.cc									Time		Corrected Temperature	Temperature Reading	Correction Factor	Thermometer ID	Yes No					1744-745						
	om and Conne						×	×	×	Soll		erature	ading	Y,		Wet Ice			Due Date	マ Routine	Tun	Email					
	er Moehring									Water c				-		Yes No				Rush	Turn Around	Todd Wells@eogresources.com	City, State ZIP	Address	Company Name	Bill to' (if different)	
$1 - \lambda O^{-}$	@carmon						G 1	G 1	G	Comp Cont	Grab/ #				Iram					Pres, Code		s@eogres	P		ame	rent)	
Date/Time ー ん () ~ く え みこ みこ	aresourc		_	-			×	×	×	nt ⊲	<u>}</u>		вт		8021					g 8,		ources c	Midla	5509	EOG	Todd	
Time	bes.com						×	×	×	Т	PH 8	301	5M (GR	0+1	DRO	+ M	RO)				om	Midland Texas 79706	5509 Champions Dr	EOG Resources	Todd Wells	
	5m						×	×	×				Chi	orid	le 30	0.0							IS 79706	ons Dr	ès.		
											<u></u>			<u></u>													
J.																					ANALYSIS REQUEST						
T Rec			 											-							SIS REC						
Received by																					UEST	Deliver	Reporti	State o	Progra		
																						Deliverables EDD	ng Level	State of Project:	m: UST/		
Signature)			 							<u></u>				· · · · · · · · ·										п	PST 🖵	¥	
																						Þ	Ē		₹₽ □	ork Ore	
		$\left - \right $				<u> </u>	۔ ۲	4	_			Z I	Zn	Ho		ŗ,	H,	H G	<u></u>	No		ADaPT	Reporting Level II Level III DST/UST		Program: UST/PST PRP rownfields	ler Con	
						1714n	Loc. 880			Sampl		OH+Assor	Zn Acetate+NaOH Zn	Na,S,O, NaSO,	NaHSO, NABIS	H'DO' HD	H,S04 H,		Conl Conl	None, NO	Preser] Other			ds RC	Work Order Comments	Page
Date/Time							[Sample Comments		tio Ania CA	daOH Zh	SO'	BIS		NaOH Na	HND- HN	MaDH	DI Water: H ₂ O	Preservative Codes	Ē			C]perfund		-3 of
1e										Its		5					Na	TN NG	Mo	т <u>н</u> о	es		₹ □		bur		ω

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4 5 6

11 12 13

Work Order No: 17140

Job Number: 880-17140-1 SDG Number: Lea Co, NM

List Source: Eurofins Midland

Login Sample Receipt Checklist

Client: Carmona Resources

Login Number: 17140 List Number: 1 Creator: Rodriguez, Leticia

<6mm (1/4").

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is	N/A	

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August 11, 2022

CONNER MOEHRING CARMONA RESOURCES 310 W WALL ST SUITE 415 MIDLAND, TX 79701

RE: MAMBA 30 STATE COM #744 - 745

Enclosed are the results of analyses for samples received by the laboratory on 08/10/22 8:00.

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/qa/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 CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	08/10/2022	Sampling Date:	08/09/2022
Reported:	08/11/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: BH - 1 (0-1') (H223572-01)

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	08/10/2022	ND	1.87	93.3	2.00	7.61	
Toluene*	<0.050	0.050	08/10/2022	ND	1.86	93.0	2.00	3.59	
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	1.81	90.6	2.00	6.58	
Total Xylenes*	<0.150	0.150	08/10/2022	ND	5.63	93.8	6.00	8.19	
Total BTEX	<0.300	0.300	08/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5280	16.0	08/10/2022	ND	400	100	400	3.92	QM-07
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/10/2022	ND	223	112	200	9.96	
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	214	107	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND					
Surrogate: 1-Chlorooctane	87.6	% 43-149)						
Surrogate: 1-Chlorooctadecane	85.2	% 42.5-16	1						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	08/10/2022	Sampling Date:	08/09/2022
Reported:	08/11/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: BH - 1 (2') (H223572-02)

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	08/10/2022	ND	1.87	93.3	2.00	7.61	
Toluene*	<0.050	0.050	08/10/2022	ND	1.86	93.0	2.00	3.59	
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	1.81	90.6	2.00	6.58	
Total Xylenes*	<0.150	0.150	08/10/2022	ND	5.63	93.8	6.00	8.19	
Total BTEX	<0.300	0.300	08/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1170	16.0	08/10/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/10/2022	ND	223	112	200	9.96	
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	214	107	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND					
Surrogate: 1-Chlorooctane	94.2	% 43-149)						
Surrogate: 1-Chlorooctadecane	90.8	% 42.5-16	1						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	08/10/2022	Sampling Date:	08/09/2022
Reported:	08/11/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: BH - 1 (3') (H223572-03)

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	08/10/2022	ND	1.98	99.2	2.00	9.70	
Toluene*	<0.050	0.050	08/10/2022	ND	2.08	104	2.00	9.65	
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	2.14	107	2.00	11.0	
Total Xylenes*	<0.150	0.150	08/10/2022	ND	6.51	109	6.00	10.7	
Total BTEX	<0.300	0.300	08/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3320	16.0	08/10/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/10/2022	ND	219	110	200	3.25	
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	218	109	200	7.18	
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND					
Surrogate: 1-Chlorooctane	86.4	% 43-149)						
Surrogate: 1-Chlorooctadecane	85.0	% 42.5-16	1						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	08/10/2022	Sampling Date:	08/09/2022
Reported:	08/11/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: BH - 1 (4') (H223572-04)

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	08/10/2022	ND	1.98	99.2	2.00	9.70	
Toluene*	<0.050	0.050	08/10/2022	ND	2.08	104	2.00	9.65	
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	2.14	107	2.00	11.0	
Total Xylenes*	<0.150	0.150	08/10/2022	ND	6.51	109	6.00	10.7	
Total BTEX	<0.300	0.300	08/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3200	16.0	08/10/2022	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/10/2022	ND	219	110	200	3.25	
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	218	109	200	7.18	
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND					
Surrogate: 1-Chlorooctane	85.0	% 43-149	1						
Surrogate: 1-Chlorooctadecane	83.2	% 42.5-16	1						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	08/10/2022	Sampling Date:	08/09/2022
Reported:	08/11/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: BH - 1 (5') (H223572-05)

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	08/10/2022	ND	1.98	99.2	2.00	9.70	
Toluene*	<0.050	0.050	08/10/2022	ND	2.08	104	2.00	9.65	
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	2.14	107	2.00	11.0	
Total Xylenes*	<0.150	0.150	08/10/2022	ND	6.51	109	6.00	10.7	
Total BTEX	<0.300	0.300	08/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3760	16.0	08/10/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/10/2022	ND	219	110	200	3.25	
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	218	109	200	7.18	
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND					
Surrogate: 1-Chlorooctane	84.4	% 43-149)						
Surrogate: 1-Chlorooctadecane	85.0	% 42.5-16	1						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	08/10/2022	Sampling Date:	08/09/2022
Reported:	08/11/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: BH - 1 (6') (H223572-06)

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	08/10/2022	ND	1.98	99.2	2.00	9.70	
Toluene*	<0.050	0.050	08/10/2022	ND	2.08	104	2.00	9.65	
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	2.14	107	2.00	11.0	
Total Xylenes*	<0.150	0.150	08/10/2022	ND	6.51	109	6.00	10.7	
Total BTEX	<0.300	0.300	08/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3640	16.0	08/10/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/10/2022	ND	219	110	200	3.25	
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	218	109	200	7.18	
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND					
Surrogate: 1-Chlorooctane	86.3	% 43-149	1						
Surrogate: 1-Chlorooctadecane	85.3	% 42.5-16	1						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	08/10/2022	Sampling Date:	08/09/2022
Reported:	08/11/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: BH - 1 (7') (H223572-07)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/10/2022	ND	1.98	99.2	2.00	9.70	
Toluene*	<0.050	0.050	08/10/2022	ND	2.08	104	2.00	9.65	
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	2.14	107	2.00	11.0	
Total Xylenes*	<0.150	0.150	08/10/2022	ND	6.51	109	6.00	10.7	
Total BTEX	<0.300	0.300	08/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2880	16.0	08/10/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/10/2022	ND	219	110	200	3.25	
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	218	109	200	7.18	
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND					
Surrogate: 1-Chlorooctane	88.4	% 43-149							
Surrogate: 1-Chlorooctadecane	87.0	% 42.5-16	1						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	08/10/2022	Sampling Date:	08/09/2022
Reported:	08/11/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: BH - 1 (8') (H223572-08)

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	08/10/2022	ND	1.98	99.2	2.00	9.70	
Toluene*	<0.050	0.050	08/10/2022	ND	2.08	104	2.00	9.65	
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	2.14	107	2.00	11.0	
Total Xylenes*	<0.150	0.150	08/10/2022	ND	6.51	109	6.00	10.7	
Total BTEX	<0.300	0.300	08/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1390	16.0	08/10/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/10/2022	ND	219	110	200	3.25	
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	218	109	200	7.18	
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND					
Surrogate: 1-Chlorooctane	84.3	% 43-149)						
Surrogate: 1-Chlorooctadecane	82.7	% 42.5-16	1						

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*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	08/10/2022	Sampling Date:	08/09/2022
Reported:	08/11/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: BH - 1 (9') (H223572-09)

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	08/10/2022	ND	1.98	99.2	2.00	9.70	
Toluene*	<0.050	0.050	08/10/2022	ND	2.08	104	2.00	9.65	
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	2.14	107	2.00	11.0	
Total Xylenes*	<0.150	0.150	08/10/2022	ND	6.51	109	6.00	10.7	
Total BTEX	<0.300	0.300	08/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	912	16.0	08/10/2022	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/10/2022	ND	219	110	200	3.25	
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	218	109	200	7.18	
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND					
Surrogate: 1-Chlorooctane	88.6	% 43-149	1						
Surrogate: 1-Chlorooctadecane	86.8	% 42.5-16	1						

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*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	08/10/2022	Sampling Date:	08/09/2022
Reported:	08/11/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: BH - 1 (10') (H223572-10)

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	08/10/2022	ND	1.98	99.2	2.00	9.70	
Toluene*	<0.050	0.050	08/10/2022	ND	2.08	104	2.00	9.65	
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	2.14	107	2.00	11.0	
Total Xylenes*	<0.150	0.150	08/10/2022	ND	6.51	109	6.00	10.7	
Total BTEX	<0.300	0.300	08/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	08/10/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/10/2022	ND	219	110	200	3.25	
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	218	109	200	7.18	
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND					
Surrogate: 1-Chlorooctane	89.8	% 43-149	1						
Surrogate: 1-Chlorooctadecane	87.7	% 42.5-16	1						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	08/10/2022	Sampling Date:	08/09/2022
Reported:	08/11/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: H - 1 (0-1') (H223572-11)

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	08/10/2022	ND	1.98	99.2	2.00	9.70	
Toluene*	<0.050	0.050	08/10/2022	ND	2.08	104	2.00	9.65	
Ethylbenzene*	<0.050	0.050	08/10/2022	ND	2.14	107	2.00	11.0	
Total Xylenes*	<0.150	0.150	08/10/2022	ND	6.51	109	6.00	10.7	
Total BTEX	<0.300	0.300	08/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/10/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/10/2022	ND	219	110	200	3.25	
DRO >C10-C28*	<10.0	10.0	08/10/2022	ND	218	109	200	7.18	
EXT DRO >C28-C36	<10.0	10.0	08/10/2022	ND					
Surrogate: 1-Chlorooctane	74.6	% 43-149	1						
Surrogate: 1-Chlorooctadecane	72.2	% 42.5-16	1						

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Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
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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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 whatscever 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 whose 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 whose share there applied by the services arise of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

Bill to: (if different) Todd Wells Company Name: EOG Resources Address: 5509 Champions I Address: 5509 Champions I City, State ZIP: Midland, Texas 79 Email: Todd Wells@eogresources.com Imature: 24 Hours 24 Hours Gasbi Soil Water Ging: 1 X G X G X G A G X G A G X G G 1 X G G 1 X G G 1 X G G 1 X G G 1 X G G 1 X G G 1 X X G 1 X X G 1 X X G 1 X X G 1 X X G 1 X X G
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Received by OCD: 10/17/2022 4:22:18 PM 6 6 200

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Relinqu			Email to: Mike Carmona Mcarmona@carmonaresources.com and Conner Moenring@carmonaresources.com	-	+	+				8/9/2022	8/9/2022	8/9/2022		Date		No	Yes No NIA	Yes No	Temp Blank:		MC	Lea Co, NM	1085	Mamba 30 State Com #744-745	ZAGL-	1000	Midland, TX 79701	310 W Wall St Ste 415	Carmona Resources	mona		
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570-22	Date	Date													Sample Comments	NaOH+Ascorbic Acid: SAPC	VaOH: Zh	SU3	BIS	5	NOUT. NO	HNO3: HN	MeOH: Me	DI Wa	Preservative Codes		3C	Level N		Iperuna		of
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Received by OCD: 10/17/2022 4:22:18 PM

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August 29, 2022

CONNER MOEHRING CARMONA RESOURCES 310 W WALL ST SUITE 415 MIDLAND, TX 79701

RE: MAMBA 30 STATE COM #744 - 745

Enclosed are the results of analyses for samples received by the laboratory on 08/26/22 13:54.

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 CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	08/26/2022	Sampling Date:	08/26/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 1 (4') (H223940-01)

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	08/26/2022	ND	1.87	93.6	2.00	1.15	
Toluene*	<0.050	0.050	08/26/2022	ND	1.83	91.5	2.00	2.22	
Ethylbenzene*	<0.050	0.050	08/26/2022	ND	1.77	88.5	2.00	1.63	
Total Xylenes*	<0.150	0.150	08/26/2022	ND	5.52	92.0	6.00	1.62	
Total BTEX	<0.300	0.300	08/26/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 69.9-14	0						
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	08/29/2022	ND	448	112	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	08/27/2022	ND	197	98.4	200	2.39	
DRO >C10-C28*	<10.0	10.0	08/27/2022	ND	193	96.3	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	08/27/2022	ND					
Surrogate: 1-Chlorooctane	83.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	83.6	% 46.3-17	0						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	08/26/2022	Sampling Date:	08/26/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 2 (4') (H223940-02)

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	08/26/2022	ND	1.87	93.6	2.00	1.15	
Toluene*	<0.050	0.050	08/26/2022	ND	1.83	91.5	2.00	2.22	
Ethylbenzene*	<0.050	0.050	08/26/2022	ND	1.77	88.5	2.00	1.63	
Total Xylenes*	<0.150	0.150	08/26/2022	ND	5.52	92.0	6.00	1.62	
Total BTEX	<0.300	0.300	08/26/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 69.9-14	0						
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	08/29/2022	ND	448	112	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	08/27/2022	ND	197	98.4	200	2.39	
DRO >C10-C28*	<10.0	10.0	08/27/2022	ND	193	96.3	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	08/27/2022	ND					
Surrogate: 1-Chlorooctane	76.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	77.8	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	08/26/2022	Sampling Date:	08/26/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 3 (4') (H223940-03)

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	08/27/2022	ND	1.87	93.6	2.00	1.15	
Toluene*	<0.050	0.050	08/27/2022	ND	1.83	91.5	2.00	2.22	
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.77	88.5	2.00	1.63	
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.52	92.0	6.00	1.62	
Total BTEX	<0.300	0.300	08/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 69.9-14	0						
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	08/29/2022	ND	448	112	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	08/27/2022	ND	197	98.4	200	2.39	
DRO >C10-C28*	<10.0	10.0	08/27/2022	ND	193	96.3	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	08/27/2022	ND					
Surrogate: 1-Chlorooctane	79.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	81.6	% 46.3-17	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	08/26/2022	Sampling Date:	08/26/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 4 (4') (H223940-04)

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	08/27/2022	ND	1.87	93.6	2.00	1.15	
Toluene*	<0.050	0.050	08/27/2022	ND	1.83	91.5	2.00	2.22	
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.77	88.5	2.00	1.63	
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.52	92.0	6.00	1.62	
Total BTEX	<0.300	0.300	08/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 69.9-14	0						
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	08/29/2022	ND	448	112	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	08/27/2022	ND	197	98.4	200	2.39	
DRO >C10-C28*	<10.0	10.0	08/27/2022	ND	193	96.3	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	08/27/2022	ND					
Surrogate: 1-Chlorooctane	74.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	75.9	% 46.3-17	8						

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CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	08/26/2022	Sampling Date:	08/26/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 5 (4') (H223940-05)

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	08/27/2022	ND	1.87	93.6	2.00	1.15	
Toluene*	<0.050	0.050	08/27/2022	ND	1.83	91.5	2.00	2.22	
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.77	88.5	2.00	1.63	
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.52	92.0	6.00	1.62	
Total BTEX	<0.300	0.300	08/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 69.9-14	0						
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	08/29/2022	ND	448	112	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	08/27/2022	ND	197	98.4	200	2.39	
DRO >C10-C28*	<10.0	10.0	08/27/2022	ND	193	96.3	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	08/27/2022	ND					
Surrogate: 1-Chlorooctane	62.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	63.0	% 46.3-17	8						

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CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	08/26/2022	Sampling Date:	08/26/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 6 (4') (H223940-06)

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	08/27/2022	ND	1.87	93.6	2.00	1.15	
Toluene*	<0.050	0.050	08/27/2022	ND	1.83	91.5	2.00	2.22	
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.77	88.5	2.00	1.63	
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.52	92.0	6.00	1.62	
Total BTEX	<0.300	0.300	08/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	69.9-14	0						
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	08/29/2022	ND	448	112	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	08/27/2022	ND	197	98.4	200	2.39	
DRO >C10-C28*	<10.0	10.0	08/27/2022	ND	193	96.3	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	08/27/2022	ND					
Surrogate: 1-Chlorooctane	74.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	79.0	% 46.3-17	8						

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CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	08/26/2022	Sampling Date:	08/26/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 7 (4') (H223940-07)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2022	ND	1.87	93.6	2.00	1.15	
Toluene*	<0.050	0.050	08/27/2022	ND	1.83	91.5	2.00	2.22	
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.77	88.5	2.00	1.63	
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.52	92.0	6.00	1.62	
Total BTEX	<0.300	0.300	08/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 69.9-14	0						
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	08/29/2022	ND	448	112	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	08/27/2022	ND	197	98.4	200	2.39	
DRO >C10-C28*	<10.0	10.0	08/27/2022	ND	193	96.3	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	08/27/2022	ND					
Surrogate: 1-Chlorooctane	76.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	78.1	% 46.3-17	8						

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Received:	08/26/2022	Sampling Date:	08/26/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 8 (4') (H223940-08)

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	08/27/2022	ND	1.87	93.6	2.00	1.15	
Toluene*	<0.050	0.050	08/27/2022	ND	1.83	91.5	2.00	2.22	
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.77	88.5	2.00	1.63	
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.52	92.0	6.00	1.62	
Total BTEX	<0.300	0.300	08/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 %	69.9-14	0						
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	08/29/2022	ND	448	112	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	08/27/2022	ND	197	98.4	200	2.39	
DRO >C10-C28*	11.3	10.0	08/27/2022	ND	193	96.3	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	08/27/2022	ND					
Surrogate: 1-Chlorooctane	68.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	71.1	% 46.3-17	8						

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Received:	08/26/2022	Sampling Date:	08/26/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 9 (4') (H223940-09)

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	08/27/2022	ND	1.87	93.6	2.00	1.15	
Toluene*	<0.050	0.050	08/27/2022	ND	1.83	91.5	2.00	2.22	
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.77	88.5	2.00	1.63	
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.52	92.0	6.00	1.62	
Total BTEX	<0.300	0.300	08/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/29/2022	ND	448	112	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	08/27/2022	ND	197	98.4	200	2.39	
DRO >C10-C28*	<10.0	10.0	08/27/2022	ND	193	96.3	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	08/27/2022	ND					
Surrogate: 1-Chlorooctane	70.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	69.1	% 46.3-17	8						

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Received:	08/26/2022	Sampling Date:	08/26/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 10 (4') (H223940-10)

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	08/27/2022	ND	1.87	93.6	2.00	1.15	
Toluene*	<0.050	0.050	08/27/2022	ND	1.83	91.5	2.00	2.22	
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.77	88.5	2.00	1.63	
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.52	92.0	6.00	1.62	
Total BTEX	<0.300	0.300	08/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	08/29/2022	ND	448	112	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	08/27/2022	ND	197	98.4	200	2.39	
DRO >C10-C28*	<10.0	10.0	08/27/2022	ND	193	96.3	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	08/27/2022	ND					
Surrogate: 1-Chlorooctane	67.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	68.3	% 46.3-17	8						

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Received:	08/26/2022	Sampling Date:	08/26/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 11 (4') (H223940-11)

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	08/27/2022	ND	1.87	93.6	2.00	1.15	
Toluene*	<0.050	0.050	08/27/2022	ND	1.83	91.5	2.00	2.22	
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.77	88.5	2.00	1.63	
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.52	92.0	6.00	1.62	
Total BTEX	<0.300	0.300	08/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1410	16.0	08/29/2022	ND	448	112	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	08/27/2022	ND	197	98.4	200	2.39	
DRO >C10-C28*	<10.0	10.0	08/27/2022	ND	193	96.3	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	08/27/2022	ND					
Surrogate: 1-Chlorooctane	71.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	74.5	% 46.3-17	8						

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Received:	08/26/2022	Sampling Date:	08/26/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 12 (4') (H223940-12)

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	08/27/2022	ND	1.87	93.6	2.00	1.15	
Toluene*	<0.050	0.050	08/27/2022	ND	1.83	91.5	2.00	2.22	
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.77	88.5	2.00	1.63	
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.52	92.0	6.00	1.62	
Total BTEX	<0.300	0.300	08/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	08/29/2022	ND	432	108	400	0.00	QM-07
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2022	ND	197	98.4	200	2.39	
DRO >C10-C28*	<10.0	10.0	08/27/2022	ND	193	96.3	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	08/27/2022	ND					
Surrogate: 1-Chlorooctane	61.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	61.4	% 46.3-17	8						

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Received:	08/26/2022	Sampling Date:	08/26/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 13 (4') (H223940-13)

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	08/27/2022	ND	1.87	93.6	2.00	1.15	
Toluene*	<0.050	0.050	08/27/2022	ND	1.83	91.5	2.00	2.22	
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.77	88.5	2.00	1.63	
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.52	92.0	6.00	1.62	
Total BTEX	<0.300	0.300	08/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	08/29/2022	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	08/27/2022	ND	197	98.4	200	2.39	
DRO >C10-C28*	<10.0	10.0	08/27/2022	ND	193	96.3	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	08/27/2022	ND					
Surrogate: 1-Chlorooctane	71.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	71.9	% 46.3-17	8						

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CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	08/26/2022	Sampling Date:	08/26/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 14 (4') (H223940-14)

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	08/27/2022	ND	1.87	93.6	2.00	1.15	
Toluene*	<0.050	0.050	08/27/2022	ND	1.83	91.5	2.00	2.22	
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.77	88.5	2.00	1.63	
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.52	92.0	6.00	1.62	
Total BTEX	<0.300	0.300	08/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 69.9-14	0						
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	08/29/2022	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	08/27/2022	ND	197	98.4	200	2.39	
DRO >C10-C28*	<10.0	10.0	08/27/2022	ND	193	96.3	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	08/27/2022	ND					
Surrogate: 1-Chlorooctane	54.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	53.7	% 46.3-17	8						

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*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	08/26/2022	Sampling Date:	08/26/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 15 (4') (H223940-15)

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	08/27/2022	ND	1.87	93.6	2.00	1.15	
Toluene*	<0.050	0.050	08/27/2022	ND	1.83	91.5	2.00	2.22	
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.77	88.5	2.00	1.63	
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.52	92.0	6.00	1.62	
Total BTEX	<0.300	0.300	08/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	08/29/2022	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	08/27/2022	ND	197	98.4	200	2.39	
DRO >C10-C28*	<10.0	10.0	08/27/2022	ND	193	96.3	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	08/27/2022	ND					
Surrogate: 1-Chlorooctane	74.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	76.0	% 46.3-17	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	08/26/2022	Sampling Date:	08/26/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 16 (4') (H223940-16)

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	08/27/2022	ND	1.87	93.6	2.00	1.15	
Toluene*	<0.050	0.050	08/27/2022	ND	1.83	91.5	2.00	2.22	
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.77	88.5	2.00	1.63	
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.52	92.0	6.00	1.62	
Total BTEX	<0.300	0.300	08/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/29/2022	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	08/27/2022	ND	197	98.4	200	2.39	
DRO >C10-C28*	<10.0	10.0	08/27/2022	ND	193	96.3	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	08/27/2022	ND					
Surrogate: 1-Chlorooctane	76.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	77.1	% 46.3-17	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	08/26/2022	Sampling Date:	08/26/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: SW - 1 (4') (H223940-17)

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	08/27/2022	ND	1.87	93.6	2.00	1.15	
Toluene*	<0.050	0.050	08/27/2022	ND	1.83	91.5	2.00	2.22	
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.77	88.5	2.00	1.63	
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.52	92.0	6.00	1.62	
Total BTEX	<0.300	0.300	08/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 69.9-14	0						
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	08/29/2022	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	08/27/2022	ND	197	98.4	200	2.39	
DRO >C10-C28*	<10.0	10.0	08/27/2022	ND	193	96.3	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	08/27/2022	ND					
Surrogate: 1-Chlorooctane	76.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	78.0	% 46.3-17	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	08/26/2022	Sampling Date:	08/26/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: SW - 2 (4') (H223940-18)

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	08/27/2022	ND	1.87	93.6	2.00	1.15	
Toluene*	<0.050	0.050	08/27/2022	ND	1.83	91.5	2.00	2.22	
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.77	88.5	2.00	1.63	
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.52	92.0	6.00	1.62	
Total BTEX	<0.300	0.300	08/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	08/29/2022	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	08/27/2022	ND	197	98.4	200	2.39	
DRO >C10-C28*	<10.0	10.0	08/27/2022	ND	193	96.3	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	08/27/2022	ND					
Surrogate: 1-Chlorooctane	76.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	76.9	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	08/26/2022	Sampling Date:	08/26/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: SW - 3 (4') (H223940-19)

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	08/27/2022	ND	1.87	93.6	2.00	1.15	
Toluene*	<0.050	0.050	08/27/2022	ND	1.83	91.5	2.00	2.22	
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.77	88.5	2.00	1.63	
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.52	92.0	6.00	1.62	
Total BTEX	<0.300	0.300	08/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 69.9-14	0						
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	08/29/2022	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	08/27/2022	ND	197	98.4	200	2.39	
DRO >C10-C28*	<10.0	10.0	08/27/2022	ND	193	96.3	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	08/27/2022	ND					
Surrogate: 1-Chlorooctane	74.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	76.0	% 46.3-17	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	08/26/2022	Sampling Date:	08/26/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: SW - 4 (4') (H223940-20)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2022	ND	1.87	93.6	2.00	1.15	
Toluene*	<0.050	0.050	08/27/2022	ND	1.83	91.5	2.00	2.22	
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.77	88.5	2.00	1.63	
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.52	92.0	6.00	1.62	
Total BTEX	<0.300	0.300	08/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 69.9-14	0						
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	08/29/2022	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	08/27/2022	ND	197	98.4	200	2.39	
DRO >C10-C28*	<10.0	10.0	08/27/2022	ND	193	96.3	200	6.71	
EXT DRO >C28-C36	<10.0	10.0	08/27/2022	ND					
Surrogate: 1-Chlorooctane	76.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	76.8	% 46.3-17	8						

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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 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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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 whatscever 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 whose 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 whose share there applied by the services arise of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

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. Ou	Email to: Mike	CS-1	CS-	CS-	CS-	CS-	CS-	CS-4	CS-3 (4')	CS-2 (4')	CS-1 (4')	Sample Identification	Total Containers:	Sample Custody Seals	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	井	Sampler's Name:	Project Location	Project Number:	Project Name:	ne:		City, State ZIP:	ipas.	Company Name:	art Mananer
2	Carmona M	CS-10 (4')	CS-9 (4")	CS-8 (4')	CS-7 (4')	CS-6 (4')	CS-5 (4')	(4')	(4")	(4')	(4')	ntification					IPT					Mam	402-010-00	2083-218 CCN	Midland, TX 79701	310 W Wall St Ste 415	Carmona Resources	Conner Moehring
Relinquiste	Mike Carmona Mcarmona@carmonaresources.com and Conner Moehring@carmonaresources.com	8/26/2022	8/26/2022	8/26/2022	8/26/2022	8/26/2022	8/26/2022	8/26/2022	8/26/2022	8/26/2022	8/26/2022	Date		Yes No NIA	NO		100		CRM / GPJ	Lea Co, NM	1085	Mamba 30 State Com #/44-/45	1	50	79701	St Ste 415	esources	shring
Relinquished by: (Signature)	nonaresources	2	2	N	2	2	2	2	2	2	2	Time	Conected relifications	Temperature Reading	Correction Factor	Thermometer IU:	Yes (Ng	0		V		1#/44-/40						
(6	com and Con	×	×	×	×	×	×	×	. >	××	×	Soil	pelalure.	Buldes	104.	02	Wet Ice:			Due Date:	Li Koutine		Tur	Email:				
	ner Moehring@									2 0		Water Comp		20.70	1000	110	112 UN	-		24 hrs.	CI MUSII	I UTI MUUNU		: Todd Wells@eogresources	City, State ZIP.	Address	Company Name	Bill to: (if different)
00	gcarmon	-	+	+	+	+	+	+	+		+	0.	+		_	Par	rame	eter	3	1	Code	Pres.	_	eogreso)			246	
Daten 8/26/72	aresou	-	× >	+	+	+	+	< >	× ;	× >	< >		•		вт	EX 8	0211	в	-					urces.com	Midlar	5509 (EOG	Todd Wells
Date/Time	rces.co	,	× >	< >	× >	< >	< >	× >	×	× ;	< >	<	грн	8015	5M (GRO) + D	RO	+ MR	0)				m	Midland, Texas 79706	5509 Champions Dr.	EOG Resources	Vells
0	з	2	×	× >	× >	× >	< >	× 7	×	× :	× >	<		_	Chi	orid	e 45	00			+	_	F		579706	ns Dr.	55	
K			+	+	+	+	+	+	+	+	+	+									+	-						
tell	-		-	+	+	+	+	+	+	+	+			(ANALY					
late												_			_						-	_	ANALYSIS REQUEST					
Receive			+	+	+	+	+	+	-	+	+	+						_			-	-	QUEST	Г	Deliv	Rano	State	
A Miller Standing	2		-																						Deliverables: EDD	Reporting Level II Level III	State of Project:	
A land			_	_	_	_	-	_			-	+									_	-					tt [inot .
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															N	7	7		т	τ	0	Z			ADaPT	ST/UST	I Control	munfip
													Sar	NaOH+Ascorbic Acid: SAPC	Zn Acetate+NaUH: Zn	Na2S2O3' NASO3	NaHSO4: NABIS	H3PO4: HP	H2SO4: H2	HCL. HC	Cool: Cool	None: NO	Pres				[bob Countields RC
2.2													nple Co	scorbic A	e+NaOF	NaSO3	NABIS	τ					ervativ		Other:	RRP		ñ
26.22	Date/Time												Sample Comments	CID: SAF	I. Zn	1			NaOH: Na	HNO3: HN	MeOH: Me	DI Water: H2O	Preservative Codes			Level IV		Derfund
135	ne												S	C)				0	Z	Ø	H ₂ O	00					

Received by OCD: 10/17/2022 4:22:18 PM

Chain of Custody

Page 23 of 24

Work Order No: H22 3940

						Todd Wells	olle				Work Order Comments	COMMENTS	
Project Manager. Conn	Conner Moehring			Bill to: (if different)		1000 VV	slia			BoommilleT/DST DRP	T DRP rownfields	fields	perfund
	Carmona Resources			Company Name:		EOG Re	EOG Resources			State of Project:			
	310 W Wall St Ste 415			Address		5509 Ct	5509 Champions Dr.	s Dr.		Reporting:Level II Level III	Level III ST/UST	NST RRP	Level IV
e ZIP:	Midland, TX 79701			City, State ZIP:		Midland	Midland, Texas 79706	79706		Deliverables: EDD	"		a
	432-813-6823		Email:	Todd Wells@ec	eogresources.com	ces.con	P					- 11	
1 review.		11743 746	Tum	Turn Around					ANALYSIS REQUEST	QUEST		Preserv	Preservative Codes
Project Name:	Mampa su state com #144-145	#144-140	Doutino	Fill Ruch	Pres.		-	-				None: NO	DI Water: H20
Project Number.	1085		LI KOUTINE	E NOO	Code		+	+				Cool: Cool	MeOH: Me
Project Location	Lea Co, NM		Due Date:	24 hrs.)	_				HCL HC	HNO3: HN
Sampler's Name	CRM / GPJ						MRC					H2S04: H2	NaOH: Na
PO#)			ers		_)				H-POT HP	
SAMPLE RECEIPT	Jenp Blank:	Yes No	Wet Ice:	(Yes No	met	21B	-	4500			Id	NaHSO4: NABIS	SIS
Received Intact:	Yes No	Thermometer ID	X	115,	Para	X 80	_	ride			На	Na2S2O3 NaSO3	03
Cooler Custody Seals:	Yes No NA	Correction Factor	or:	-0.6C	1	BTE	-	Chlo				Zn Acetate+NaOH: Zn	aOH: Zn
Sample Custody Seals:	Yes NO NA	Temperature Reading	eading.	4.52				(_	NaOH+Ascorbic Acid: SAPC	bic Acid: S
Total Containers:		Corrected Temperature	perature:	5.16			PH 8						
Sample Identification	ation Date	Time	Soil	Water Comp	# of Cont		TI					Sample	Sample Commenus
00 44 /41	8/06/0000		×	0	-	×	×	×					
(A) (A)			×	c	1	×	×	×					
CS-13 (4")			×	C	1	×	×	×					
CS-14 (4")			×	c	.1	×	×	×		-		T	
CS-15 (4")			×	С	1	×	×	×					
CS-16 (4')			×	c	-	×	×	× ×					
SW-1 (4")	8/26/2022	2	×	C	1	×	×	×			-		
SW-2 (4")		2	×	0	-	×	×	×					
SW-3 (4')		2	×	0	-	×	×	× ×					
SW-4 (1')	8/26/2022	2	×	0	-	×	×	×					
Email to: Mike Carm	Email to: Mike Carmona Mcarmona@carmonaresources.com and Conner Moehring@carmonaresources.com	onaresources.	com and Conn	er Moehring@c	armonar	esourc	es.con	-					
Jour 1	North	Relinquished by: (Signature))		32/3		Date/Time		touriera	Received by Sigpature	luge)	00	Date/Time
G	1 1				+			-					

Page 24 of 24

Work Order No: H223946

Received by OCD: 10/17/2022 4:22:18 PM

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Chain of Custody



September 02, 2022

CONNER MOEHRING CARMONA RESOURCES 310 W WALL ST SUITE 415 MIDLAND, TX 79701

RE: MAMBA 30 STATE COM #744 - 745

Enclosed are the results of analyses for samples received by the laboratory on 09/01/22 16:03.

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 CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/01/2022	Sampling Date:	09/01/2022
Reported:	09/02/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 17 (3.5') (H224032-01)

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	09/02/2022	ND	1.88	94.1	2.00	2.37	
Toluene*	<0.050	0.050	09/02/2022	ND	1.86	92.9	2.00	3.74	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.84	91.9	2.00	4.50	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.72	95.4	6.00	3.35	
Total BTEX	<0.300	0.300	09/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
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	09/02/2022	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	09/02/2022	ND	196	98.2	200	0.701	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	194	96.8	200	7.14	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					
Surrogate: 1-Chlorooctane	83.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	87.3	% 46.3-17	0						

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*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/01/2022	Sampling Date:	09/01/2022
Reported:	09/02/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 18 (3.5') (H224032-02)

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	09/02/2022	ND	1.88	94.1	2.00	2.37	
Toluene*	<0.050	0.050	09/02/2022	ND	1.86	92.9	2.00	3.74	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.84	91.9	2.00	4.50	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.72	95.4	6.00	3.35	
Total BTEX	<0.300	0.300	09/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
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	09/02/2022	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	09/02/2022	ND	196	98.2	200	0.701	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	194	96.8	200	7.14	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					
Surrogate: 1-Chlorooctane	81.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	84.8	% 46.3-17	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/01/2022	Sampling Date:	09/01/2022
Reported:	09/02/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 19 (3.5') (H224032-03)

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	09/02/2022	ND	1.88	94.1	2.00	2.37	
Toluene*	<0.050	0.050	09/02/2022	ND	1.86	92.9	2.00	3.74	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.84	91.9	2.00	4.50	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.72	95.4	6.00	3.35	
Total BTEX	<0.300	0.300	09/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	09/02/2022	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	09/02/2022	ND	196	98.2	200	0.701	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	194	96.8	200	7.14	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					
Surrogate: 1-Chlorooctane	91.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	94.2	% 46.3-17	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/01/2022	Sampling Date:	09/01/2022
Reported:	09/02/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 20 (3.5') (H224032-04)

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	09/02/2022	ND	1.88	94.1	2.00	2.37	
Toluene*	<0.050	0.050	09/02/2022	ND	1.86	92.9	2.00	3.74	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.84	91.9	2.00	4.50	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.72	95.4	6.00	3.35	
Total BTEX	<0.300	0.300	09/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
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	09/02/2022	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	09/02/2022	ND	196	98.2	200	0.701	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	194	96.8	200	7.14	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					
Surrogate: 1-Chlorooctane	85.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	89.7	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/01/2022	Sampling Date:	09/01/2022
Reported:	09/02/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 21 (3.5') (H224032-05)

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	09/02/2022	ND	1.88	94.1	2.00	2.37	
Toluene*	<0.050	0.050	09/02/2022	ND	1.86	92.9	2.00	3.74	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.84	91.9	2.00	4.50	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.72	95.4	6.00	3.35	
Total BTEX	<0.300	0.300	09/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	09/02/2022	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	09/02/2022	ND	196	98.2	200	0.701	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	194	96.8	200	7.14	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					
Surrogate: 1-Chlorooctane	88.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.2	% 46.3-17	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/01/2022	Sampling Date:	09/01/2022
Reported:	09/02/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 22 (3.5') (H224032-06)

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	09/02/2022	ND	1.88	94.1	2.00	2.37	
Toluene*	<0.050	0.050	09/02/2022	ND	1.86	92.9	2.00	3.74	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.84	91.9	2.00	4.50	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.72	95.4	6.00	3.35	
Total BTEX	<0.300	0.300	09/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
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	09/02/2022	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	09/02/2022	ND	196	98.2	200	0.701	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	194	96.8	200	7.14	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					
Surrogate: 1-Chlorooctane	89.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	93.2	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/01/2022	Sampling Date:	09/01/2022
Reported:	09/02/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 23 (3.5') (H224032-07)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2022	ND	1.88	94.1	2.00	2.37	
Toluene*	<0.050	0.050	09/02/2022	ND	1.86	92.9	2.00	3.74	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.84	91.9	2.00	4.50	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.72	95.4	6.00	3.35	
Total BTEX	<0.300	0.300	09/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
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	09/02/2022	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	09/02/2022	ND	196	98.2	200	0.701	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	194	96.8	200	7.14	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					
Surrogate: 1-Chlorooctane	87.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.1	% 46.3-17	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/01/2022	Sampling Date:	09/01/2022
Reported:	09/02/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 24 (3.5') (H224032-08)

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	09/02/2022	ND	1.88	94.1	2.00	2.37	
Toluene*	<0.050	0.050	09/02/2022	ND	1.86	92.9	2.00	3.74	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.84	91.9	2.00	4.50	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.72	95.4	6.00	3.35	
Total BTEX	<0.300	0.300	09/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
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	09/02/2022	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	09/02/2022	ND	196	98.2	200	0.701	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	194	96.8	200	7.14	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					
Surrogate: 1-Chlorooctane	86.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	90.6	% 46.3-17	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/01/2022	Sampling Date:	09/01/2022
Reported:	09/02/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 25 (3.5') (H224032-09)

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	09/02/2022	ND	1.88	94.1	2.00	2.37	
Toluene*	<0.050	0.050	09/02/2022	ND	1.86	92.9	2.00	3.74	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.84	91.9	2.00	4.50	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.72	95.4	6.00	3.35	
Total BTEX	<0.300	0.300	09/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
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	09/02/2022	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	09/02/2022	ND	196	98.2	200	0.701	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	194	96.8	200	7.14	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					
Surrogate: 1-Chlorooctane	87.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	94.0	% 46.3-17	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/01/2022	Sampling Date:	09/01/2022
Reported:	09/02/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 26 (3.5') (H224032-10)

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	09/01/2022	ND	1.82	90.8	2.00	4.04	
Toluene*	<0.050	0.050	09/01/2022	ND	1.80	90.1	2.00	7.30	
Ethylbenzene*	<0.050	0.050	09/01/2022	ND	1.79	89.3	2.00	5.82	
Total Xylenes*	<0.150	0.150	09/01/2022	ND	5.58	92.9	6.00	6.93	
Total BTEX	<0.300	0.300	09/01/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 69.9-14	0						
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	09/02/2022	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	09/02/2022	ND	197	98.5	200	3.22	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	215	107	200	0.948	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					
Surrogate: 1-Chlorooctane	102	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	125	% 46.3-17	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/01/2022	Sampling Date:	09/01/2022
Reported:	09/02/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 28 (3.5') (H224032-11)

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	09/01/2022	ND	1.82	90.8	2.00	4.04	
Toluene*	<0.050	0.050	09/01/2022	ND	1.80	90.1	2.00	7.30	
Ethylbenzene*	<0.050	0.050	09/01/2022	ND	1.79	89.3	2.00	5.82	
Total Xylenes*	<0.150	0.150	09/01/2022	ND	5.58	92.9	6.00	6.93	
Total BTEX	<0.300	0.300	09/01/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 69.9-14	0						
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	09/02/2022	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	09/02/2022	ND	197	98.5	200	3.22	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	215	107	200	0.948	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					
Surrogate: 1-Chlorooctane	109	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	138	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/01/2022	Sampling Date:	09/01/2022
Reported:	09/02/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO., NM		

Sample ID: SW - 5 (3.5') (H224032-12)

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	09/01/2022	ND	1.82	90.8	2.00	4.04	
Toluene*	<0.050	0.050	09/01/2022	ND	1.80	90.1	2.00	7.30	
Ethylbenzene*	<0.050	0.050	09/01/2022	ND	1.79	89.3	2.00	5.82	
Total Xylenes*	<0.150	0.150	09/01/2022	ND	5.58	92.9	6.00	6.93	
Total BTEX	<0.300	0.300	09/01/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 69.9-14	0						
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	09/02/2022	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	09/02/2022	ND	197	98.5	200	3.22	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	215	107	200	0.948	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					
Surrogate: 1-Chlorooctane	105	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	131	% 46.3-17	8						

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*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/01/2022	Sampling Date:	09/01/2022
Reported:	09/02/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA CO., NM		

Sample ID: SW - 6 (3.5') (H224032-13)

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	09/01/2022	ND	1.82	90.8	2.00	4.04	
Toluene*	<0.050	0.050	09/01/2022	ND	1.80	90.1	2.00	7.30	
Ethylbenzene*	<0.050	0.050	09/01/2022	ND	1.79	89.3	2.00	5.82	
Total Xylenes*	<0.150	0.150	09/01/2022	ND	5.58	92.9	6.00	6.93	
Total BTEX	<0.300	0.300	09/01/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 69.9-14	0						
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	09/02/2022	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	09/02/2022	ND	197	98.5	200	3.22	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	215	107	200	0.948	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					
Surrogate: 1-Chlorooctane	105 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	127 9	% 46.3-17	8						

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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

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

				•							Page 1 of Page 16
	Conner Moehring			Bill to: (if different)		Todd Wells	Vells			Work Or	
	Comona Recolution			Company Name		EOG R	EOG Resources	es		Program: UST/PST PRP rownfields	rownfields RC perfund
Address: 310 V	310 W Wall St Ste 415			Address		5509 C	5509 Champions Dr.	Ins Dr.		State of Project:	
e ZIP:	Midland, TX 79701			City, State ZIP:		Midlanu	Midland, Texas 79706	s 79706		Reporting:Level II Level III [ST/UST RRP Level IV
	432-813-6823		Email:		ogresour	rces.col	В			. Deliverables: EDD A	ADaPT Other:
Dmient Name:	Mamba 30 State Com #744-745	#744-745	Turn	Turn Around					ANALYSIS REQUEST	QUEST	Preservative Codes
Project Number	1085		Routine	Rush	Pres. Code						None: NO DI Water: H ₂ O
Project Location	Lea Co, NM		Due Date:	24 hrs.			>				atta
Sampler's Name:	GPJ						MRO				HCL: HC HNO3; HN
PO #					ters		-	0			
SAMPLE RECEIPT	Temp Blank:	Yes No	Wet loe:	Yes No	ame	218	-	450			NaHSO : NARIS
Received Intact: Cooler Custody Seals	Yes No NIA	Correction Factor	2	-0.6:	Par	TEX 8		loride			Na2S2O3. NaSO3
Sample Custody Seals:	No	Temperature Reading:	ading:	280		B		Ch			Zn Acetate+NaOH: Zn
Total Containers:		Contaction 1 attibulation	ciature.	I J. AC			PH 8				
Sample Identification	tion Date	Time	Soil	Water Comp	Cont						valiante commente
CS-17 (3.5')	9/1/2022		×	c		×	×	×			
CS-18 (3.5')	9/1/2022		×	c	-	×	×	×			
CS-19 (3.5')	9/1/2022		×	c	-	×	×	×			
CS-20 (3.5')	9/1/2022		×	0 0		< ×	< ×	×			
CS-21 (3.5')	9/1/2022		×	C	-	×	×	×			
CS-22 (3.5")	9/1/2022		×	0	-	×	×	×			
CS-23 (3.5')	9/1/2022		×	0	-	×	×	×			
CS-24 (3.5')	9/1/2022		×	0	-	×	×	×			
CS-25 (3.5')	9/1/2022		×	c	-	×	×	×			
CS-26 (3.5')	9/1/2022		×	0	-	×	×	×			
Email to: Mike Carmo	Mike Carmona Mcarmona@carmo	@carmonaresources.com and Conner Moehring@carmonaresources.com	om and Conne	r Moehring@ca	irmonar	esourc	es.com	-			
	Relinquished	Relinquished by: (Signature)				Date/Time	Time		R	Received by: (Signature)	Date/Time
D	·	10 × 10			9.1-22	2	160-	M	Spockion	rest	A1-122/100

Released to Imaging: 11/4/2022 2:23:06 PM

Received by OCD: 10/17/2022 4:22:18 PM JENF WD-

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							Toddy	Ualle				Work O	Work Order Comments		
Project Manager. Cor	Conner Moehring				Bill to: (if different)	(III)	EDC Reen	Clian				Program: UST/PST PRP	rownfields	Ids RC	perfund
Company Name: Car	Carmona Resources	ces			Addrase	110.	5509 0	5509 Champions Dr.	Dr.			State of Project:			
	Midland TY 70704	14			City. State ZIP	Ŷ	Midlani	Midland, Texas 79706	79706			Reporting:Level II Level III	LIST/UST		
dio Lir.	A32_813_6823			Email:	Todd Wells@eogresources.com	@eogresc	urces.co	T				Deliverables: EDD	ADaP1	Uther.	
- DOLE:	F O I O O O O		1	T	Asound		_			ANALY	ANALYSIS REQUEST	JEST		Preservative Codes	ive Codes
Project Name:	INampa Ju	Mampa 30 State Colti #/ 44-745	144-140	Dation 1	- Dich	Pres.		_	_				No	None: NO	DI Water: H ₂ O
Project Number:		1085		L Koutine	INSIN [2]	Cod		-	+		+		Co	Cool: Cool	MeOH: Me
Project Location	-	Lea Co, NM		Due Date:	24 hrs.			0)					HO	HCL: HC.	HNO3: HN
Sampler's Name:		GPJ				5		+ MR					H ₂	H ₂ S0 ₄ : H ₂	NaOH: Na
		2		Wint Inn	Yes No			-	U				H	H ₃ PO ₄ HP	
Deceived Intact		Yes No	Thermometer ID:		113	aram	802	to +	ae 41				Hold	NaHSO NABIS	
Cooler Custody Seals:	Yes N	A	Correction Factor:	1.	-0.60			_	mor					Zn Acetate+NaOH: Zn)H: Zn
Sample Custody Seals:	Yes N	NO (NA)	Temperature Reading:	ading:	5.84	1	1				-		Z	NaOH+Ascorbic Acid: SAPC	Acid: SAPC
Total Containers.			Corrected Temperature:	erature:	Side		1	PH 8	_					complet	ommonte
Sample Identification	ication	Date	Time	Soil	Water Co	Comp Cont	nt	т	-		-			vaidilipo	oalliple collineitie
CS-28 (3.5')	5')	9/1/2022		×		C 1	-	+	×		-		1		
SW-5 (3.5')	<u>(</u>)	9/1/2022		×		+	+	+			+		+		
SW-6 (3.5')	57)	9/1/2022		×	Ţ	C 1	×	×	×		+				
							++		+						
						++			+						
							-		-						
						_	-								
Email to: Mike Carmona Mcarmona@carmonaresources.com and Conner Moehring@carmonaresources.com	mona Mcarmo	ona@carmor	naresources.co	om and Conn	er Moehring(Carmon	aresourt	ces.com							
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Received by OCD: 10/17/2022 4:22:18 PM



September 09, 2022

CONNER MOEHRING CARMONA RESOURCES 310 W WALL ST SUITE 415 MIDLAND, TX 79701

RE: MAMBA 30 STATE COM #744 - 745

Enclosed are the results of analyses for samples received by the laboratory on 09/08/22 12:30.

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 CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/08/2022	Sampling Date:	09/08/2022
Reported:	09/09/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 27 (3.5') (H224125-01)

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	09/08/2022	ND	1.92	95.8	2.00	7.04	QM-07
Toluene*	<0.050	0.050	09/08/2022	ND	1.86	92.9	2.00	10.0	QM-07
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	1.72	85.9	2.00	15.5	QM-07
Total Xylenes*	<0.150	0.150	09/08/2022	ND	5.37	89.5	6.00	14.8	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	09/08/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2022	ND	204	102	200	1.13	
DRO >C10-C28*	<10.0	10.0	09/08/2022	ND	223	111	200	10.7	
EXT DRO >C28-C36	<10.0	10.0	09/08/2022	ND					
Surrogate: 1-Chlorooctane	91.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.1	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/08/2022	Sampling Date:	09/08/2022
Reported:	09/09/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 29 (3.5') (H224125-02)

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	09/08/2022	ND	1.92	95.8	2.00	7.04	
Toluene*	<0.050	0.050	09/08/2022	ND	1.86	92.9	2.00	10.0	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	1.72	85.9	2.00	15.5	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	5.37	89.5	6.00	14.8	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 69.9-14	0						
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	09/08/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	204	102	200	1.13	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	223	111	200	10.7	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					
Surrogate: 1-Chlorooctane	94.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.8	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/08/2022	Sampling Date:	09/08/2022
Reported:	09/09/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 30 (3.5') (H224125-03)

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	09/08/2022	ND	1.92	95.8	2.00	7.04	
Toluene*	<0.050	0.050	09/08/2022	ND	1.86	92.9	2.00	10.0	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	1.72	85.9	2.00	15.5	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	5.37	89.5	6.00	14.8	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	09/08/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	204	102	200	1.13	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	223	111	200	10.7	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					
Surrogate: 1-Chlorooctane	92.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.5	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/08/2022	Sampling Date:	09/08/2022
Reported:	09/09/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 31 (3.5') (H224125-04)

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	09/08/2022	ND	1.92	95.8	2.00	7.04	
Toluene*	<0.050	0.050	09/08/2022	ND	1.86	92.9	2.00	10.0	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	1.72	85.9	2.00	15.5	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	5.37	89.5	6.00	14.8	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 69.9-14	0						
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	09/08/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	204	102	200	1.13	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	223	111	200	10.7	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					
Surrogate: 1-Chlorooctane	95.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	100	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/08/2022	Sampling Date:	09/08/2022
Reported:	09/09/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 32 (3.5') (H224125-05)

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	09/08/2022	ND	1.92	95.8	2.00	7.04	
Toluene*	<0.050	0.050	09/08/2022	ND	1.86	92.9	2.00	10.0	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	1.72	85.9	2.00	15.5	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	5.37	89.5	6.00	14.8	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	69.9-14	0						
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	09/08/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	204	102	200	1.13	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	223	111	200	10.7	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					
Surrogate: 1-Chlorooctane	82.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	86.5	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/08/2022	Sampling Date:	09/08/2022
Reported:	09/09/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 33 (3.5') (H224125-06)

BTEX 8021B	mg/	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2022	ND	1.92	95.8	2.00	7.04	
Toluene*	<0.050	0.050	09/08/2022	ND	1.86	92.9	2.00	10.0	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	1.72	85.9	2.00	15.5	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	5.37	89.5	6.00	14.8	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	09/08/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	204	102	200	1.13	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	223	111	200	10.7	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					
Surrogate: 1-Chlorooctane	91.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101 9	% 46.3-17	8						

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CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/08/2022	Sampling Date:	09/08/2022
Reported:	09/09/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 34 (3.5') (H224125-07)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2022	ND	1.92	95.8	2.00	7.04	
Toluene*	<0.050	0.050	09/08/2022	ND	1.86	92.9	2.00	10.0	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	1.72	85.9	2.00	15.5	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	5.37	89.5	6.00	14.8	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 69.9-14	0						
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	09/08/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	204	102	200	1.13	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	223	111	200	10.7	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					
Surrogate: 1-Chlorooctane	92.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.9	% 46.3-17	8						

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CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/08/2022	Sampling Date:	09/08/2022
Reported:	09/09/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 35 (3.5') (H224125-08)

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	09/08/2022	ND	1.92	95.8	2.00	7.04	
Toluene*	<0.050	0.050	09/08/2022	ND	1.86	92.9	2.00	10.0	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	1.72	85.9	2.00	15.5	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	5.37	89.5	6.00	14.8	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	09/08/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	204	102	200	1.13	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	223	111	200	10.7	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					
Surrogate: 1-Chlorooctane	88.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.4	% 46.3-17	8						

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CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/08/2022	Sampling Date:	09/08/2022
Reported:	09/09/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 36 (3.5') (H224125-09)

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	09/08/2022	ND	1.92	95.8	2.00	7.04	
Toluene*	<0.050	0.050	09/08/2022	ND	1.86	92.9	2.00	10.0	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	1.72	85.9	2.00	15.5	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	5.37	89.5	6.00	14.8	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 69.9-14	0						
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	09/08/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	204	102	200	1.13	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	223	111	200	10.7	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					
Surrogate: 1-Chlorooctane	80.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	85.4	% 46.3-17	8						

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CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/08/2022	Sampling Date:	09/08/2022
Reported:	09/09/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 37 (4') (H224125-10)

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	09/08/2022	ND	1.92	95.8	2.00	7.04	
Toluene*	<0.050	0.050	09/08/2022	ND	1.86	92.9	2.00	10.0	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	1.72	85.9	2.00	15.5	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	5.37	89.5	6.00	14.8	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 69.9-14	0						
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	09/08/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	204	102	200	1.13	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	223	111	200	10.7	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					
Surrogate: 1-Chlorooctane	91.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.3	% 46.3-17	8						

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CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/08/2022	Sampling Date:	09/08/2022
Reported:	09/09/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 38 (4') (H224125-11)

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	09/08/2022	ND	1.92	95.8	2.00	7.04	
Toluene*	<0.050	0.050	09/08/2022	ND	1.86	92.9	2.00	10.0	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	1.72	85.9	2.00	15.5	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	5.37	89.5	6.00	14.8	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	09/08/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	204	102	200	1.13	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	223	111	200	10.7	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					
Surrogate: 1-Chlorooctane	83.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	86.9	% 46.3-17	8						

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CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/08/2022	Sampling Date:	09/08/2022
Reported:	09/09/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 39 (4') (H224125-12)

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	09/08/2022	ND	1.92	95.8	2.00	7.04	
Toluene*	<0.050	0.050	09/08/2022	ND	1.86	92.9	2.00	10.0	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	1.72	85.9	2.00	15.5	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	5.37	89.5	6.00	14.8	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	09/08/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	204	102	200	1.13	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	223	111	200	10.7	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					
Surrogate: 1-Chlorooctane	95.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	97.8	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/08/2022	Sampling Date:	09/08/2022
Reported:	09/09/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 40 (4') (H224125-13)

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	09/08/2022	ND	1.92	95.8	2.00	7.04	
Toluene*	<0.050	0.050	09/08/2022	ND	1.86	92.9	2.00	10.0	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	1.72	85.9	2.00	15.5	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	5.37	89.5	6.00	14.8	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	09/08/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	204	102	200	1.13	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	223	111	200	10.7	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					
Surrogate: 1-Chlorooctane	95.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	97.6	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/08/2022	Sampling Date:	09/08/2022
Reported:	09/09/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 41 (4') (H224125-14)

BTEX 8021B	mg/	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2022	ND	1.92	95.8	2.00	7.04	
Toluene*	<0.050	0.050	09/08/2022	ND	1.86	92.9	2.00	10.0	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	1.72	85.9	2.00	15.5	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	5.37	89.5	6.00	14.8	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 69.9-14	10						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	09/08/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	204	102	200	1.13	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	223	111	200	10.7	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					
Surrogate: 1-Chlorooctane	102 9	% 45.3-16	51						
Surrogate: 1-Chlorooctadecane	106 9	% 46.3-17	70						

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CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/08/2022	Sampling Date:	09/08/2022
Reported:	09/09/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 42 (4') (H224125-15)

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	09/08/2022	ND	1.92	95.8	2.00	7.04	
Toluene*	<0.050	0.050	09/08/2022	ND	1.86	92.9	2.00	10.0	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	1.72	85.9	2.00	15.5	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	5.37	89.5	6.00	14.8	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	09/08/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	204	102	200	1.13	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	223	111	200	10.7	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					
Surrogate: 1-Chlorooctane	96.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.2	% 46.3-17	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/08/2022	Sampling Date:	09/08/2022
Reported:	09/09/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 43 (4') (H224125-16)

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	09/08/2022	ND	1.92	95.8	2.00	7.04	
Toluene*	<0.050	0.050	09/08/2022	ND	1.86	92.9	2.00	10.0	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	1.72	85.9	2.00	15.5	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	5.37	89.5	6.00	14.8	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 69.9-14	0						
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	09/09/2022	ND	448	112	400	7.41	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	204	102	200	1.13	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	223	111	200	10.7	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					
Surrogate: 1-Chlorooctane	98.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	104	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/08/2022	Sampling Date:	09/08/2022
Reported:	09/09/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 44 (4') (H224125-17)

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	09/08/2022	ND	1.92	95.8	2.00	7.04	
Toluene*	<0.050	0.050	09/08/2022	ND	1.86	92.9	2.00	10.0	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	1.72	85.9	2.00	15.5	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	5.37	89.5	6.00	14.8	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 69.9-14	0						
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	09/09/2022	ND	448	112	400	7.41	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	204	102	200	1.13	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	223	111	200	10.7	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					
Surrogate: 1-Chlorooctane	89.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	95.5	% 46.3-17	8						

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CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/08/2022	Sampling Date:	09/08/2022
Reported:	09/09/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 45 (4') (H224125-18)

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	09/08/2022	ND	1.92	95.8	2.00	7.04	
Toluene*	<0.050	0.050	09/08/2022	ND	1.86	92.9	2.00	10.0	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	1.72	85.9	2.00	15.5	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	5.37	89.5	6.00	14.8	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 69.9-14	0						
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	09/09/2022	ND	448	112	400	7.41	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	204	102	200	1.13	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	223	111	200	10.7	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					
Surrogate: 1-Chlorooctane	91.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.1	% 46.3-17	8						

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CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/08/2022	Sampling Date:	09/08/2022
Reported:	09/09/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 46 (4') (H224125-19)

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	09/08/2022	ND	1.92	95.8	2.00	7.04	
Toluene*	<0.050	0.050	09/08/2022	ND	1.86	92.9	2.00	10.0	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	1.72	85.9	2.00	15.5	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	5.37	89.5	6.00	14.8	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	09/09/2022	ND	448	112	400	7.41	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	204	102	200	1.13	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	223	111	200	10.7	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					
Surrogate: 1-Chlorooctane	94.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.8	% 46.3-17	8						

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CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/08/2022	Sampling Date:	09/08/2022
Reported:	09/09/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 47 (4') (H224125-20)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2022	ND	1.92	95.8	2.00	7.04	
Toluene*	<0.050	0.050	09/08/2022	ND	1.86	92.9	2.00	10.0	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	1.72	85.9	2.00	15.5	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	5.37	89.5	6.00	14.8	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 69.9-14	0						
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	09/09/2022	ND	448	112	400	7.41	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	204	102	200	1.13	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	223	111	200	10.7	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					
Surrogate: 1-Chlorooctane	80.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	90.4	% 46.3-17	8						

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CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/08/2022	Sampling Date:	09/08/2022
Reported:	09/09/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 48 (4') (H224125-21)

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	09/08/2022	ND	2.09	104	2.00	7.03	
Toluene*	<0.050	0.050	09/08/2022	ND	2.04	102	2.00	8.35	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.01	100	2.00	7.48	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.20	103	6.00	7.96	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
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	09/09/2022	ND	448	112	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2022	ND	208	104	200	2.48	
DRO >C10-C28*	<10.0	10.0	09/08/2022	ND	199	99.3	200	5.39	
EXT DRO >C28-C36	<10.0	10.0	09/08/2022	ND					
Surrogate: 1-Chlorooctane	77.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	85.3	% 46.3-17	8						

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CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/08/2022	Sampling Date:	09/08/2022
Reported:	09/09/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 49 (4') (H224125-22)

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	09/08/2022	ND	2.09	104	2.00	7.03	
Toluene*	<0.050	0.050	09/08/2022	ND	2.04	102	2.00	8.35	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.01	100	2.00	7.48	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.20	103	6.00	7.96	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
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	09/09/2022	ND	448	112	400	7.41	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2022	ND	208	104	200	2.48	
DRO >C10-C28*	<10.0	10.0	09/08/2022	ND	199	99.3	200	5.39	
EXT DRO >C28-C36	<10.0	10.0	09/08/2022	ND					
Surrogate: 1-Chlorooctane	83.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	93.5	% 46.3-17	8						

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CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/08/2022	Sampling Date:	09/08/2022
Reported:	09/09/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 50 (4') (H224125-23)

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	09/08/2022	ND	2.09	104	2.00	7.03	
Toluene*	<0.050	0.050	09/08/2022	ND	2.04	102	2.00	8.35	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.01	100	2.00	7.48	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.20	103	6.00	7.96	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
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	09/09/2022	ND	448	112	400	7.41	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2022	ND	208	104	200	2.48	
DRO >C10-C28*	<10.0	10.0	09/08/2022	ND	199	99.3	200	5.39	
EXT DRO >C28-C36	<10.0	10.0	09/08/2022	ND					
Surrogate: 1-Chlorooctane	82.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	93.3	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/08/2022	Sampling Date:	09/08/2022
Reported:	09/09/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 51 (4') (H224125-24)

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	09/08/2022	ND	2.09	104	2.00	7.03	
Toluene*	<0.050	0.050	09/08/2022	ND	2.04	102	2.00	8.35	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.01	100	2.00	7.48	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.20	103	6.00	7.96	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	09/09/2022	ND	448	112	400	7.41	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2022	ND	208	104	200	2.48	
DRO >C10-C28*	<10.0	10.0	09/08/2022	ND	199	99.3	200	5.39	
EXT DRO >C28-C36	<10.0	10.0	09/08/2022	ND					
Surrogate: 1-Chlorooctane	71.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	80.5	% 46.3-17	8						

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CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/08/2022	Sampling Date:	09/08/2022
Reported:	09/09/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 52 (4') (H224125-25)

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	09/08/2022	ND	2.09	104	2.00	7.03	
Toluene*	<0.050	0.050	09/08/2022	ND	2.04	102	2.00	8.35	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.01	100	2.00	7.48	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.20	103	6.00	7.96	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 69.9-14	0						
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	09/09/2022	ND	448	112	400	7.41	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2022	ND	208	104	200	2.48	
DRO >C10-C28*	<10.0	10.0	09/08/2022	ND	199	99.3	200	5.39	
EXT DRO >C28-C36	<10.0	10.0	09/08/2022	ND					
Surrogate: 1-Chlorooctane	81.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.1	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/08/2022	Sampling Date:	09/08/2022
Reported:	09/09/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 53 (4') (H224125-26)

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	09/08/2022	ND	2.09	104	2.00	7.03	
Toluene*	<0.050	0.050	09/08/2022	ND	2.04	102	2.00	8.35	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.01	100	2.00	7.48	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.20	103	6.00	7.96	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 \$	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	09/09/2022	ND	448	112	400	7.41	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	208	104	200	2.48	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	199	99.3	200	5.39	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					
Surrogate: 1-Chlorooctane	67.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	74.8	% 46.3-17	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/08/2022	Sampling Date:	09/08/2022
Reported:	09/09/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 54 (4') (H224125-27)

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	09/08/2022	ND	2.09	104	2.00	7.03	
Toluene*	<0.050	0.050	09/08/2022	ND	2.04	102	2.00	8.35	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.01	100	2.00	7.48	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.20	103	6.00	7.96	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 69.9-14	0						
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	09/09/2022	ND	448	112	400	7.41	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	208	104	200	2.48	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	199	99.3	200	5.39	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					
Surrogate: 1-Chlorooctane	86.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.1	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/08/2022	Sampling Date:	09/08/2022
Reported:	09/09/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 55 (4') (H224125-28)

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	09/08/2022	ND	2.09	104	2.00	7.03	
Toluene*	<0.050	0.050	09/08/2022	ND	2.04	102	2.00	8.35	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.01	100	2.00	7.48	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.20	103	6.00	7.96	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	09/09/2022	ND	448	112	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	208	104	200	2.48	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	199	99.3	200	5.39	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					
Surrogate: 1-Chlorooctane	77.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	87.6	% 46.3-17	8						

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CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/08/2022	Sampling Date:	09/08/2022
Reported:	09/09/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 56 (4') (H224125-29)

BTEX 8021B	mg/	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2022	ND	2.09	104	2.00	7.03	
Toluene*	<0.050	0.050	09/08/2022	ND	2.04	102	2.00	8.35	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.01	100	2.00	7.48	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.20	103	6.00	7.96	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 69.9-14	10						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	09/09/2022	ND	448	112	400	7.41	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	208	104	200	2.48	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	199	99.3	200	5.39	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					
Surrogate: 1-Chlorooctane	81.5	% 45.3-16	51						
Surrogate: 1-Chlorooctadecane	92.3	% 46.3-17							

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CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/08/2022	Sampling Date:	09/08/2022
Reported:	09/09/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 57 (4') (H224125-30)

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	09/08/2022	ND	2.09	104	2.00	7.03	
Toluene*	<0.050	0.050	09/08/2022	ND	2.04	102	2.00	8.35	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.01	100	2.00	7.48	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.20	103	6.00	7.96	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	09/09/2022	ND	448	112	400	7.41	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	208	104	200	2.48	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	199	99.3	200	5.39	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					
Surrogate: 1-Chlorooctane	78.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	87.9	% 46.3-17	8						

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CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/08/2022	Sampling Date:	09/08/2022
Reported:	09/09/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 58 (4') (H224125-31)

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	09/08/2022	ND	2.09	104	2.00	7.03	
Toluene*	<0.050	0.050	09/08/2022	ND	2.04	102	2.00	8.35	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.01	100	2.00	7.48	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.20	103	6.00	7.96	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2280	16.0	09/09/2022	ND	448	112	400	7.41	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	208	104	200	2.48	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	199	99.3	200	5.39	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					
Surrogate: 1-Chlorooctane	69.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	77.2	% 46.3-17	8						

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CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/08/2022	Sampling Date:	09/08/2022
Reported:	09/09/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 59 (4') (H224125-32)

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	09/08/2022	ND	2.09	104	2.00	7.03	
Toluene*	<0.050	0.050	09/08/2022	ND	2.04	102	2.00	8.35	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.01	100	2.00	7.48	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.20	103	6.00	7.96	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1600	16.0	09/09/2022	ND	448	112	400	7.41	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	208	104	200	2.48	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	199	99.3	200	5.39	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					
Surrogate: 1-Chlorooctane	76.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	86.1	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/08/2022	Sampling Date:	09/08/2022
Reported:	09/09/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: CS - 60 (4') (H224125-33)

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	09/08/2022	ND	2.09	104	2.00	7.03	
Toluene*	<0.050	0.050	09/08/2022	ND	2.04	102	2.00	8.35	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.01	100	2.00	7.48	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.20	103	6.00	7.96	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2120	16.0	09/09/2022	ND	448	112	400	7.41	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	208	104	200	2.48	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	199	99.3	200	5.39	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					
Surrogate: 1-Chlorooctane	74.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	84.3	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/08/2022	Sampling Date:	09/08/2022
Reported:	09/09/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: SW - 7 (0.5') (H224125-34)

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	09/08/2022	ND	2.09	104	2.00	7.03	
Toluene*	<0.050	0.050	09/08/2022	ND	2.04	102	2.00	8.35	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.01	100	2.00	7.48	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.20	103	6.00	7.96	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
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	09/09/2022	ND	448	112	400	7.41	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	208	104	200	2.48	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	199	99.3	200	5.39	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					
Surrogate: 1-Chlorooctane	82.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.5	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/08/2022	Sampling Date:	09/08/2022
Reported:	09/09/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: SW - 8 (4') (H224125-35)

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	09/08/2022	ND	2.09	104	2.00	7.03	
Toluene*	<0.050	0.050	09/08/2022	ND	2.04	102	2.00	8.35	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.01	100	2.00	7.48	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.20	103	6.00	7.96	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	09/09/2022	ND	448	112	400	7.41	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	208	104	200	2.48	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	199	99.3	200	5.39	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					
Surrogate: 1-Chlorooctane	72.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	80.8	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/08/2022	Sampling Date:	09/08/2022
Reported:	09/09/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: SW - 9 (4') (H224125-36)

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	09/08/2022	ND	2.09	104	2.00	7.03	
Toluene*	<0.050	0.050	09/08/2022	ND	2.04	102	2.00	8.35	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.01	100	2.00	7.48	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.20	103	6.00	7.96	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	09/09/2022	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	09/09/2022	ND	208	104	200	2.48	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	199	99.3	200	5.39	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					
Surrogate: 1-Chlorooctane	73.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	81.9	% 46.3-17	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/08/2022	Sampling Date:	09/08/2022
Reported:	09/09/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: SW - 10 (4') (H224125-37)

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	09/08/2022	ND	2.09	104	2.00	7.03	
Toluene*	<0.050	0.050	09/08/2022	ND	2.04	102	2.00	8.35	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.01	100	2.00	7.48	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.20	103	6.00	7.96	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 69.9-14	0						
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	09/09/2022	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	09/09/2022	ND	208	104	200	2.48	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	199	99.3	200	5.39	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					
Surrogate: 1-Chlorooctane	76.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	85.9	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/08/2022	Sampling Date:	09/08/2022
Reported:	09/09/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: SW - 11 (4') (H224125-38)

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	09/08/2022	ND	2.09	104	2.00	7.03	
Toluene*	<0.050	0.050	09/08/2022	ND	2.04	102	2.00	8.35	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.01	100	2.00	7.48	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.20	103	6.00	7.96	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
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	09/09/2022	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	09/09/2022	ND	208	104	200	2.48	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	199	99.3	200	5.39	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					
Surrogate: 1-Chlorooctane	79.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	89.2	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/08/2022	Sampling Date:	09/08/2022
Reported:	09/09/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: SW - 12 (4') (H224125-39)

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	09/08/2022	ND	2.09	104	2.00	7.03	
Toluene*	<0.050	0.050	09/08/2022	ND	2.04	102	2.00	8.35	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.01	100	2.00	7.48	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.20	103	6.00	7.96	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
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	09/09/2022	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	09/09/2022	ND	208	104	200	2.48	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	199	99.3	200	5.39	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					
Surrogate: 1-Chlorooctane	78.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	90.0	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



CARMONA RESOURCES CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/08/2022	Sampling Date:	09/08/2022
Reported:	09/09/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: SW - 13 (4') (H224125-40)

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	09/08/2022	ND	2.09	104	2.00	7.03	
Toluene*	<0.050	0.050	09/08/2022	ND	2.04	102	2.00	8.35	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.01	100	2.00	7.48	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.20	103	6.00	7.96	
Total BTEX	<0.300	0.300	09/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	09/09/2022	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	09/09/2022	ND	208	104	200	2.48	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	199	99.3	200	5.39	
EXT DRO >C28-C36	<10.0	10.0	09/09/2022	ND					
Surrogate: 1-Chlorooctane	72.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	81.7	% 46.3-17	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

Project Manager: Conner Moehning Company Name: Carmona Resources Address: 310 W Wall St Ste 415 City, State ZIP: Midland, TX 79701 Phone: 432-813-6823 Project Name: 432-813-6823 Project Number: 10 Project Number: 10 Sample Custody Seals: Yes Cooler Custody Seals: Yes CS-29 (3.5) 9/8 CS-31 (3.5) 9/8 CS-32 (3.5) 9/8 CS-33 (3.5) 9/8 CS-37 (4') 9/8 Email to: Mike Carmona Mcarmona@ Relin	r Moehning na Resources Wall St Ste 415 13-6823 Temp Blank: Yes No Yes No Yes No Yes No Yes No N/A Temperature Rea Second State Com #744-745 Lea Co, NM GPJ Temperature Rea Second State Com #744-745 IO85 Temperature Rea Second State Com #744-745 IO85 Temperature Rea Second State Com #744-745 IO85 Temperature Rea Second State Com #744-745 IO85 Thermometer ID: Correction Factor Second State Com #744-745 IO85 Thermometer ID: Temperature Rea Second State Com #744-745 IO85 Thermometer ID: IO85	Yes No We Ves No Due D Thermometer ID: Correction Factor: Corrected Temperature: Corrected Temperature: Time total Time total Vestart total	Email:	Bill to: (d'affevent) Todd Weils 5	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Todd Weils EOG Resources 5509 Champions Dr. 5509 Champions Dr. 6509 Champions Dr. 6509 Champions Dr. 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 8	Com X	ANALYSIS REQUEST	ed by: (Signat		mple Co
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		er Moehring(Water Co	900	0.10	-0.60		Yes NO			24 hrs.	I Rush	Turn Around	Email: Todd Wells@eogresources.com	City, State ZIP	Address:	Company Name	Bill to: (if different)	Rill for 14 different	
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Received by OCD: 10/17/2022 4:22:18 PM Jr 0, F WW

	Conner Moehring Carmona Resources 310 W Wall St Ste 415 Midland, TX 79701 432-813-6823 Mamba 30 State 108	S 1 7 8 8	744-745	Email:	Company Name: EOG Re Address: 5509 Ch City, State ZIP: Midland, Imail: Todd Vells@eogresources.com Turn Around Pres. Rush	Deogreso Code	5509 Midla urces.cc	5509 Champions Dr. Midland, Texas 7970 <u>Xes.com</u>	5509 Champions Dr. Midland, Texas 79706 2es.com	_	ANALY		State of Project: Reporting:Level II Level III Deliverables: EDD QUEST	Program: UST/PST State of Project: Reporting:Level II Deliverables: EDD Deliverables: EDD
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	Relinquished by: (Signature)	onaresources.												Time	Concerne i compensaria	Corrected Terr	Temperature Reading:	Correction Factor:	Thermometer	Vac No					#744-745							
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															San	VaOH+A	In Acetat	Na ₂ S ₂ O ₃ : NaSO ₃	NaHSO4: NABIS	H ₃ PO ₄ : HP	H ₂ SO ₄ : H ₂	HCL: HC	Cool: Cool	None: NO	Pres		[lds	mment	
															nple Co	SCOIDIC A	Zn Acetate+NaOH: Zn	NaSO ₃	NABIS	P					ervativ	Curoi.	ň	RRP		ິ	4	
	Date/Time	-													Sample Comments	NaOH+Ascorbic Acid: SAPC	Zn				NaOH: Na	HNO3: HN	MeOH: Me	DI Water: H ₂ O	Preservative Codes			Level IV		perfund		
																								120							P	age



September 12, 2022

CONNER MOEHRING CARMONA RESOURCES 310 W WALL ST SUITE 415 MIDLAND, TX 79701

RE: MAMBA 30 STATE COM #744 - 745

Enclosed are the results of analyses for samples received by the laboratory on 09/09/22 14:00.

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 CONNER MOEHRING 310 W WALL ST SUITE 415 MIDLAND TX, 79701 Fax To:

Received:	09/09/2022	Sampling Date:	09/09/2022
Reported:	09/12/2022	Sampling Type:	Soil
Project Name:	MAMBA 30 STATE COM #744 - 745	Sampling Condition:	Cool & Intact
Project Number:	1085	Sample Received By:	Tamara Oldaker
Project Location:	EOG - LEA CO., NM		

Sample ID: SW - 8 (4') (H224158-01)

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	09/10/2022	ND	2.07	104	2.00	3.84	
Toluene*	<0.050	0.050	09/10/2022	ND	2.01	101	2.00	2.93	
Ethylbenzene*	<0.050	0.050	09/10/2022	ND	1.98	99.0	2.00	3.73	
Total Xylenes*	<0.150	0.150	09/10/2022	ND	6.08	101	6.00	3.86	
Total BTEX	<0.300	0.300	09/10/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
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	09/12/2022	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10*	<10.0	10.0	09/10/2022	ND	211	105	200	2.08	
DRO >C10-C28*	<10.0	10.0	09/10/2022	ND	212	106	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	09/10/2022	ND					
Surrogate: 1-Chlorooctane	89.7	% 45.3-16	51						
Surrogate: 1-Chlorooctadecane	91.4	% 46.3-17	0						

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

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0.		10/17/2022 4: Email to: Mike Carmona Mcarmona@carmonaresources.com and Conner Moehring@carmonaresources.com			SW-8 (4')	Sample Identification	Total Containers:	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO #.	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone: 43	City, State ZIP: M	Address: 3	Company Name: C	Project Manager. C	
0	Relin	iona Mcarmona				cation		Yes No	Yes No	Yes No	Temp Blank:			Le		Mamba 30 State Com #744-745	432-813-6823	Midland, TX 79701	310 W Wall St Ste 415	Carmona Resources	Conner Moehring	
4	quished by	@carmona			9/9/2022	Date		MA	NO (NIA)	No	slank:		GPJ	Lea Co, NM	1085	State Com #			415	Sec		
	Relinquished by: (Signature)	resources.cc				Time	Corrected Temperature	Temperature Reading:	Correction Factor	Thermometer ID:	Yes No					\$744-745						
		om and Conne			×	Soil	perature:	eading:	or	191	Wet Ice:			Due Date:	Routine	Tur	Email:					
		er Moehring@c			c	Water Comp	3.42	4.0 2	10.60	113	Yes No			24 hrs	Rush	Turn Around	iit: Todd Wells@	City. State ZIP	Address	Company Name	Bill to: (if different)	
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22 1	Date/Time	sources			×			-	TEX :	_		_	_				urces.com	Midland	5509 C	EOG R	Todd Wells	
1400	le	LCOM			×	TP	H 801		GRG	-		+ MI	20)	-	_		n	Midland, Texas 79706	5509 Champions Dr.	EOG Resources	Vells	
Jamara V	A Rea															ANALYSIS REQUEST		79706	s Dr.			
Mala Mala	deiwed by: (Signature)															QUEST	Deliverables: EDD	Reporting:Level II Level III	State of Project:	Program: UST/PST PRP Frownfields	Work O	
	Date/Time					Sample Comments	NaOH+Ascorbic Acid; SAPC	Zn Acetate+NaOH: Zn	Na-S-O-: NaSO-	NaHSO - NARIS	H-PO_: HP		Q		None: NO DI Water H.O	Preservative Codes	ADaPT Other.	ST/UST RRP Level IV	(Frownfields RC Deerfund	\$	• Page 1 of

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

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

District III

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

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

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

CONDITIONS

Operator:	OGRID:
EOG RESOURCES INC	7377
P.O. Box 2267	Action Number:
Midland, TX 79702	151427
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By		Condition Date
jnobui	Closure Report Approved.	11/4/2022