

SITE INFORMATION

Closure Report SRO State Com #45 (03.18.22) Incident #: NAPP2209137585 Eddy County, New Mexico Unit B Sec 17 T26S R28E 32.049443°, -104.107077°

Crude Oil Release

Point of Release: Due to an overflowing compressor

Release Date: 03/18/2022

Volume Released: 5.2 barrels of Crude Oil Volume Recovered: 3.5 barrels of Crude Oil

CARMONA RESOURCES



Prepared for: Concho Operating, LLC 15 West London Road, Loving, New Mexico 88256

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



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APPENDIX A

July 26, 2022

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

Re: Closure Report

SRO State Com #45 Concho Operating, LLC

Site Location: Unit B, S17, T26S, R28E (Lat 32.04911°, Long -104.10708°) Eddy County, New Mexico

Mr. Bratcher:

On behalf of Concho Operating, LLC (COG), Carmona Resources, LLC has prepared this letter to document site assessment activities. The site is located at 32.04911, -104.10708 within Unit B, S17, T26S, R28E, and in Eddy County, New Mexico (Figures 1 and 2).

1.0 Site information and Background

Based on the initial C-141s obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on March 18, 2022, caused by an overflowing compressor. It released approximately 5.2 barrels of crude oil, and 3.5 barrels were recovered. The impacted area is shown in Figures 3A and 3B. The initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a medium karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water source is within a 0.50-mile radius of the location. The nearest identified well is approximately 0.61 miles Southeast of the site in S18, T26S, R28E and was drilled in 1998. The well has a reported depth to groundwater of 16.35' feet below the ground surface (ft bgs). A copy of the associated Summary Report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

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

4.0 Site Assessment Activities

South Spill

On March 24, 2022, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of three (8) sample points (S-1 through S-8) and ten (10) horizontal sample points (H-1 through H-10) were installed to total depths ranging from surface to 2.5 ft (feet) below the surface. Soil samples were collected and submitted to the laboratory for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 4500. Copies of laboratory

analysis and chain-of-custody documentation are included in Appendix E. The sample locations are shown in Figures 3A and 3B.

North Spill

On May 7, 2022, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of three (3) sample points (S-1 through S-3) and four (4) horizontal sample points (H-1 through H-4) were installed to total depths ranging from surface to 18 (inches) below the surface. Soil samples were collected and submitted to the laboratory for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The sample locations are shown in Figures 3A and 3B.

In Table 1A and 1B, vertical delineation was not achieved during the assessment due to a dense geological formation. Horizontal delineation was achieved.

5.0 Remediation Activities

Carmona Resources personnel were on site from June 14-24th, 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 June 13 and June 20th, 2022, per Subsection D of 19.15.29.12 NMAC. See Appendix C.

South Spill

Referring to Figures 3A and 4A, the areas of S-1 through S-3 were excavated to a depth of 3.0' below the surface to remove all the impacted soils. The areas of S-4, S-5, and S-7 were excavated to a depth of 2.5' below the surface. The area of S-6 was excavated to a depth of 2.0' below the surface, and the area of S-8 was excavated to a depth of 1.0' below the surface to remove all the impacted soils. A total of seventeen (17) floor confirmation samples were collected (CS-1 through CS-17) and twenty-four (24) sidewall samples (SW-1 through SW-24). All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0/4500. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figures 4A sheets 1 and 2.

Referring to Table 2A, the areas of confirmation samples (CS-13 and CS-14) and sidewall samples (SW-4, SW-5, SW-9, SW-12, SW-13, SW-14, SW-16, and SW-18) showed high TPH concentrations. In addition, those areas were excavated vertically and horizontally an additional 0.5 inches, respectively, to ensure the proper removal of contaminated soils.

North Spill

Referring to Figures 3B and 4B, the areas of S-1 through S-3 were excavated to a depth of 3.0' below the surface to remove all the impacted soils. A total of nine (9) floor confirmation samples (CS-1 through CS-9) and five (5) sidewall samples (SW-1 through SW-5) were collected. All samples were collected every 200 square feet to ensure the proper removal of the contaminated soils.

All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0/4500. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figures 4A and 4B.

All final confirmation samples were below the regulatory requirements for TPH, BTEX, and chloride. Refer to Table 2A and 2B.

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 440 cubic yards of material were excavated and transported offsite for proper disposal.

310 West Wall Street, Suite 415 Midland TX, 79701 432.813.1992



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 COG 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

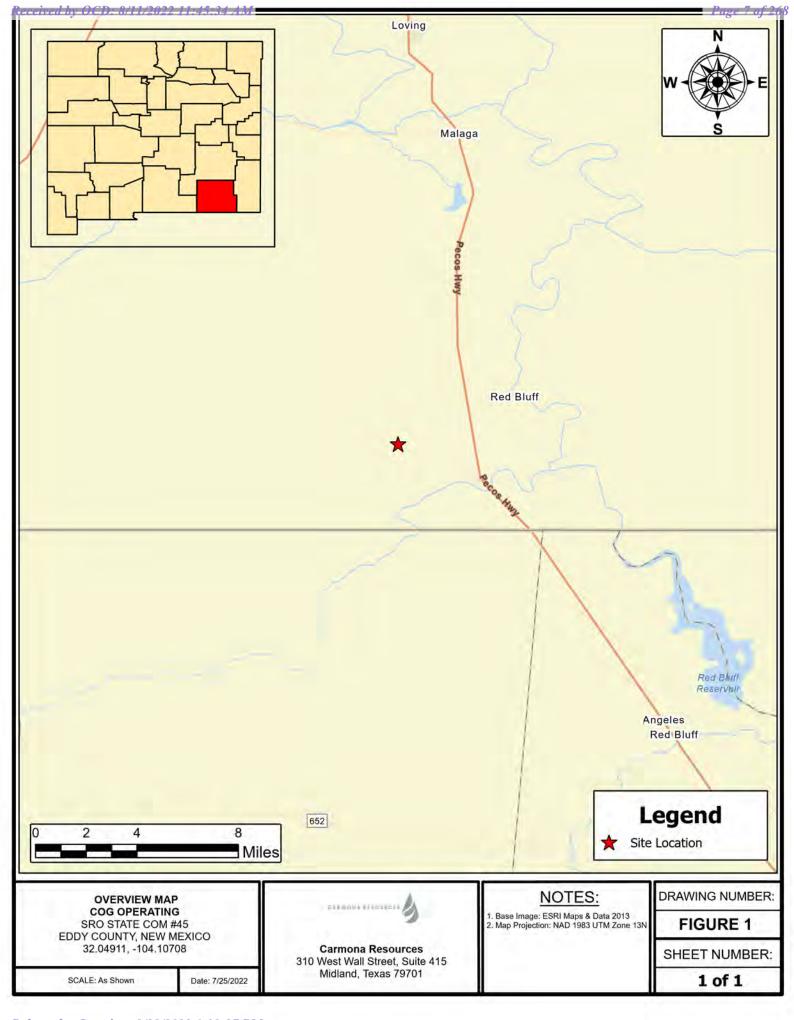
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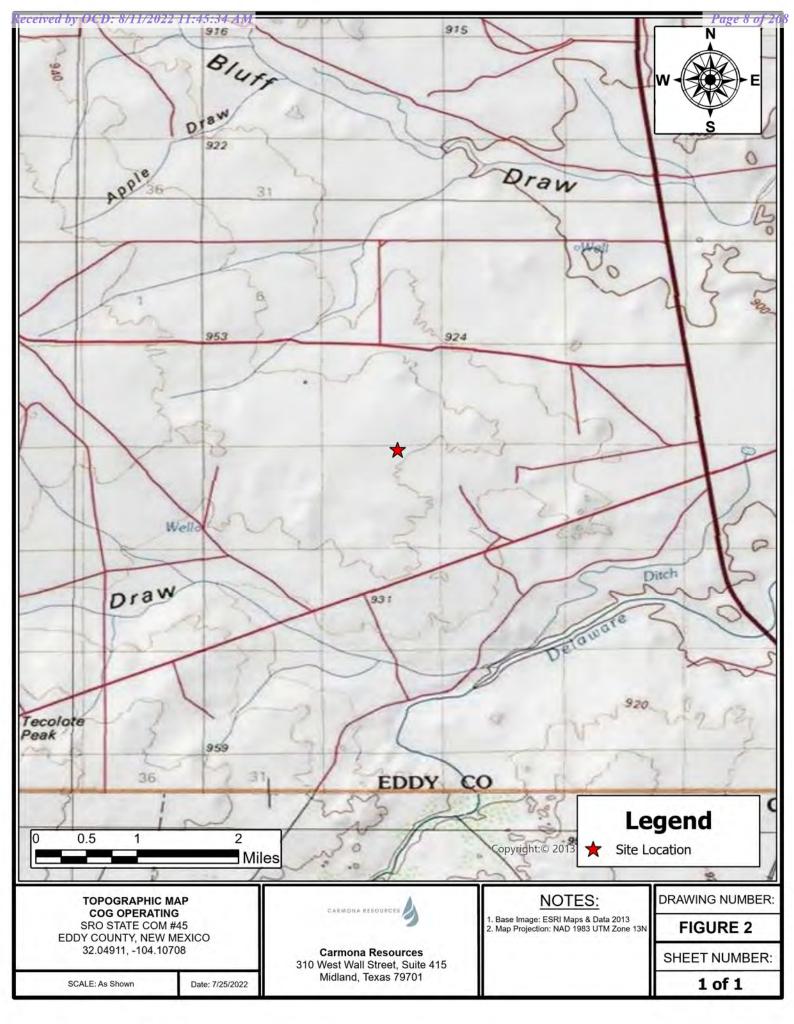
Sr. Project Manager

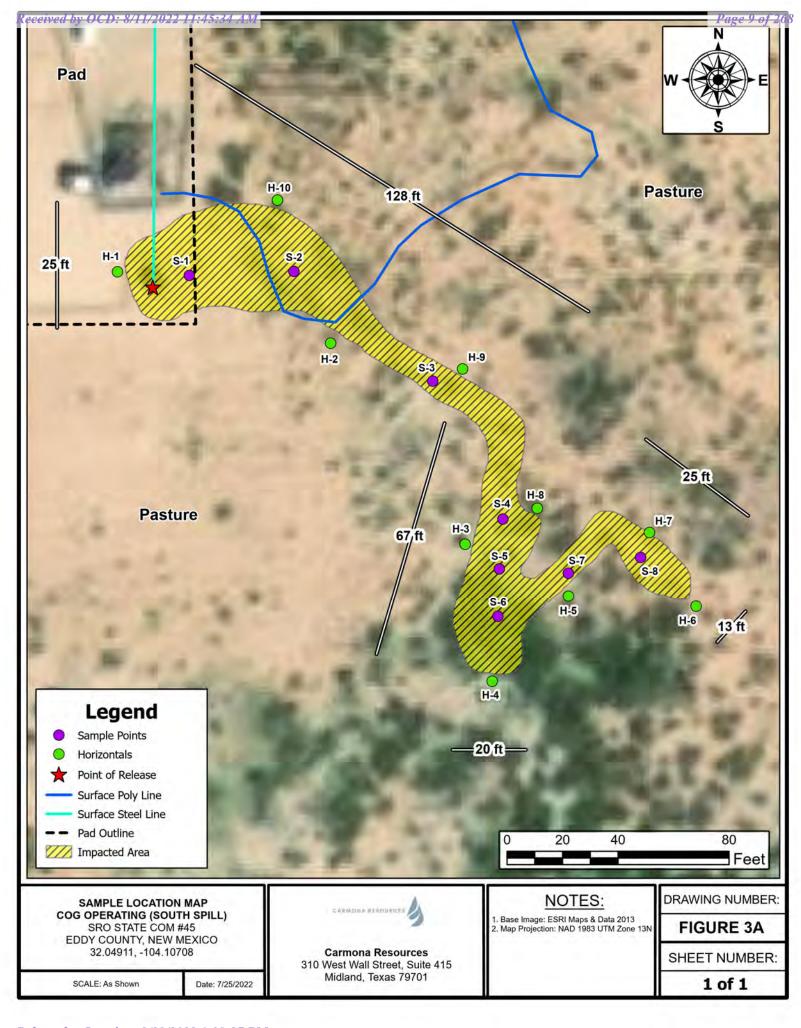
Conner Moehring Sr. Project Manager

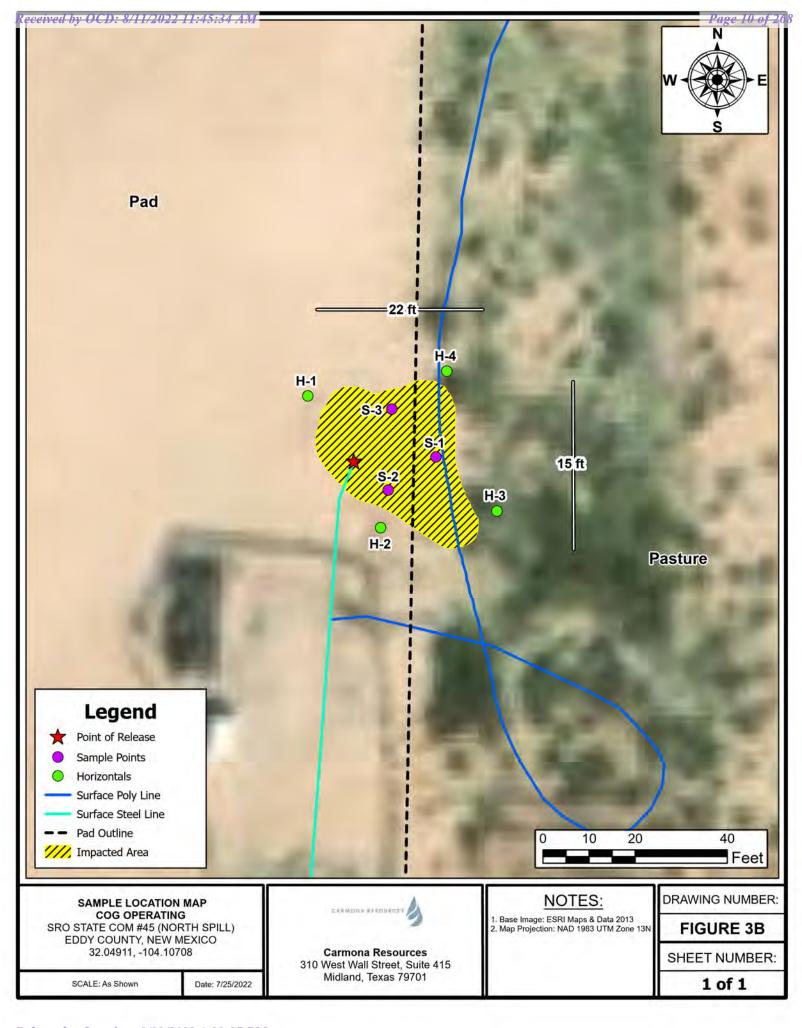
FIGURES

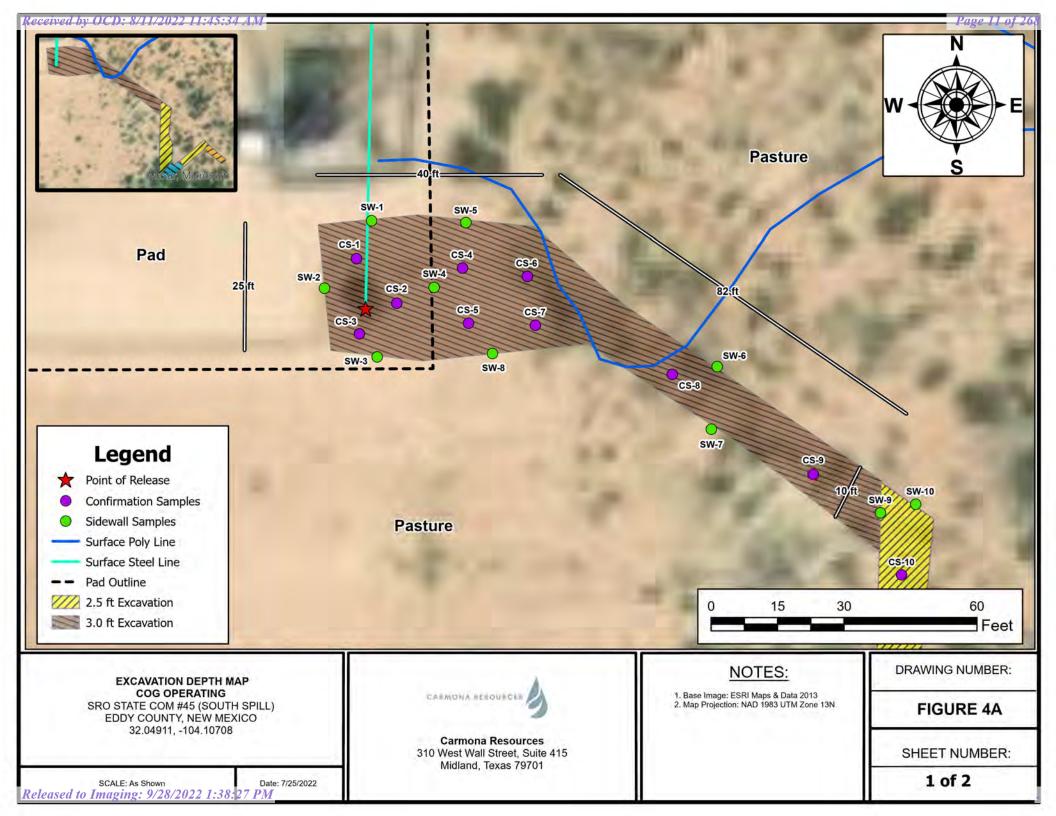
CARMONA RESOURCES

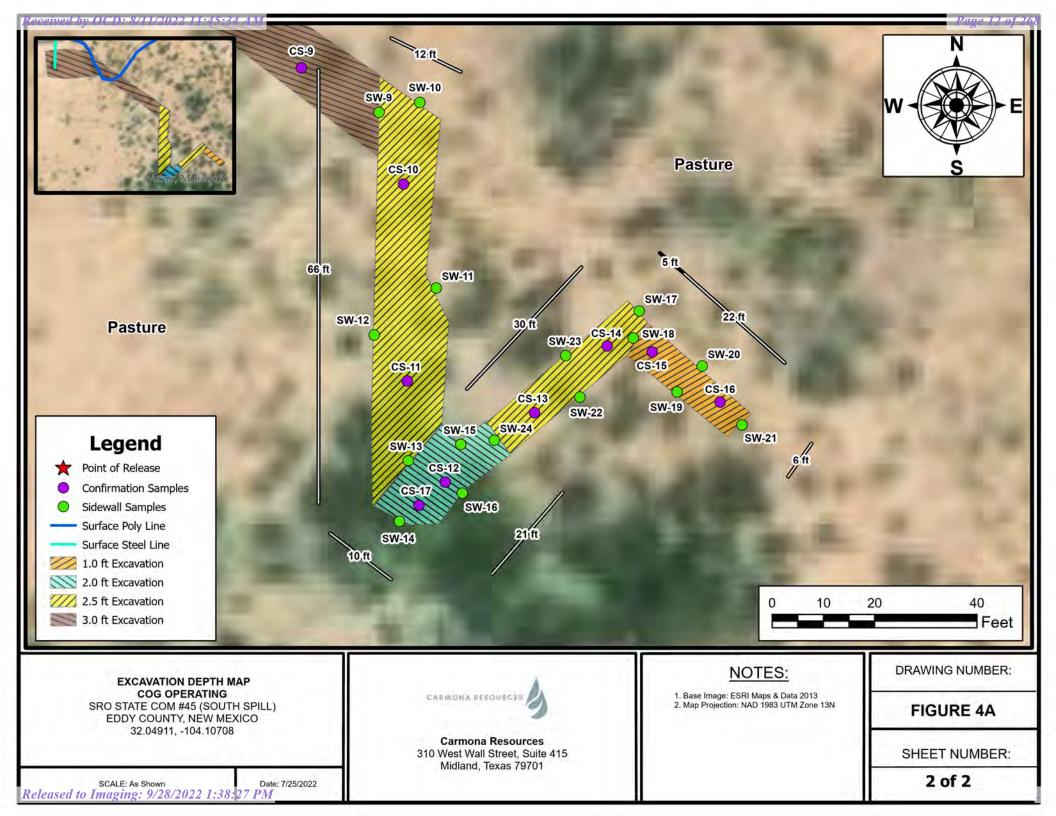


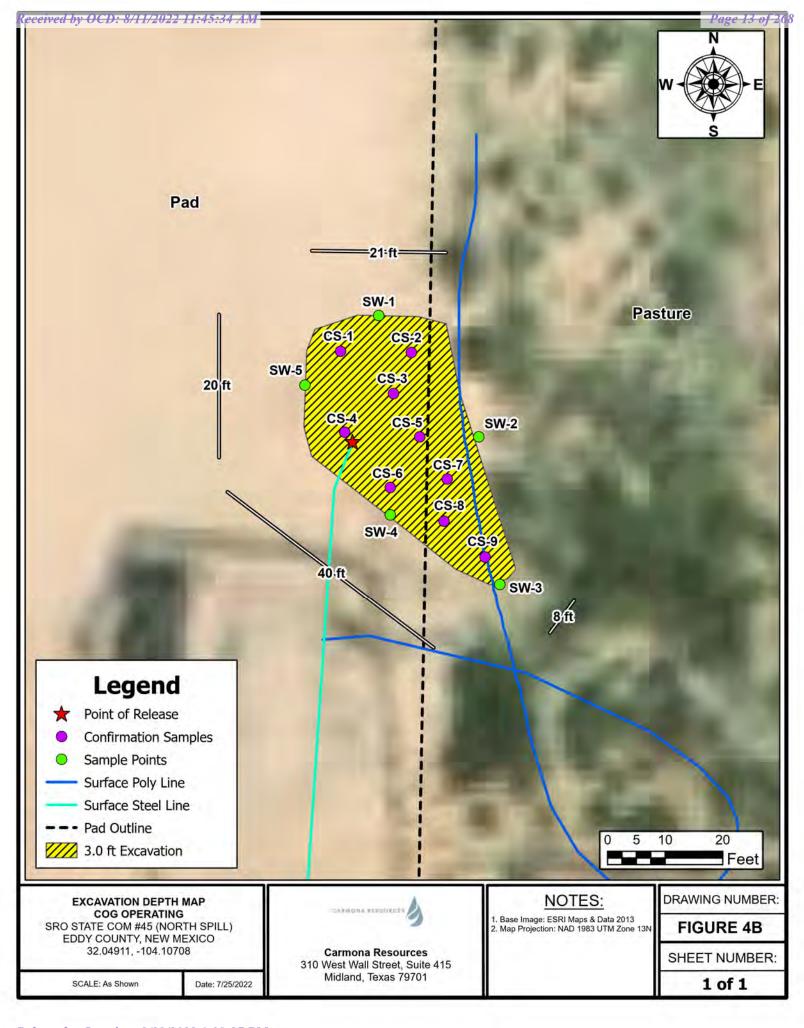












APPENDIX A

CARMONA RESOURCES

Table 1A COG SRO State Com #45 (South Spill) Eddy County, New Mexico

Comple ID	Data	Donth (ft)			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)
	3/24/2022	0-0.5	30,900	26,400	4,450	61,750	207	626	92.6	813	1,740	176
S-1	"	1.0	95	414	261	770	0.858	2.89	0.527	4.44	8.72	160
	"	1.5	30	289	251	570	0.074	0.419	<0.050	0.501	0.994	144
	3/24/2022	0-0.5	35,400	26,800	4,320	66,520	183	605	87.6	896	1,770	80.0
S-2	"	1.0	26,700	22,100	3,690	52,490	143	497	75.6	732	1,450	176
"-	"	2.0	21.2	85.9	62.8	170	<0.050	0.131	0.066	0.698	0.895	112
		2.5	<10.0	<10.0	<10.0	<10.0	0.396	0.437	<0.050	0.202	1.04	48.0
	3/24/2022	0-0.5	31,700	26,100	4,640	62,440	171	557	85.0	840	1,650	240
S-3	"	1.0	27,400	21,500	3,770	52,670	182	553	79.2	753	1,570	80.0
	"	1.5	31,700	27,400	4,620	63,720	181	563	79.9	773	1,600	80.0
	"	2.5	10.9	<10.0	<10.0	<10.0	0.588	0.700	<0.050	0.393	1.68	32.0
	3/24/2022	0-0.5	29,700	26,700	2,950	59,350	170	536	75.5	763	1,540	720
S-4	"	1.0	31,400	28,100	2,940	62,440	204	587	78.3	779	1,650	32.0
	"	1.5	14,700	15,100	1,460	31,260	56.5	234	36.8	373	701	16.0
		2.0	24.2	21.6	<10.0	45.8	0.644	0.832	0.055	0.494	2.02	<16.0
S-5	3/24/2022	0-0.5	8,800	11,600	1,180	21,580	9.99	135	29.3	325	499	16.0
		1.0	184	635	67.4	886	0.137	2.54	1.17	13.0	16.9	<16.0
	3/24/2022	0-0.5	34,500	33,500	3,590	71,590	130	471	69.3	736	1,410	48.0
S-6	"	1.0	30,400	27,500	3,000	60,900	136	444	61.8	650	1,290	64.0
	"	1.5	17.1	11.5	<10.0	28.6	0.591	0.691	0.062	0.601	1.95	<16.0
	3/24/2022	0-0.25	34,600	30,200	3,360	68,160	171	526	71.1	757	1,530	32.0
S-7	"	0.5	32,800	29,200	3,010	65,010	168	493	66.8	709	1,440	32.0
	"	1.0	28,800	25,400	2,520	56,720	147	463	60.4	650	1,320	<16.0
	"	1.5	10.2	<10.0	<10.0	10.2	0.157	0.328	<0.050	0.157	0.642	32.0
S-8	3/24/2022	0-0.25	18,100	27,200	3,120	48,420	36.0	283	54.9	594	967	<16.0
	"	0.5	15.2	<10.0	<10.0	15.2	0.121	0.77	0.084	0.731	1.71	<16.0
H-1	3/24/2022	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-2	3/24/2022	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-3	3/24/2022	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-4	3/24/2022	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-5	3/24/2022	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-6	3/24/2022	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-7	3/24/2022	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-8	3/24/2022	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-9	3/24/2022	0-0.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-10	3/24/2022	0-0.5	<10.0	<10.0	<10.0	<10.0	0.272	0.333	<0.050	<0.150	0.740	<16.0
	ory Criteria ^A					100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg
(-) Not	Analyzed											

^A – Table 1 - 19.15.29 NMAC

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

ft-feet

(S) Sample Point

(H) Horizontal

Table 1B COG SRO State Com #45 (North Spill) Eddy County, New Mexico

0	Dete	Davida (in)	TPH (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride		
Sample ID	Date	Depth (in)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
S-1	5/7/2022	0-6	8,040	8,500	746	17,300	0.573	0.216	0.263	9.96	0.522	428
J-1	"	18	5,550	7,260	651	13,500	0.388	2.77	0.186	8.19	0.574	330
S-2	5/7/2022	0-3	4,060	13,200	1,260	18,500	0.0390	0.304	0.162	17.3	0.824	436
S-3	5/7/2022	0-3	2,480	22,500	2,310	27,300	0.00859	0.103	0.215	16.9	0.327	229
H-1	5/7/2022	0-3	<49.9	<49.9	<49.9	<49.9	<0.00202	0.00341	0.0016	0.0151	0.0185	88.1
H-2	5/7/2022	0-3	<49.9	<49.9	<49.9	<49.9	0.00731	<0.00201	<0.00201	0.00731	0.0115	87.1
H-3	5/7/2022	0-3	<50.0	<50.0	<50.0	<50.0	<0.00200	0.00328	<0.00200	<0.00399	<0.00399	75.2
H-4	5/7/2022	0-3	<49.9	<49.9	<49.9	<49.9	<0.00200	0.00273	<0.00200	<0.00401	<0.00401	71.9
	ry Criteria A					100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

in-inches

(S) Sample Point

(H) Horizontal

Table 2A
COG
SRO State Com #45 (South Spill)
Eddy County, New Mexico

Committe ID	Dete	D = 114 (54)		ТРН	(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	6/15/2022	3.0	<50.0	<50.0	<50.0	<50.0	0.00421	0.0231	0.00409	0.0287	0.0601	100
CS-2	6/15/2022	3.0	<49.9	<49.9	<49.9	<49.9	0.00574	0.0315	0.00497	0.0338	0.0760	89.4
CS-3	6/15/2022	3.0	<49.9	<49.9	<49.9	<49.9	0.00477	0.0251	0.00430	0.0355	0.0697	205
CS-4	6/22/2022	3.0	<10.0	<10.0	<10.0	<10.0	<0.50	<0.50	<0.50	<0.0150	<0.300	64.0
CS-5	6/22/2022	3.0	<10.0	<10.0	<10.0	<10.0	<0.50	<0.50	<0.50	<0.0150	<0.300	64.0
CS-6	6/22/2022	3.0	<10.0	<10.0	<10.0	<10.0	<0.50	<0.50	<0.50	<0.0150	<0.300	64.0
CS-7	6/22/2022	3.0	<10.0	<10.0	<10.0	<10.0	<0.50	<0.50	<0.50	<0.0150	<0.300	48.0
CS-8	6/22/2022	3.0	<10.0	34.3	<10.0	34.3	<0.50	<0.50	<0.50	<0.0150	<0.300	16.0
CS-9	6/22/2022	3.0	<10.0	34.5	<10.0	34.5	<0.50	<0.50	<0.50	<0.0150	<0.300	32.0
CS-10	6/22/2022	2.5	<10.0	<10.0	<10.0	<10.0	<0.50	<0.50	<0.50	<0.0150	<0.300	112
CS-11	6/22/2022	2.5	<10.0	<10.0	<10.0	<10.0	<0.50	<0.50	<0.50	<0.0150	<0.300	32.0
CS-12	6/22/2022	2.0	<10.0	11.0	<10.0	11.0	<0.50	<0.50	<0.50	<0.0150	<0.300	16.0
CS-13	6/22/2022	2.0	27.3	2,000	316	2,343	<0.50	<0.50	<0.50	<0.0150	<0.300	80.0
00-10	6/24/2022	2.5	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	10.7
CS-14	6/22/2022	2.0	<10.0	187	30.5	217.5	<0.50	<0.50	<0.50	<0.0150	<0.300	48.0
33 14	6/24/2022	2.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	10.0
CS-15	6/22/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.50	<0.50	<0.50	<0.0150	<0.300	16.0
CS-16	6/22/2022	1.0	<10.0	25.7	<10.0	25.7	<0.50	<0.50	<0.50	<0.0150	<0.300	48.0
CS-17	6/24/2022	2.0	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	12.3
	ry Criteria ^A					100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

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

ft-Feet

(CS) Confirmation Sample

Table 2A COG SRO State Com #45 (South Spill) **Eddy County, New Mexico**

Sample ID	Date	Donth (ft)		TPH	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SW-1	6/15/2022	3.0	<49.9	<49.9	<49.9	<49.9	0.0165	0.0706	0.00991	0.0623	0.159	36.6
SW-2	6/15/2022	3.0	<49.9	<49.9	<49.9	<49.9	0.0128	0.0580	0.00810	0.0519	0.131	51.8
SW-3	6/15/2022	3.0	<50.0	<50.0	<50.0	<50.0	0.0140	0.0579	0.00825	0.0536	0.134	56.7
SW-4	6/22/2022	2.0	396	1,230	517	2,143	0.100	3.27	1.60	17.1	22.1	320
	6/24/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	11.9
SW-5	6/22/2022	3.0	10.9	145	<10.0	155.9	<0.050	<0.050	<0.050	0.253	<0.300	48.0
	6/24/2022	3.2	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	15.4
SW-6	6/22/2022	3.0	<10.0	97.9	<10.0	97.9	<0.50	<0.50	<0.50	<0.0150	<0.300	48.0
SW-7	6/22/2022	3.0	<10.0	<10.0	<10.0	<10.0	<0.50	<0.50	<0.50	<0.0150	<0.300	112
SW-8	6/22/2022	3.0	<10.0	<10.0	<10.0	<10.0	<0.50	<0.50	<0.50	<0.0150	<0.300	128
SW-9	6/22/2022	0.5	520	1,830	284	2,634	0.105	3.47	1.65	17.5	22.7	336
	6/24/2022	0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	14.7
SW-10	6/22/2022	2.5	<10.0	<10.0	<10.0	<10.0	<0.50	<0.50	<0.50	<0.0150	<0.300	48.0
SW-11	6/22/2022	2.5	<10.0	<10.0	<10.0	<10.0	<0.50	<0.50	<0.50	<0.0150	<0.300	80.0
SW-12	6/22/2022	2.5	10.5	600	71.0	681.5	<0.50	<0.50	<0.50	<0.0150	<0.300	80.0
011 12	6/24/2022	2.5	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	25.1
SW-13	6/22/2022	0.5	<10.0	123	<10.0	123	<0.50	<0.50	<0.50	<0.0150	<0.300	96.0
	6/24/2022	0.5	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	19.4
SW-14	6/22/2022	2.0	67.8	1,500	205	1,773	<0.050	<0.050	<0.050	0.561	0.561	32.0
	6/24/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	0.00649	0.00649	15.4
SW-15	6/22/2022	2.0	<10.0	<10.0	<10.0	<10.0	<0.50	<0.50	<0.50	<0.0150	<0.300	48.0
SW-16	6/22/2022	2.0	<10.0	317	40.8	357.8	<0.50	<0.50	<0.50	0.193	<0.300	48.0
	6/24/2022	2.0	96.4	<50.0	<50.0	96.4	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	36.9
SW-17	6/22/2022	2.0	<10.0	<10.0	<10.0	<10.0	<0.50	<0.50	<0.50	<0.0150	<0.300	48.0
SW-18	6/22/2022	1.0	10.1	368	51.5	429.6	<0.50	<0.50	<0.50	0.308	0.308	32.0
	6/24/2022	1.5	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	13.8
SW-19	6/22/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.50	<0.50	<0.50	<0.0150	<0.300	48.0
SW-20	6/22/2022	1.0	<10.0	17.9	<10.0	17.9	<0.50	<0.50	<0.50	<0.0150	<0.300	32.0
SW-21	6/22/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.50	<0.50	<0.50	<0.0150	<0.300	16.0
SW-22	6/24/2022	2.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	0.00404	0.00404	15.2
SW-23	6/24/2022	2.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	12.7
SW-24	6/24/2022	0.5	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	0.00765	0.00765	12.4
	ry Criteria ^A					100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg
(-) Not	Analyzed											

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

TPH- Total Petroleum Hydrocarbons

ft-Feet (SW) Sidewall

Table 2B COG SRO State Com #45 (North Spill) Eddy County, New Mexico

Cample ID	Date	Donth (ft)		ТРН	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
CS-1	6/15/2022	3.0	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	172
CS-2	6/15/2022	3.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	164
CS-3	6/15/2022	3.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	239
CS-4	6/15/2022	3.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	41.7
CS-5	6/15/2022	3.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	101
CS-6	6/15/2022	3.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	106
CS-7	6/15/2022	3.0	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	47.6
CS-8	6/15/2022	3.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	106
CS-9	6/15/2022	3.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	45.0
SW-1	6/15/2022	3.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	25.2
SW-2	6/15/2022	3.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	27.0
SW-3	6/15/2022	3.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	29.1
SW-4	6/15/2022	3.0	<49.9	87.6	<49.9	87.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	34.5
SW-5	6/15/2022	3.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	25.7
	ry Criteria A					100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

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

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

(SW) Sidewall

APPENDIX B

CARMONA RESOURCES

Concho Operating, LLC

Photograph No. 1

Facility: SRO State Com #45

County: Eddy County, New Mexico

Description:

View South, area of South spill area of concern.



Photograph No. 2

Facility: SRO State Com #45

County: Eddy County, New Mexico

Description:

View Southwest, area of South Spill area of concern.



Photograph No. 3

Facility: SRO State Com #45

County: Eddy County, New Mexico

Description:

View Northwest, area of South Spill area of concern.





Concho Operating, LLC

Photograph No. 4

Facility: SRO State Com #45

County: Eddy County, New Mexico

Description:

View East, area of confirmation samples (CS-1 through CS-3).



Photograph No. 5

Facility: SRO State Com #45

County: Eddy County, New Mexico

Description:

View North, area of confirmation samples (CS-1 through CS-3).



Photograph No. 6

Facility: SRO State Com #45

County: Eddy County, New Mexico

Description:

View Northwest, backfilled area of confirmation samples (CS-1 through CS-3).





Concho Operating, LLC

Photograph No. 7

Facility: SRO State Com #45

County: Eddy County, New Mexico

Description:

View Northwest, area of confirmation samples CS-4 through CS-8).



Photograph No. 8

Facility: SRO State Com #45

County: Eddy County, New Mexico

Description:

View Southeast, area of confirmation samples (CS-4 through CS-9).



Photograph No. 9

Facility: SRO State Com #45

County: Eddy County, New Mexico

Description:

View Southeast, area of confirmation samples (CS-8 through CS-9).





Concho Operating, LLC

Photograph No. 10

Facility: SRO State Com #45

County: Eddy County, New Mexico

Description:

View Northeast, area of confirmation samples (CS-10 through CS-12).



Photograph No. 11

Facility: SRO State Com #45

County: Eddy County, New Mexico

Description:

View East, area of confirmation samples (CS-12 and CS-17).



Photograph No. 12

Facility: SRO State Com #45

County: Eddy County, New Mexico

Description:

View North, area of confirmation samples (CS-13 through CS-14).





Concho Operating, LLC

Photograph No. 13

Facility: SRO State Com #45

County: Eddy County, New Mexico

Description:

View Northwest, area of confirmation samples (CS-15 through CS-16).



Photograph No. 14

Facility: SRO State Com #45

County: Eddy County, New Mexico

Description:

View Northwest, backfilled and seeded area.



Photograph No. 15

Facility: SRO State Com #45

County: Eddy County, New Mexico

Description:

View Southeast, backfilled and seeded area.





Concho Operating, LLC

Photograph No. 16

Facility: SRO State Com #45

County: Eddy County, New Mexico

Description:

View Southeast, area of North Spill area of concern.



Photograph No. 17

Facility: SRO State Com #45

County: Eddy County, New Mexico

Description:

View South, area of North Spill area of concern.



Photograph No. 18

Facility: SRO State Com #45

County: Eddy County, New Mexico

Description:

View Southeast, area of North Spill area of concern.





Concho Operating, LLC

Photograph No. 19

Facility: SRO State Com #45

County: Eddy County, New Mexico

Description:

View North, area of remediation.



Photograph No. 20

Facility: SRO State Com #45

County: Eddy County, New Mexico

Description:

View Northeast, area of remediation.



Photograph No. 21

Facility: SRO State Com #45

County: Eddy County, New Mexico

Description:

View Northwest, area of remediation.





Concho Operating, LLC

Photograph No. 22

Facility: SRO State Com #45

County: Eddy County, New Mexico

Description:

View East, area of confirmation samples (CS-1 through CS-9).



Photograph No. 23

Facility: SRO State Com #45

County: Eddy County, New Mexico

Description:

View East, area of confirmation samples (CS-1 through CS-9).



Photograph No. 24

Facility: SRO State Com #45

County: Eddy County, New Mexico

Description:

View Southeast, area of confirmation samples (CS-1 through CS-9).





Concho Operating, LLC

Photograph No. 25

Facility: SRO State Com #45

County: Eddy County, New Mexico

Description:

View Northwest, backfilled area.



Photograph No. 26

Facility: SRO State Com #45

County: Eddy County, New Mexico

Description:

View south, backfilled area.



Photograph No. 27

Facility: SRO State Com #45

County: Eddy County, New Mexico

Description:

View East, backfilled area.





APPENDIX C

CARMONA RESOURCES

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

State of New Mexico Energy Minerals and Natural Resources Department

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

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible	Party			OGRID						
Contact Nam	ne			Contact Te	Contact Telephone					
Contact ema	il			Incident #	Incident # (assigned by OCD)					
Contact mail	ing address			1						
			Location	of Release Se	ource					
.										
Latitude			(NAD 83 in de	Longitude _cimal degrees to 5 decin	nal places)					
Site Name				Site Type						
Date Release	Discovered			API# (if app	olicable)					
Unit Letter	Section	Township	Range	Cour	nty	7				
Crude Oi		l(s) Released (Select al Volume Release	ll that apply and attach	d Volume of l		e volumes provided below) overed (bbls)				
Produced	Water	Volume Release	ed (bbls)		Volume Reco	overed (bbls)				
		Is the concentrate produced water	tion of dissolved c >10,000 mg/l?	chloride in the	Yes 1	No				
Condensa	nte	Volume Release			Volume Reco	overed (bbls)				
Natural G	ias	Volume Release	ed (Mcf)		Volume Reco	overed (Mcf)				
Other (de	scribe)	Volume/Weight	Released (provide	e units)	Volume/Wei	ght Recovered (provide units)				
Cause of Rel	ease									

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Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by	ES, for what reason(s) does the responsible party consider this a major release?
19.15.29.7(A) NMAC?	
☐ Yes ☐ No	
If YES, was immediate notice §	given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
	Initial Response
The responsible party m	nust undertake the following actions immediately unless they could create a safety hazard that would result in injury
☐ The source of the release has	as been stopped.
☐ The impacted area has been	n secured to protect human health and the environment.
Released materials have be	en contained via the use of berms or dikes, absorbent pads, or other containment devices.
All free liquids and recover	rable materials have been removed and managed appropriately.
If all the actions described above	we have <u>not</u> been undertaken, explain why:
has begun, please attach a narr	ne responsible party may commence remediation immediately after discovery of a release. If remediation rative of actions to date. If remedial efforts have been successfully completed or if the release occurred a (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
	n given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and
public health or the environment. failed to adequately investigate and	ed to report and/or file certain release notifications and perform corrective actions for releases which may endanger. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have d remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In 141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws
Printed Name	Title:
Signature:	Date:
email:	
OCD Only	
Received by: Jocelyn Harir	mon Date: <u>04/01/2022</u>

Area

(sq. ft.)

100.000

80.000

4.000

0.000

0.000

0.000

0.000

0.000

0.000

0.000

Provide any known details about the event: Offsite compressor with bermed containment.

No. of boundaries Estimated Pool

of "shore" in each

area

Deepest point in

each of the

areas

(in.)

8.00

0.50

0.50

Convert Irregular shape

into a series of

rectangles

Rectangle A

Rectangle B

Rectangle C

Rectangle D

Rectangle E

Rectangle F Rectangle G

Rectangle H

Rectangle I

Length

(ft.)

10.0

8.0

8.0

Released to Imaging: 9/28/2022 1:38:27 PM

Width

(ft.)

10.0

10.0

0.5

Descinal In OCD, 9/11/2022/11/245224/11/4	L48 Spill Volume Estimate Form	NAPP2209137585@33:of 268 —
Received by OCD: 8/11/2022 11:45:34 AM ber: SRO St Com #45H		14/11 / 2200 10/194ge 33:01 208
Asset Area: DBW		

Asset Area:	DBW
Release Discovery Date & Time:	3/18/22 700

Estimated

Average

Depth

(ft.)

0.222

0.014

0.014

#DIV/0!

#DIV/0!

#DIV/0!

#DIV/0!

#DIV/0!

#DIV/0!

#DIV/0!

Release Type: Oil Mixture

Spill Calculation - On Pad Surface Pool Spill

Estimated volume

of each pool area

(bbl.)

3.956

0.198

0.010

#DIV/0!

#DIV/0!

#DIV/0!

#DIV/0!

#DIV/0!

#DIV/0!

#DIV/0!

Penetration

allowance

(ft.)

0.011

0.001

0.001

#DIV/0!

#DIV/0!

#DIV/0!

#DIV/0!

#DIV/0!

#DIV/0!

#DIV/0!

Total Volume Release:

Total Estimated

Volume of Spill

(bbl.)

4.000

0.198

0.010

#DIV/0!

#DIV/0!

#DIV/0!

#DIV/0!

#DIV/0!

#DIV/0!

#DIV/0!

4.207

Total Estimated

Volume of Spilled

Liquid other than

Oil (bbl.)

4.000

0.198

0.010

#DIV/0!

#DIV/0!

#DIV/0!

#DIV/0!

#DIV/0!

#DIV/0!

#DIV/0!

4.207

Total Estimated

Volume of Spilled

Oil (bbl.)

0.000

0.000

0.000

#DIV/0!

#DIV/0!

#DIV/0!

#DIV/0!

#DIV/0!

#DIV/0!

#DIV/0!

0.000

Percentage of Oil if

Spilled Fluid is a

Mixture

Page 34 of 268

Total Estimated

Volume of Spilled

Liquid other than Oil

(bbl.)

0.177

0.354

0.547

0.000

0.000

0.000

0.000

0.000

0.000

0.000

1.078

(1000)	
Release Type:	Oil Mixture
Provide any known details about the event:	Offsite compressor with bermed containment, some overflow went outside containment.
	Call Call Att. Call Call Day and Call Call Call Call Call Call Call Cal

Soil Spilled-Fluid Saturation

11.30%

11.30%

11.30%

Has it rained at least a half inch in the last 24 hours?

Width

(ft.)

8.0

8.0

8.0

Depth

(in.)

0.20

0.20

0.20

Length

(ft.)

66.0

132.0

204.0

Released to Imaging: 9/28/2022 1:38:27 PM

Convert Irregular shape

into a series of rectangles

Rectangle A

Rectangle B

Rectangle C

Rectangle D

Rectangle E

Rectangle F

Rectangle G

Rectangle H

Rectangle I

Provide any known details about the event:	Offsite compressor with bermed containment, some overflow went outside containment.	
Spill Calculation - Subsurface Spill - Rectangle		
14/ 25	Out of the state o	

r rovide any known details about the event. Offsite compresso	with befined containment, some overnow went outside containment.	
Spill Calculation - Subsurface Spill - Rectangle		
Was the release on pad or off-pad?	See reference table below	

See reference table below

Estimated volume of each area

(bbl.)

1.566

3.133

4.842

0.000

0.000

0.000

0.000

0.000

0.000

0.000

Total Volume Release:

Total Estimated

Volume of Spill

(bbl.)

0.177

0.354

0.547

0.000

0.000

0.000

0.000

0.000

0.000

0.000

1.078

Percentage of Oil if

Spilled Fluid is a

Mixture

Total Estimated

Volume of Spilled Oil

(bbl.)

0.000

0.000

0.000

0.000

0.000

0.000

0.000

0.000

0.000

0.000

0.000

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

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

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

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

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

CONDITIONS

Action 95257

CONDITIONS

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	95257
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By		Condition Date
jharimon	None	4/1/2022

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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 ½-mile of the lateral extents of the release Boring or excavation logs Photographs including date and GIS information Topographic/Aerial maps Laboratory data including chain of custody		

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.

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Incident ID	
District RP	
Facility ID	
Application ID	

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

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Incident ID

District RP

Facility ID

Application ID

Closure

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

Closure Report Attachment Checklist: Each of the following items 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 of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)						
☐ Laboratory analyses of final sampling (Note: appropriate ODC	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 certai may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and rer human health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regular restore, reclaim, and re-vegetate the impacted surface area to the coaccordance with 19.15.29.13 NMAC including notification to the Ocean compliance.	ntions. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in OCD when reclamation and re-vegetation are complete.					
Printed Name: Signature:	Title:					
Signature:	Date:					
email:	Telephone:					
OCD Only						
Received by:	Date:					
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.					
Closure Approved by:	Date:					
Printed Name:						

From: Mike Carmona

Sent: Monday, June 20, 2022 9:50 AM

To: OCD.Enviro@state.nm.us **Cc:** Harris, Jacqui; Ashton Thielke

Subject: SRO State Com #45 (03.18.22 and 04.01.22)

Good morning,

On behalf of COG, Carmona Resources will be collecting confirmation samples for the remainder of the spill at the below-referenced site for the at-risk remediation on 6/22/22 around 12 p.m. Mountain Time. Please let me know if you have any questions.

SRO State Com #45 (03.18.22 and 04.01.22) Sec 17 T26S R28E Unit B 32.049194 -104.107110 Eddy County, New Mexico

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



From: Mike Carmona

Sent: Monday, June 13, 2022 3:56 PM

To: OCD.Enviro@state.nm.us **Cc:** Harris, Jacqui; Ashton Thielke

Subject: COG SRO State Com #45 (03.28.22)

Good Morning,

On behalf of COG, Carmona Resources will be collecting confirmation samples at the below-referenced site for the at-risk remediation on 6/15/22 around 4:00 p.m. Mountain Time. Please let me know if you have any questions.

SRO State Com #45 (03.28.22) Sec 17 T26S R28E Unit B 32.049443°, -104.107077° Eddy County, New Mexico

Mike J. Carmona 310 West Wall Street, Suite 415 Midland TX, 79701 M: 432-813-1992

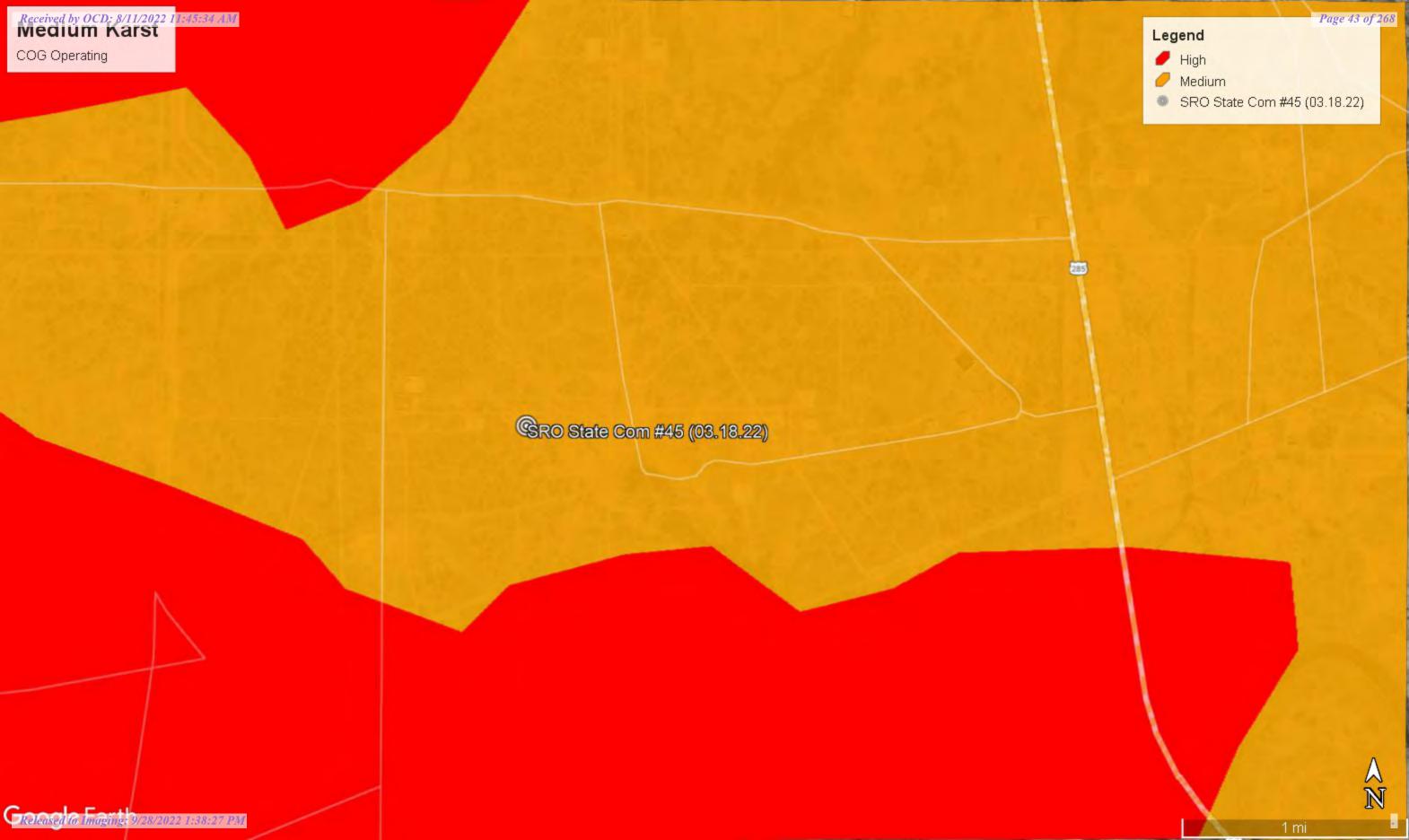
Mcarmona@carmonaresources.com



APPENDIX D

CARMONA RESOURCES





(In feet)



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

closed) (quarters are smallest to largest) (NAD83 UTM in meters)

water right me.)	cioseu)	(Yau	.5.5			.55. 10	largoot	(, .500	o i ivi ili iliotoloj		,	·/
	POD			_						. .:	D	NA / . / .
POD Number	Sub- Code basin (County	Q C			Tws	Rng	х	Υ	•	•	Water Column
C 01668	CUB	ED				26S		589957	3546554* 🎒	250	100	150
C 02160	CUB	ED	4 1	2	14	26S	28E	589243	3546044* 🌕	300	120	180
C 02160 S	CUB	ED	1 1	2	14	26S	28E	589043	3546244* 🌍	300	120	180
C 02160 S2	CUB	ED	1 1	2	14	26S	28E	589043	3546244* 🌕	300	120	180
C 02160 S3	CUB	ED	2 2	1	14	26S	28E	588834	3546241* 🌕	300	120	180
C 02160 S4	CUB	ED	2 2	1	14	26S	28E	588834	3546241* 🌕	300	120	180
C 02160 S5	CUB	ED	1 1	1	14	26S	28E	588225	3546237* 🌕	300	120	180
C 02160 S6	CUB	ED	3 3	1	14	26S	28E	588232	3545635* 🎒	300	120	180
C 02160 S7	CUB	ED	3 3	1	22	26S	28E	586638	3543998* 🌍	300	120	180
C 02160 S8	CUB	ED	2 3	3	12	26S	28E	590056	3546653* 🌕	200	120	80
C 02160 S9	CUB	ED	3 3	2	02	26S	28E	589020	3548868* 🌕	300	120	180
C 02477	CUB	ED	1	1	03	26S	28E	586687	3549347* 🌕	150		
<u>C 02478</u>	CUB	ED	2	1	05	26S	28E	583848	3549325* 🌕	100		
<u>C 02479</u>	CUB	ED	4	4	10	26S	28E	587909	3546534* 🌕	200		
C 02480	CUB	ED	4	4	10	26S	28E	587909	3546534* 🌕	150		
<u>C 02481</u>	CUB	ED	1	1	14	26S	28E	588326	3546138* 🌑	200		
C 02894	С	ED	2 2	3	12	26S	28E	590458	3547061* 🌑	240		
C 02924	С	ED	1 3	2	11	26S	28E	589032	3547451* 🎒			
C 04022 POD1	CUB	ED	4 4	2	15	26S	28E	588082	3545647 🎒	220	175	45
C 04022 POD2	CUB	ED	2 2	2	27	26S	28E	588106	3543082 🎒	250	145	105
C 04466 POD1	CUB	ED	3 3	2	29	26S	28E	584327	3542357 🎒	96	33	63

*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.

Average Depth to Water: 118 feet

Minimum Depth: 33 feet

Maximum Depth: 175 feet

Record Count: 21

PLSS Search:

Township: 26S Range: 28E



New Mexico Office of the State Engineer

Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number** Q64 Q16 Q4 Sec Tws Rng

X

C 02160 S7

22 26S 28E

586638 3543998*

Driller License:

Driller Company:

Driller Name:

HEMLER

Drill Start Date:

Drill Finish Date:

01/01/1961

300 feet

Plug Date:

Log File Date:

PCW Rcv Date:

Depth Well:

Source:

Shallow

Pump Type: Casing Size: Pipe Discharge Size:

Estimated Yield:

Depth Water:

120 feet

*UTM location was derived from PLSS - see Help

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

3/22/22 7:21 AM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number**

Q64 Q16 Q4 Sec Tws Rng

 \mathbf{X}

15 26S 28E 588082 3545647

Driller License: 1184 **Driller Company:**

WEST TEXAS WATER WELL SERVICE

Driller Name: KEITH, RONNY

C 04022 POD1

Drill Start Date: 05/01/2017 **Drill Finish Date:**

05/05/2017 **Plug Date:**

Log File Date:

06/05/2017

Water Bearing Stratifications:

PCW Rcv Date:

Source:

Shallow

Pump Type: Casing Size: Pipe Discharge Size:

Depth Well:

Estimated Yield: Depth Water:

1 GPM 175 feet

12.25

Top Bottom Description

220 feet

175

160

180 Sandstone/Gravel/Conglomerate

Casing Perforations:

Top **Bottom**

220

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.

3/22/22 7:19 AM

POINT OF DIVERSION SUMMARY



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 <u>USGS National Water Dashboard</u> interactive map to access real-time water data from over 13,500 stations nationwide.
- Full News

Groundwater levels for New Mexico

Click to hide state-specific text

* IMPORTANT: Next Generation Station Page

Search Results -- 1 sites found

Agency code = usgs

site_no list =

• 320230104060601

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 320230104060601 26S.28E.18.33111

Eddy County, New Mexico

Table of data

1998-01-22

Latitude 32°02'30", Longitude 104°06'06" NAD27

Land-surface elevation 3,070 feet above NAVD88

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Castile Formation (312CSTL) local aquifer.

Output formats

<u>ab-separat</u>	ed data									
Graph of da	<u>ta</u>									
teselect per	<u>riod</u>									
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 mease
1981-05-0	1	D	62610		3050.88	NGVD29	1	Z		
1981-05-0	1	D	62611		3052.48	NAVD88	1	Z		
1981-05-0	1	D	72019	17.52			1	Z		
1983-01-2	5	D	62610		3052.15	NGVD29	1	Z		
1983-01-2	5	D	62611		3053.75	NAVD88	1	Z		
1983-01-2	5	D	72019	16.25			1	Z		
1987-10-13	3	D	62610		3053.27	NGVD29	1	Z		
1987-10-13	3	D	62611		3054.87	NAVD88	1	Z		
1987-10-13	3	D	72019	15.13			1	Z		
1992-11-03	3	D	62610		3050.77	NGVD29	1	S		
1992-11-03		D	62611		3052.37	NAVD88	1	S		
1992-11-03		D	72019	17.63			1	S		
1998-01-2		D	62610		3052.05	NGVD29	1	S		
1998-01-22	2	D	62611		3053.65	NAVD88	1	S		

72019

16.35

S

Explanation

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

Questions about sites/data? Feedback on this web site **Automated retrievals** <u>Help</u> Data Tips
Explanation of terms Subscribe for system changes **News**

Accessibility FOIA Privacy Policies and Notices

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

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

Page Contact Information: New Mexico Water Data Maintainer Page Last Modified: 2021-08-06 09:24:15 EDT

0.32 0.29 nadww01





USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources



Click to hideNews Bulletins

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

Groundwater levels for New Mexico

Click to hide state-specific text

* IMPORTANT: Next Generation Station Page

Search Results -- 1 sites found

Agency code = usgs site_no list =

• 320309104020401

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 320309104020401 26S.28E.14.11111

Eddy County, New Mexico

Latitude 32°02'59.0", Longitude 104°03'58.7" NAD83

Land-surface elevation 2,972.00 feet above NGVD29

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Rustler Formation (312RSLR) 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
1978-01-13		D	62610		2849.66	NGVD29	1	Z		
1978-01-13		D	62611		2851.23	NAVD88	1	Z		
1978-01-13		D	72019	122.34			1	Z		
1983-01-25		D	62610		2844.62	NGVD29	1	Z		
1983-01-25		D	62611		2846.19	NAVD88	1	Z		
1983-01-25		D	72019	127.38			1	Z		
1987-10-14		D	62610		2865.60	NGVD29	1	Z		
1987-10-14		D	62611		2867.17	NAVD88	1	Z		
1987-10-14		D	72019	106.40			1	Z		
1993-01-05		D	62610		2871.58	NGVD29	1	S		
1993-01-05		D	62611		2873.15	NAVD88	1	S		
1993-01-05		D	72019	100.42			1	S		
1998-01-22		D	62610		2875.45	NGVD29	1	S		
1998-01-22		D	62611		2877.02	NAVD88	1	S		
1998-01-22		D	72019	96.55			1	S		

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
2003-01-27		D	62610		2874.98	NGVD29	1	S	USGS	
2003-01-27		D	62611		2876.55	NAVD88	1	S	USGS	
2003-01-27		D	72019	97.02			1	S	USGS	
2013-01-09	20:30 UTC	m	62610		2832.88	NGVD29	1	S	USGS	
2013-01-09	20:30 UTC	m	62611		2834.45	NAVD88	1	S	USGS	
2013-01-09	20:30 UTC	m	72019	139.12			1	S	USGS	
2021-02-24	20:05 UTC	m	62610		2816.08	NGVD29	1	V	USGS	
2021-02-24	20:05 UTC	m	62611		2817.65	NAVD88	1	V	USGS	
2021-02-24	20:05 UTC	m	72019	155.92			1	V	USGS	

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
Method of measurement	S	Steel-tape measurement.
Method of measurement	V	Calibrated electric-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.

Questions about sites/data?
Feedback on this web site
Automated retrievals
Help
Data Tips
Explanation of terms
Subscribe for system changes
News

Accessibility FOIA Privacy Policies and Notices

<u>U.S. Department of the Interior</u> | <u>U.S. Geological Survey</u> **Title: Groundwater for New Mexico: Water Levels**

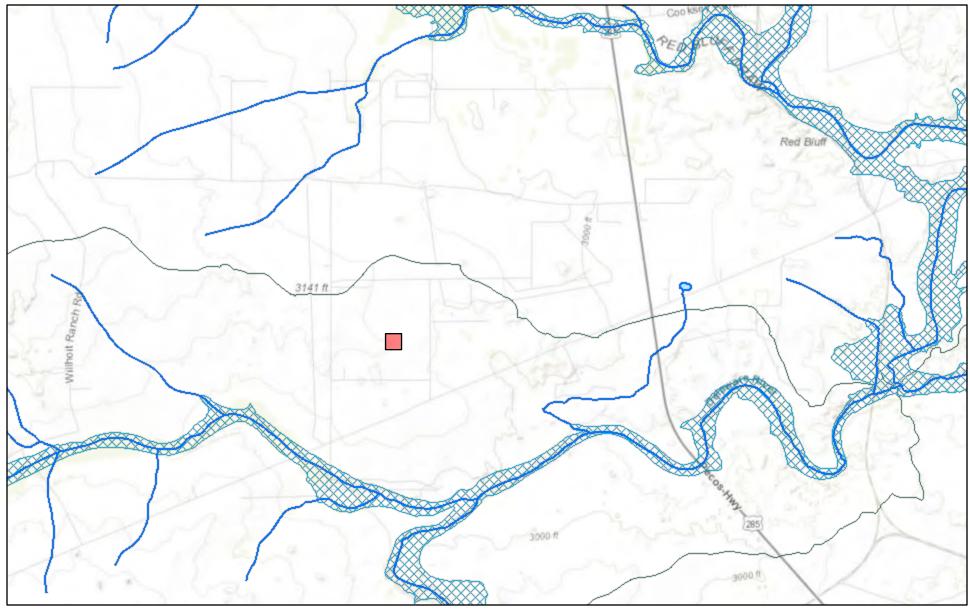
URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?

Page Contact Information: New Mexico Water Data Maintainer Page Last Modified: 2021-08-06 09:25:19 EDT

0.28 0.24 nadww01



New Mexico NFHL Data



March 25, 2022

1:72,224 0 0.5 1 2 mi 1 0 0.75 1.5 3 km

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

APPENDIX E

CARMONA RESOURCES



March 29, 2022

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

RE: SRO STATE COM #45

Enclosed are the results of analyses for samples received by the laboratory on 03/24/22 14:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Celey D. Keene

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Fax

 Received:
 03/24/2022
 Sampling Date:
 03/24/2022

 Reported:
 03/29/2022
 Sampling Type:
 Soil

Project Name: SRO STATE COM #45 Sampling Condition: ** (See Notes)
Project Number: 1033 (03.18.22) Sample Received By: Shalyn Rodriguez

Project Location: COG - EDDY CO NM

Sample ID: S - 1 (0-0.5') (H221166-01)

BTEX 8021B	mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	207	5.00	03/27/2022	ND	1.89	94.4	2.00	2.78	
Toluene*	626	5.00	03/27/2022	ND	2.08	104	2.00	2.77	
Ethylbenzene*	92.6	5.00	03/27/2022	ND	2.16	108	2.00	2.39	
Total Xylenes*	813	15.0	03/27/2022	ND	6.69	111	6.00	2.27	
Total BTEX	1740	30.0	03/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	03/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	30900	100	03/26/2022	ND	193	96.4	200	4.29	
DRO >C10-C28*	26400	100	03/26/2022	ND	178	89.0	200	3.04	
EXT DRO >C28-C36	4450	100	03/26/2022	ND					
Surrogate: 1-Chlorooctane	2360	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	758	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Analytical Results For:

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

Received: 03/24/2022 Reported: 03/29/2022

Project Name: SRO STATE COM #45
Project Number: 1033 (03.18.22)
Project Location: COG - EDDY CO NM

Sampling Date: 03/24/2022

Sampling Type: Soil
Sampling Condition: ** (S

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

Sample ID: S - 1 (1') (H221166-02)

BTEX 8021B	mg	/kg	Analyze	ed By: MS\					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.858	0.050	03/25/2022	ND	1.89	94.4	2.00	2.78	
Toluene*	2.89	0.050	03/25/2022	ND	2.08	104	2.00	2.77	
Ethylbenzene*	0.527	0.050	03/25/2022	ND	2.16	108	2.00	2.39	
Total Xylenes*	4.44	0.150	03/25/2022	ND	6.69	111	6.00	2.27	
Total BTEX	8.72	0.300	03/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	166	% 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	160	16.0	03/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	95.4	10.0	03/25/2022	ND	193	96.4	200	4.29	
DRO >C10-C28*	414	10.0	03/25/2022	ND	178	89.0	200	3.04	
EXT DRO >C28-C36	261	10.0	03/25/2022	ND					
Surrogate: 1-Chlorooctane	87.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	84.3	% 59.5-14	2						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



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

Analytical Results For:

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

Received: 03/24/2022 Reported: 03/29/2022

SRO STATE COM #45 1033 (03.18.22)

61.7 %

59.5-142

COG - EDDY CO NM Project Location:

Sampling Date: 03/24/2022

Sampling Type: Soil

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

Sample ID: S - 1 (1.5') (H221166-03)

Project Name:

Project Number:

BTEX 8021B	mg	/kg	Analyze	d By: MS\					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.074	0.050	03/25/2022	ND	1.89	94.4	2.00	2.78	
Toluene*	0.419	0.050	03/25/2022	ND	2.08	104	2.00	2.77	
Ethylbenzene*	<0.050	0.050	03/25/2022	ND	2.16	108	2.00	2.39	
Total Xylenes*	0.501	0.150	03/25/2022	ND	6.69	111	6.00	2.27	
Total BTEX	0.994	0.300	03/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	143	% 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	03/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	30.1	10.0	03/25/2022	ND	193	96.4	200	4.29	
DRO >C10-C28*	289	10.0	03/25/2022	ND	178	89.0	200	3.04	
	251	10.0	03/25/2022	ND					

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Celey D. Keine

Surrogate: 1-Chlorooctadecane



Analytical Results For:

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

Received: 03/24/2022 Reported: 03/29/2022

Project Name: SRO STATE COM #45
Project Number: 1033 (03.18.22)
Project Location: COG - EDDY CO NM

Sampling Date: 03/24/2022

Sampling Type: Soil

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

Sample ID: S - 2 (0-0.5') (H221166-04)

BTEX 8021B	mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	183	5.00	03/27/2022	ND	1.80	89.9	2.00	6.27	
Toluene*	605	5.00	03/27/2022	ND	2.02	101	2.00	6.09	
Ethylbenzene*	87.6	5.00	03/27/2022	ND	2.12	106	2.00	6.20	
Total Xylenes*	896	15.0	03/27/2022	ND	6.57	109	6.00	6.11	
Total BTEX	1770	30.0	03/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 69.9-14	10						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	35400	100	03/26/2022	ND	193	96.4	200	4.29	
DRO >C10-C28*	26800	100	03/26/2022	ND	178	89.0	200	3.04	
EXT DRO >C28-C36	4320	100	03/26/2022	ND					
Surrogate: 1-Chlorooctane	2530	% 66.9-13	26						
Surrogate: 1-Chlorooctadecane	773	% 59.5-14	12						

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Analytical Results For:

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

Received: 03/24/2022 Reported: 03/29/2022

Project Name: SRO STATE COM #45 Project Number: 1033 (03.18.22) COG - EDDY CO NM Project Location:

Sampling Date: 03/24/2022

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

Soil

Sample ID: S - 2 (1') (H221166-05)

BTEX 8021B	mg,	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	143	5.00	03/27/2022	ND	1.80	89.9	2.00	6.27	
Toluene*	497	5.00	03/27/2022	ND	2.02	101	2.00	6.09	
Ethylbenzene*	75.6	5.00	03/27/2022	ND	2.12	106	2.00	6.20	
Total Xylenes*	732	15.0	03/27/2022	ND	6.57	109	6.00	6.11	
Total BTEX	1450	30.0	03/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	03/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	26700	100	03/26/2022	ND	193	96.4	200	4.29	
DRO >C10-C28*	22100	100	03/26/2022	ND	178	89.0	200	3.04	
EXT DRO >C28-C36	3690	100	03/26/2022	ND					
Surrogate: 1-Chlorooctane	2050	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	616	% 59.5-14	2						

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Analytical Results For:

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

Fax To:

Received: 03/24/2022 Reported: 03/29/2022

Project Name: SRO STATE COM #45 Project Number: 1033 (03.18.22) COG - EDDY CO NM Project Location:

Sampling Date: 03/24/2022

Sampling Type: Soil

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

Sample ID: S - 2 (2') (H221166-06)

BTEX 8021B	mg/	'kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/27/2022	ND	1.80	89.9	2.00	6.27	
Toluene*	0.131	0.050	03/27/2022	ND	2.02	101	2.00	6.09	
Ethylbenzene*	0.066	0.050	03/27/2022	ND	2.12	106	2.00	6.20	
Total Xylenes*	0.698	0.150	03/27/2022	ND	6.57	109	6.00	6.11	
Total BTEX	0.895	0.300	03/27/2022	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	112	16.0	03/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	21.2	10.0	03/26/2022	ND	193	96.4	200	4.29	
DRO >C10-C28*	85.9	10.0	03/26/2022	ND	178	89.0	200	3.04	
EXT DRO >C28-C36	62.8	10.0	03/26/2022	ND					
Surrogate: 1-Chlorooctane	84.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	78.9	% 59.5-14	2						

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Analytical Results For:

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

Fax To:

Received: 03/24/2022 Reported: 03/29/2022

Project Name: SRO STATE COM #45 Project Number: 1033 (03.18.22) Project Location: COG - EDDY CO NM

Sampling Date: 03/24/2022

Sampling Type: Soil

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

Sample ID: S - 2 (2.5') (H221166-07)

BTEX 8021B

DIEX GOZID	1119/	- Kg	Allulyzo	a by. 1-15 (
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.396	0.050	03/27/2022	ND	1.80	89.9	2.00	6.27	
Toluene*	0.437	0.050	03/27/2022	ND	2.02	101	2.00	6.09	
Ethylbenzene*	<0.050	0.050	03/27/2022	ND	2.12	106	2.00	6.20	
Total Xylenes*	0.202	0.150	03/27/2022	ND	6.57	109	6.00	6.11	
Total BTEX	1.04	0.300	03/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	10						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2022	ND	193	96.4	200	4.29	
DRO >C10-C28*	<10.0	10.0	03/26/2022	ND	178	89.0	200	3.04	
EXT DRO >C28-C36	<10.0	10.0	03/26/2022	ND					
Surrogate: 1-Chlorooctane	85.3	% 66.9-13	16						
Surrogate: 1-Chlorooctadecane	80.1	% 59.5-14	12						

Analyzed By: MS\

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Analytical Results For:

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

Received: 03/24/2022 Reported: 03/29/2022

Project Name: SRO STATE COM #45
Project Number: 1033 (03.18.22)
Project Location: COG - EDDY CO NM

Sampling Date: 03/24/2022

Sampling Type: Soil
Sampling Condition: ** (See Notes)

Sample Received By: Shalyn Rodriguez

Sample ID: S - 3 (0-0.5') (H221166-08)

BTEX 8021B	mg	/kg	Analyze	ed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	171	5.00	03/27/2022	ND	1.80	89.9	2.00	6.27	
Toluene*	557	5.00	03/27/2022	ND	2.02	101	2.00	6.09	
Ethylbenzene*	85.0	5.00	03/27/2022	ND	2.12	106	2.00	6.20	
Total Xylenes*	840	15.0	03/27/2022	ND	6.57	109	6.00	6.11	
Total BTEX	1650	30.0	03/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	03/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	31700	100	03/26/2022	ND	193	96.4	200	4.29	
DRO >C10-C28*	26100	100	03/26/2022	ND	178	89.0	200	3.04	
EXT DRO >C28-C36	4640	100	03/26/2022	ND					
Surrogate: 1-Chlorooctane	2410	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	758	% 59.5-14	2						

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Analytical Results For:

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

Received: 03/24/2022 Reported: 03/29/2022

Project Name: SRO STATE COM #45 Project Number: 1033 (03.18.22) COG - EDDY CO NM Project Location:

Sampling Date: 03/24/2022

Sampling Type: Soil

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

Sample ID: S - 3 (1') (H221166-09)

BTEX 8021B	mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	182	5.00	03/27/2022	ND	1.80	89.9	2.00	6.27	
Toluene*	553	5.00	03/27/2022	ND	2.02	101	2.00	6.09	
Ethylbenzene*	79.2	5.00	03/27/2022	ND	2.12	106	2.00	6.20	
Total Xylenes*	753	15.0	03/27/2022	ND	6.57	109	6.00	6.11	
Total BTEX	1570	30.0	03/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 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	80.0	16.0	03/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	27400	100	03/26/2022	ND	193	96.4	200	4.29	
DRO >C10-C28*	21500	100	03/26/2022	ND	178	89.0	200	3.04	
EXT DRO >C28-C36	3770	100	03/26/2022	ND					
Surrogate: 1-Chlorooctane	1990	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	512 9	% 59.5-14	2						

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Analytical Results For:

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

Received: 03/24/2022 Reported: 03/29/2022

Project Name: SRO STATE COM #45 Project Number: 1033 (03.18.22) COG - EDDY CO NM Project Location:

Sampling Date: 03/24/2022

Sampling Type: Soil

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

Sample ID: S - 3 (1.5') (H221166-10)

BTEX 8021B	mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	181	5.00	03/27/2022	ND	1.80	89.9	2.00	6.27	
Toluene*	563	5.00	03/27/2022	ND	2.02	101	2.00	6.09	
Ethylbenzene*	79.9	5.00	03/27/2022	ND	2.12	106	2.00	6.20	
Total Xylenes*	773	15.0	03/27/2022	ND	6.57	109	6.00	6.11	
Total BTEX	1600	30.0	03/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	31700	100	03/26/2022	ND	193	96.4	200	4.29	
DRO >C10-C28*	27400	100	03/26/2022	ND	178	89.0	200	3.04	
EXT DRO >C28-C36	4620	100	03/26/2022	ND					
Surrogate: 1-Chlorooctane	2280	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	747 9	% 59.5-14	2						

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Analytical Results For:

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

Received: 03/24/2022 Reported: 03/29/2022

Project Name: SRO STATE COM #45
Project Number: 1033 (03.18.22)
Project Location: COG - EDDY CO NM

Sampling Date: 03/24/2022

Sampling Type: Soil

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

Sample ID: S - 3 (2.5') (H221166-11)

BTEX 8021B	mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.588	0.050	03/27/2022	ND	1.80	89.9	2.00	6.27	
Toluene*	0.700	0.050	03/27/2022	ND	2.02	101	2.00	6.09	
Ethylbenzene*	<0.050	0.050	03/27/2022	ND	2.12	106	2.00	6.20	
Total Xylenes*	0.393	0.150	03/27/2022	ND	6.57	109	6.00	6.11	
Total BTEX	1.68	0.300	03/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 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	32.0	16.0	03/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	10.9	10.0	03/26/2022	ND	193	96.4	200	4.29	
DRO >C10-C28*	<10.0	10.0	03/26/2022	ND	178	89.0	200	3.04	
EXT DRO >C28-C36	<10.0	10.0	03/26/2022	ND					
Surrogate: 1-Chlorooctane	77.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	69.6	% 59.5-14	2						

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Analytical Results For:

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

Received: 03/24/2022 Reported: 03/29/2022

Project Name: SRO STATE COM #45
Project Number: 1033 (03.18.22)
Project Location: COG - EDDY CO NM

Sampling Date: 03/24/2022

Sampling Type: Soil
Sampling Condition: ** (See Notes)

Sample Received By: Shalyn Rodriguez

Sample ID: S - 4 (0-0.5') (H221166-12)

BTEX 8021B	mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	170	5.00	03/27/2022	ND	1.80	89.9	2.00	6.27	
Toluene*	536	5.00	03/27/2022	ND	2.02	101	2.00	6.09	
Ethylbenzene*	75.5	5.00	03/27/2022	ND	2.12	106	2.00	6.20	
Total Xylenes*	763	15.0	03/27/2022	ND	6.57	109	6.00	6.11	
Total BTEX	1540	30.0	03/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	03/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	29700	100	03/26/2022	ND	203	102	200	2.64	
DRO >C10-C28*	26700	100	03/26/2022	ND	201	101	200	1.80	
EXT DRO >C28-C36	2950	100	03/26/2022	ND					
Surrogate: 1-Chlorooctane	635	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	678	% 59.5-14	2						

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Analytical Results For:

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

Received: 03/24/2022 Reported: 03/29/2022

Project Name: SRO STATE COM #45
Project Number: 1033 (03.18.22)
Project Location: COG - EDDY CO NM

Sampling Date: 03/24/2022

Sampling Type: Soil

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

Sample ID: S - 4 (1') (H221166-13)

BTEX 8021B	mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	204	5.00	03/27/2022	ND	1.80	89.9	2.00	6.27	
Toluene*	587	5.00	03/27/2022	ND	2.02	101	2.00	6.09	
Ethylbenzene*	78.3	5.00	03/27/2022	ND	2.12	106	2.00	6.20	
Total Xylenes*	779	15.0	03/27/2022	ND	6.57	109	6.00	6.11	
Total BTEX	1650	30.0	03/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	31400	100	03/26/2022	ND	203	102	200	2.64	
DRO >C10-C28*	28100	100	03/26/2022	ND	201	101	200	1.80	
EXT DRO >C28-C36	2940	100	03/26/2022	ND					
Surrogate: 1-Chlorooctane	669	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	716	% 59.5-14	2						

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Analytical Results For:

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

Received: 03/24/2022 Reported: 03/29/2022

Project Name: SRO STATE COM #45
Project Number: 1033 (03.18.22)
Project Location: COG - EDDY CO NM

Sampling Date: 03/24/2022

Sampling Type: Soil

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

Sample ID: S - 4 (1.5') (H221166-14)

BTEX 8021B	mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	56.5	5.00	03/27/2022	ND	1.80	89.9	2.00	6.27	
Toluene*	234	5.00	03/27/2022	ND	2.02	101	2.00	6.09	
Ethylbenzene*	36.8	5.00	03/27/2022	ND	2.12	106	2.00	6.20	
Total Xylenes*	373	15.0	03/27/2022	ND	6.57	109	6.00	6.11	
Total BTEX	701	30.0	03/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	14700	100	03/26/2022	ND	203	102	200	2.64	
DRO >C10-C28*	15100	100	03/26/2022	ND	201	101	200	1.80	
EXT DRO >C28-C36	1460	100	03/26/2022	ND					
Surrogate: 1-Chlorooctane	384	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	240	% 59.5-14	2						

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Analytical Results For:

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

Received: 03/24/2022 Reported: 03/29/2022

Project Name: SRO STATE COM #45
Project Number: 1033 (03.18.22)
Project Location: COG - EDDY CO NM

Sampling Date: 03/24/2022

Sampling Type: Soil

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

Sample ID: S - 4 (2') (H221166-15)

BTEX 8021B	mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.644	0.050	03/27/2022	ND	1.80	89.9	2.00	6.27	
Toluene*	0.832	0.050	03/27/2022	ND	2.02	101	2.00	6.09	
Ethylbenzene*	0.055	0.050	03/27/2022	ND	2.12	106	2.00	6.20	
Total Xylenes*	0.494	0.150	03/27/2022	ND	6.57	109	6.00	6.11	
Total BTEX	2.02	0.300	03/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	24.2	10.0	03/28/2022	ND	203	102	200	2.64	
DRO >C10-C28*	21.6	10.0	03/28/2022	ND	201	101	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	03/28/2022	ND					
Surrogate: 1-Chlorooctane	70.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	68.7	% 59.5-14	2						

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Analytical Results For:

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

Received: 03/24/2022 Reported: 03/29/2022

Project Name: SRO STATE COM #45
Project Number: 1033 (03.18.22)
Project Location: COG - EDDY CO NM

Sampling Date: 03/24/2022

Sampling Type: Soil
Sampling Condition: ** (S

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

Sample ID: S - 5 (0-0.5') (H221166-16)

Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC Benzene* 9.99 5.00 03/27/2022 ND 1.80 89.9 2.00 Toluene* 135 5.00 03/27/2022 ND 2.02 101 2.00 Ethylbenzene* 29.3 5.00 03/27/2022 ND 6.57 109 6.00 Total Xylenes* 325 15.0 03/27/2022 ND 6.57 109 6.00 Surrogate: 4-Bromofluorobenzene (PID III % 69.9-140	BTEX 8021B		mg/kg		Analyzed By: MS\					
Toluene* 135 5.00 03/27/2022 ND 2.02 101 2.00 Ethylbenzene* 29.3 5.00 03/27/2022 ND 2.12 106 2.00 Total Xylenes* 325 15.0 03/27/2022 ND 6.57 109 6.00 Surrogate: 4-Bromofluorobenzene (PID 111 % 69.9-140 Analyzed ND 8 % Recovery True Value QC Chloride, SM4500Cl-B mg/kg Analyzed Method Blank BS % Recovery True Value QC Chloride 16.0 16.0 03/28/2022 ND 416 104 400 TPH 8015M mg/kg Analyzed Method Blank BS % Recovery True Value QC GRO C6-C10* 8800 100 03/26/2022 ND 203 102 200 DRO >C10-C28* 11600 100 03/26/2022 ND 201 101 200 EXT DRO >C28-C36 1180 100 03/26/2022 ND <th>Analyte</th> <th>Result</th> <th>Reporting Limit</th> <th>Analyzed</th> <th>Method Blank</th> <th>BS</th> <th>% Recovery</th> <th>True Value QC</th> <th>RPD</th> <th>Qualifier</th>	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Ethylbenzene* 29.3 5.00 03/27/2022 ND 2.12 106 2.00 Total Xylenes* 325 15.0 03/27/2022 ND 6.57 109 6.00 Total BTEX 499 30.0 03/27/2022 ND	e*	9.99	5.00	03/27/2022	ND	1.80	89.9	2.00	6.27	
Total Xylenes* 325 15.0 03/27/2022 ND 6.57 109 6.00 Total BTEX 499 30.0 03/27/2022 ND 65.7 109 6.00 Surrogate: 4-Bromofluorobenzene (PID 1111 % 69.9-140 Analyzed By: AC Chloride, SM4500Cl-B mg/kg Analyzed By: AC Method Blank BS % Recovery True Value QC Chloride 16.0 16.0 03/28/2022 ND 416 104 400 TPH 8015M mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC GRO C6-C10* 8800 100 03/26/2022 ND 203 102 200 DRO >C10-C28* 11600 100 03/26/2022 ND 201 101 200 EXT DRO >C28-C36 1180 100 03/26/2022 ND 201 101 200	*	135	5.00	03/27/2022	ND	2.02	101	2.00	6.09	
Total BTEX 499 30.0 03/27/2022 ND Surrogate: 4-Bromofluorobenzene (PID 111 % 69.9-140 Chloride, SM4500Cl-B mg/ky Analyzed By: AC Analyte Result Reporting Limit Analyzed By: AC Chloride 16.0 16.0 03/28/2022 ND 416 104 400 TPH 8015M mg/ky Analyzed By: MS Method Blank BS % Recovery True Value QC GRO C6-C10* 8800 100 03/26/2022 ND 203 102 200 DRO >C10-C28* 11600 100 03/26/2022 ND 201 101 200 EXT DRO >C28-C36 1180 100 03/26/2022 ND ND 201 101 200	nzene*	29.3	5.00	03/27/2022	ND	2.12	106	2.00	6.20	
Surrogate: 4-Bromofluorobenzene (PID 111 % 69.9-140 Chloride, SM4500Cl-B mg/kg Analyzed By: AC BS % Recovery True Value QC Chloride 16.0 16.0 03/28/2022 ND 416 104 400 TPH 8015M mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed By: MS Analyte 8800 100 03/26/2022 ND 203 102 200 DRO >C10-C28* 11600 100 03/26/2022 ND 201 101 200 EXT DRO >C28-C36 1180 100 03/26/2022 ND ND 201 101 200 Surrogate: 1-Chlorooctane	/lenes*	325	15.0	03/27/2022	ND	6.57	109	6.00	6.11	
Chloride, SM4500Cl-B mg/kg Analyzed by: AC Method Blank BS % Recovery Mecovery True Value QC Chloride 16.0 16.0 03/28/2022 ND 416 104 400 TPH 8015M Mg/kg Analyzed By: MS Analyte Result Reporting Limit Reporting Limit Analyzed Method Blank BS % Recovery True Value QC GRO C6-C10* 8800 100 03/26/2022 ND 203 102 200 DRO >C10-C28* 11600 100 03/26/2022 ND 201 101 200 EXT DRO >C28-C36 1180 100 03/26/2022 ND ND 201 101 200 Surrogate: 1-Chlorooctane	ГЕХ	499	30.0	03/27/2022	ND					
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC Chloride 16.0 16.0 03/28/2022 ND 416 104 400 TPH 8015M mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC GRO C6-C10* 8800 100 03/26/2022 ND 203 102 200 DRO >C10-C28* 11600 100 03/26/2022 ND 201 101 200 EXT DRO >C28-C36 1180 100 03/26/2022 ND Surrogate: 1-Chlorooctane 299 % 66.9-136	e: 4-Bromofluorobenzene (PIL	111	% 69.9-14	0						
Chloride 16.0 16.0 03/28/2022 ND 416 104 400 TPH 8015M mg/kg Analyzed By: MS MS Recovery True Value QC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC GRO C6-C10* 8800 100 03/26/2022 ND 203 102 200 DRO >C10-C28* 11600 100 03/26/2022 ND 201 101 200 EXT DRO >C28-C36 1180 100 03/26/2022 ND ND V V Surrogate: 1-Chlorooctane	, SM4500CI-B	mg	/kg	Analyzed By: AC						
TPH 8015M mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC GRO C6-C10* 8800 100 03/26/2022 ND 203 102 200 DRO >C10-C28* 11600 100 03/26/2022 ND 201 101 200 EXT DRO >C28-C36 1180 100 03/26/2022 ND ND V	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC GRO C6-C10* 8800 100 03/26/2022 ND 203 102 200 DRO >C10-C28* 11600 100 03/26/2022 ND 201 101 200 EXT DRO >C28-C36 1180 100 03/26/2022 ND Surrogate: 1-Chlorooctane 299 % 66.9-136	e	16.0	16.0	03/28/2022	ND	416	104	400	0.00	
GRO C6-C10* 8800 100 03/26/2022 ND 203 102 200 DRO >C10-C28* 11600 100 03/26/2022 ND 201 101 200 EXT DRO >C28-C36 1180 100 03/26/2022 ND ND 201 101 200 Surrogate: 1-Chlorooctane 299 % 66.9-136 46.9-136 <	5М	mg	/kg	Analyzed By: MS						S-06
DRO >C10-C28* 11600 100 03/26/2022 ND 201 101 200 EXT DRO >C28-C36 1180 100 03/26/2022 ND Surrogate: 1-Chlorooctane 299 % 66.9-136	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
EXT DRO >C28-C36 1180 100 03/26/2022 ND Surrogate: 1-Chlorooctane 299 % 66.9-136	-C10*	8800	100	03/26/2022	ND	203	102	200	2.64	
Surrogate: 1-Chlorooctane 299 % 66.9-136	C10-C28*	11600	100	03/26/2022	ND	201	101	200	1.80	
	O >C28-C36	1180	100	03/26/2022	ND					
Compared to 1 Chlorocated again 1920/ 50.5.142	e: 1-Chlorooctane	299	% 66.9-13	6						
Surrogate: 1-Uniorooctaaecane 102 70 39.3-142	e: 1-Chlorooctadecane	182	% 59.5-14	12						

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Analytical Results For:

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

Received: 03/24/2022 Reported: 03/29/2022

Project Name: SRO STATE COM #45
Project Number: 1033 (03.18.22)
Project Location: COG - EDDY CO NM

Sampling Date: 03/24/2022

Sampling Type: Soil

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

Sample ID: S - 5 (1') (H221166-17)

BTEX 8021B	mg/kg		Analyzed By: MS\						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.137	0.050	03/27/2022	ND	1.80	89.9	2.00	6.27	
Toluene*	2.54	0.050	03/27/2022	ND	2.02	101	2.00	6.09	
Ethylbenzene*	1.17	0.050	03/27/2022	ND	2.12	106	2.00	6.20	
Total Xylenes*	13.0	0.150	03/27/2022	ND	6.57	109	6.00	6.11	
Total BTEX	16.9	0.300	03/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	192	% 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	<16.0	16.0	03/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	184	10.0	03/26/2022	ND	203	102	200	2.64	
DRO >C10-C28*	635	10.0	03/26/2022	ND	201	101	200	1.80	
EXT DRO >C28-C36	67.4	10.0	03/26/2022	ND					
Surrogate: 1-Chlorooctane	70.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	64.2	% 59.5-14	2						

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Analytical Results For:

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

Received: 03/24/2022 Reported: 03/29/2022

Project Name: SRO STATE COM #45 Project Number: 1033 (03.18.22) COG - EDDY CO NM Project Location:

Sampling Date: 03/24/2022

Sampling Type: Soil

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

Sample ID: S - 6 (0-0.5') (H221166-18)

BTEX 8021B	mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	130	5.00	03/27/2022	ND	1.80	89.9	2.00	6.27	
Toluene*	471	5.00	03/27/2022	ND	2.02	101	2.00	6.09	
Ethylbenzene*	69.3	5.00	03/27/2022	ND	2.12	106	2.00	6.20	
Total Xylenes*	736	15.0	03/27/2022	ND	6.57	109	6.00	6.11	
Total BTEX	1410	30.0	03/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	34500	100	03/26/2022	ND	203	102	200	2.64	
DRO >C10-C28*	33500	100	03/26/2022	ND	201	101	200	1.80	
EXT DRO >C28-C36	3590	100	03/26/2022	ND					
Surrogate: 1-Chlorooctane	783 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	831	59.5-14	2						

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Analytical Results For:

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

Received: 03/24/2022 Reported: 03/29/2022

Project Name: SRO STATE COM #45 Project Number: 1033 (03.18.22) COG - EDDY CO NM Project Location:

Sampling Date: 03/24/2022

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

Soil

Sample ID: S - 6 (1') (H221166-19)

BTEX 8021B	mg/	'kg	Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	136	5.00	03/27/2022	ND	1.80	89.9	2.00	6.27	
Toluene*	444	5.00	03/27/2022	ND	2.02	101	2.00	6.09	
Ethylbenzene*	61.8	5.00	03/27/2022	ND	2.12	106	2.00	6.20	
Total Xylenes*	650	15.0	03/27/2022	ND	6.57	109	6.00	6.11	
Total BTEX	1290	30.0	03/27/2022	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	64.0	16.0	03/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	30400	100	03/26/2022	ND	203	102	200	2.64	
DRO >C10-C28*	27500	100	03/26/2022	ND	201	101	200	1.80	
EXT DRO >C28-C36	3000	100	03/26/2022	ND					
Surrogate: 1-Chlorooctane	651 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	694	% 59.5-14	2						

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Analytical Results For:

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

Received: 03/24/2022 Reported: 03/29/2022

Project Name: SRO STATE COM #45
Project Number: 1033 (03.18.22)
Project Location: COG - EDDY CO NM

Sampling Date: 03/24/2022

Sampling Type: Soil

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

Sample ID: S - 6 (1.5') (H221166-20)

BTEX 8021B	mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.591	0.050	03/27/2022	ND	1.80	89.9	2.00	6.27	
Toluene*	0.691	0.050	03/27/2022	ND	2.02	101	2.00	6.09	
Ethylbenzene*	0.062	0.050	03/27/2022	ND	2.12	106	2.00	6.20	
Total Xylenes*	0.601	0.150	03/27/2022	ND	6.57	109	6.00	6.11	
Total BTEX	1.95	0.300	03/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 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	<16.0	16.0	03/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	17.1	10.0	03/28/2022	ND	203	102	200	2.64	
DRO >C10-C28*	11.5	10.0	03/28/2022	ND	201	101	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	03/28/2022	ND					
Surrogate: 1-Chlorooctane	70.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	67.7	% 59.5-14	22						

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Analytical Results For:

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

Received: 03/24/2022 Reported: 03/29/2022

Project Name: SRO STATE COM #45
Project Number: 1033 (03.18.22)
Project Location: COG - EDDY CO NM

Sampling Date: 03/24/2022

Sampling Type: Soil

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

Sample ID: S - 7 (0-3") (H221166-21)

EX 8021B	mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	171	5.00	03/27/2022	ND	1.80	89.9	2.00	6.27	
Toluene*	526	5.00	03/27/2022	ND	2.02	101	2.00	6.09	
Ethylbenzene*	71.1	5.00	03/27/2022	ND	2.12	106	2.00	6.20	
Total Xylenes*	757	15.0	03/27/2022	ND	6.57	109	6.00	6.11	
Total BTEX	1530	30.0	03/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	34600	100	03/26/2022	ND	203	102	200	2.64	
DRO >C10-C28*	30200	100	03/26/2022	ND	201	101	200	1.80	
EXT DRO >C28-C36	3360	100	03/26/2022	ND					
Surrogate: 1-Chlorooctane	722	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	762	% 59.5-14	2						

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Analytical Results For:

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

Received: 03/24/2022

Reported: 03/29/2022

Project Name: SRO STATE COM #45
Project Number: 1033 (03.18.22)
Project Location: COG - EDDY CO NM

Sampling Date: 03/24/2022

Sampling Type: Soil

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

Sample ID: S - 7 (0.5') (H221166-22)

RTFY 8021R

B1EX 8021B	тд/кд		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	168	5.00	03/27/2022	ND	1.80	89.9	2.00	6.27	
Toluene*	493	5.00	03/27/2022	ND	2.02	101	2.00	6.09	
Ethylbenzene*	66.8	5.00	03/27/2022	ND	2.12	106	2.00	6.20	
Total Xylenes*	709	15.0	03/27/2022	ND	6.57	109	6.00	6.11	
Total BTEX	1440	30.0	03/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 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	32.0	16.0	03/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	32800	100	03/26/2022	ND	203	102	200	2.64	
DRO >C10-C28*	29200	100	03/26/2022	ND	201	101	200	1.80	
EXT DRO >C28-C36	3010	100	03/26/2022	ND					
Surrogate: 1-Chlorooctane	699	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	734	% 59.5-14	2						

Applyzod By: MC\

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Analytical Results For:

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

Received: 03/24/2022 Reported: 03/29/2022

Project Name: SRO STATE COM #45
Project Number: 1033 (03.18.22)
Project Location: COG - EDDY CO NM

Sampling Date: 03/24/2022

Sampling Type: Soil

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

Sample ID: S - 7 (1') (H221166-23)

EX 8021B	mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	147	5.00	03/27/2022	ND	1.80	89.9	2.00	6.27	
Toluene*	463	5.00	03/27/2022	ND	2.02	101	2.00	6.09	
Ethylbenzene*	60.4	5.00	03/27/2022	ND	2.12	106	2.00	6.20	
Total Xylenes*	650	15.0	03/27/2022	ND	6.57	109	6.00	6.11	
Total BTEX	1320	30.0	03/27/2022	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	<16.0	16.0	03/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	28800	100	03/26/2022	ND	203	102	200	2.64	
DRO >C10-C28*	25400	100	03/26/2022	ND	201	101	200	1.80	
EXT DRO >C28-C36	2520	100	03/26/2022	ND					
Surrogate: 1-Chlorooctane	606	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	644	% 59.5-14	2						

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Analytical Results For:

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

Received: 03/24/2022 Reported: 03/29/2022

Project Name: SRO STATE COM #45
Project Number: 1033 (03.18.22)
Project Location: COG - EDDY CO NM

Sampling Date: 03/24/2022

Sampling Type: Soil
Sampling Condition: ** (See Notes)

Sample Received By: Shalyn Rodriguez

Sample ID: S - 7 (1.5') (H221166-24)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.157	0.050	03/27/2022	ND	1.74	87.0	2.00	3.71	
Toluene*	0.328	0.050	03/27/2022	ND	1.97	98.5	2.00	3.55	
Ethylbenzene*	<0.050	0.050	03/27/2022	ND	1.99	99.4	2.00	3.59	
Total Xylenes*	0.157	0.150	03/27/2022	ND	6.19	103	6.00	3.70	
Total BTEX	0.642	0.300	03/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 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	32.0	16.0	03/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	10.2	10.0	03/28/2022	ND	203	102	200	2.64	
DRO >C10-C28*	<10.0	10.0	03/28/2022	ND	201	101	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	03/28/2022	ND					
Surrogate: 1-Chlorooctane	77.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	74.8	% 59.5-14	12						

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Analytical Results For:

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

Received: 03/24/2022 Reported: 03/29/2022

Project Name: SRO STATE COM #45
Project Number: 1033 (03.18.22)
Project Location: COG - EDDY CO NM

Sampling Date: 03/24/2022

Sampling Type: Soil

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

Sample ID: S - 8 (0-3") (H221166-25)

BTEX 8021B	mg/kg		Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	36.0	5.00	03/27/2022	ND	1.74	87.0	2.00	3.71	
Toluene*	283	5.00	03/27/2022	ND	1.97	98.5	2.00	3.55	
Ethylbenzene*	54.9	5.00	03/27/2022	ND	1.99	99.4	2.00	3.59	
Total Xylenes*	594	15.0	03/27/2022	ND	6.19	103	6.00	3.70	
Total BTEX	967	30.0	03/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 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	<16.0	16.0	03/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	18100	100	03/26/2022	ND	203	102	200	2.64	
DRO >C10-C28*	27200	100	03/26/2022	ND	201	101	200	1.80	
EXT DRO >C28-C36	3120	100	03/26/2022	ND					
Surrogate: 1-Chlorooctane	558	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	712	% 59.5-14	2						

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Analytical Results For:

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

03/29/2022

03/24/2022

Project Name: SRO STATE COM #45
Project Number: 1033 (03.18.22)
Project Location: COG - EDDY CO NM

Sampling Date: 03/24/2022

Sampling Type: Soil

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

Sample ID: S - 8 (0.5') (H221166-26)

Received:

Reported:

BTEX 8021B	mg/kg		Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.121	0.050	03/27/2022	ND	1.74	87.0	2.00	3.71	
Toluene*	0.770	0.050	03/27/2022	ND	1.97	98.5	2.00	3.55	
Ethylbenzene*	0.084	0.050	03/27/2022	ND	1.99	99.4	2.00	3.59	
Total Xylenes*	0.731	0.150	03/27/2022	ND	6.19	103	6.00	3.70	
Total BTEX	1.71	0.300	03/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	10						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	15.2	10.0	03/28/2022	ND	203	102	200	2.64	
DRO >C10-C28*	<10.0	10.0	03/28/2022	ND	201	101	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	03/28/2022	ND					
Surrogate: 1-Chlorooctane	65.1	% 66.9-13	26						
Surrogate: 1-Chlorooctadecane	62.7	% 59.5-14	!2						

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Analytical Results For:

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

Received: 03/24/2022 Reported: 03/29/2022

Project Name: SRO STATE COM #45
Project Number: 1033 (03.18.22)
Project Location: COG - EDDY CO NM

Sampling Date: 03/24/2022

Sampling Type: Soil

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

Sample ID: H - 1 (0-0.5') (H221166-27)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/27/2022	ND	1.74	87.0	2.00	3.71	
Toluene*	<0.050	0.050	03/27/2022	ND	1.97	98.5	2.00	3.55	
Ethylbenzene*	<0.050	0.050	03/27/2022	ND	1.99	99.4	2.00	3.59	
Total Xylenes*	<0.150	0.150	03/27/2022	ND	6.19	103	6.00	3.70	
Total BTEX	<0.300	0.300	03/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2022	ND	203	102	200	2.64	
DRO >C10-C28*	<10.0	10.0	03/26/2022	ND	201	101	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	03/26/2022	ND					
Surrogate: 1-Chlorooctane	70.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	69.3	% 59.5-14	2						

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Analytical Results For:

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

Received: 03/24/2022 Reported: 03/29/2022

SRO STATE COM #45 1033 (03.18.22)

Project Location: COG - EDDY CO NM

Sampling Date: 03/24/2022

Sampling Type: Soil

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

Sample ID: H - 2 (0-0.5') (H221166-28)

Project Name:

Project Number:

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/27/2022	ND	1.74	87.0	2.00	3.71	
Toluene*	<0.050	0.050	03/27/2022	ND	1.97	98.5	2.00	3.55	
Ethylbenzene*	< 0.050	0.050	03/27/2022	ND	1.99	99.4	2.00	3.59	
Total Xylenes*	<0.150	0.150	03/27/2022	ND	6.19	103	6.00	3.70	
Total BTEX	<0.300	0.300	03/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2022	ND	194	97.1	200	3.48	
DRO >C10-C28*	<10.0	10.0	03/26/2022	ND	189	94.4	200	3.36	
EXT DRO >C28-C36	<10.0	10.0	03/26/2022	ND					
Surrogate: 1-Chlorooctane	99.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	103	% 59.5-14	22						

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

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

Received: 03/24/2022 Reported: 03/29/2022

Project Name:

Project Number:

Project Location:

SRO STATE COM #45 1033 (03.18.22) COG - EDDY CO NM Sampling Date: Sampling Type:

03/24/2022 Soil ** (See Notes)

Sampling Condition: Sample Received By:

Shalyn Rodriguez

Sample ID: H - 3 (0-0.5') (H221166-29)

BTEX 8021B	mg/kg		Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/27/2022	ND	1.74	87.0	2.00	3.71	
Toluene*	<0.050	0.050	03/27/2022	ND	1.97	98.5	2.00	3.55	
Ethylbenzene*	<0.050	0.050	03/27/2022	ND	1.99	99.4	2.00	3.59	
Total Xylenes*	<0.150	0.150	03/27/2022	ND	6.19	103	6.00	3.70	
Total BTEX	<0.300	0.300	03/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/28/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2022	ND	194	97.1	200	3.48	
DRO >C10-C28*	<10.0	10.0	03/26/2022	ND	189	94.4	200	3.36	
EXT DRO >C28-C36	<10.0	10.0	03/26/2022	ND					
Surrogate: 1-Chlorooctane	95.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	99.7	% 59.5-14	2						

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Analytical Results For:

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

Received: 03/24/2022 Reported: 03/29/2022

Project Name: SRO STATE COM #45
Project Number: 1033 (03.18.22)
Project Location: COG - EDDY CO NM

Sampling Date: 03/24/2022

Sampling Type: Soil

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

Sample ID: H - 4 (0-0.5') (H221166-30)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/27/2022	ND	1.74	87.0	2.00	3.71	
Toluene*	<0.050	0.050	03/27/2022	ND	1.97	98.5	2.00	3.55	
Ethylbenzene*	< 0.050	0.050	03/27/2022	ND	1.99	99.4	2.00	3.59	
Total Xylenes*	<0.150	0.150	03/27/2022	ND	6.19	103	6.00	3.70	
Total BTEX	<0.300	0.300	03/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/28/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2022	ND	194	97.1	200	3.48	
DRO >C10-C28*	<10.0	10.0	03/26/2022	ND	189	94.4	200	3.36	
EXT DRO >C28-C36	<10.0	10.0	03/26/2022	ND					
Surrogate: 1-Chlorooctane	103	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	109	% 59.5-14	22						

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Analytical Results For:

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

Received: 03/24/2022 Reported: 03/29/2022

03/29/2022 SRO STATE COM #45 1033 (03.18.22)

Project Location: COG - EDDY CO NM

Sampling Date: 03/24/2022

Sampling Type: Soil

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

Sample ID: H - 5 (0-0.5') (H221166-31)

Project Name:

Project Number:

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/27/2022	ND	1.74	87.0	2.00	3.71	
Toluene*	<0.050	0.050	03/27/2022	ND	1.97	98.5	2.00	3.55	
Ethylbenzene*	<0.050	0.050	03/27/2022	ND	1.99	99.4	2.00	3.59	
Total Xylenes*	<0.150	0.150	03/27/2022	ND	6.19	103	6.00	3.70	
Total BTEX	<0.300	0.300	03/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/28/2022	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	03/28/2022	ND	208	104	200	20.5	
DRO >C10-C28*	<10.0	10.0	03/28/2022	ND	220	110	200	8.66	
EXT DRO >C28-C36	<10.0	10.0	03/28/2022	ND					
Surrogate: 1-Chlorooctane	80.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	84.7	% 59.5-14	2						

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Analytical Results For:

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

Received: 03/24/2022 Reported: 03/29/2022

Project Name: SRO STATE COM #45
Project Number: 1033 (03.18.22)
Project Location: COG - EDDY CO NM

Sampling Date: 03/24/2022

Sampling Type: Soil
Sampling Condition: ** (See Notes)

Sample Received By: Shalyn Rodriguez

Sample ID: H - 6 (0-0.5') (H221166-32)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/27/2022	ND	1.74	87.0	2.00	3.71	
Toluene*	<0.050	0.050	03/27/2022	ND	1.97	98.5	2.00	3.55	
Ethylbenzene*	<0.050	0.050	03/27/2022	ND	1.99	99.4	2.00	3.59	
Total Xylenes*	<0.150	0.150	03/27/2022	ND	6.19	103	6.00	3.70	
Total BTEX	<0.300	0.300	03/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/28/2022	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	03/28/2022	ND	208	104	200	20.5	
DRO >C10-C28*	<10.0	10.0	03/28/2022	ND	220	110	200	8.66	
EXT DRO >C28-C36	<10.0	10.0	03/28/2022	ND					
Surrogate: 1-Chlorooctane	81.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	87.3	% 59.5-14	2						

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Analytical Results For:

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

Received: 03/24/2022 Reported: 03/29/2022

03/29/2022 SRO STATE COM #45 1033 (03.18.22)

Project Location: COG - EDDY CO NM

Sampling Date: 03/24/2022

Sampling Type: Soil

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

Sample ID: H - 7 (0-0.5') (H221166-33)

Project Name:

Project Number:

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/27/2022	ND	1.74	87.0	2.00	3.71	
Toluene*	<0.050	0.050	03/27/2022	ND	1.97	98.5	2.00	3.55	
Ethylbenzene*	<0.050	0.050	03/27/2022	ND	1.99	99.4	2.00	3.59	
Total Xylenes*	<0.150	0.150	03/27/2022	ND	6.19	103	6.00	3.70	
Total BTEX	<0.300	0.300	03/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/28/2022	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	03/28/2022	ND	208	104	200	20.5	
DRO >C10-C28*	<10.0	10.0	03/28/2022	ND	220	110	200	8.66	
EXT DRO >C28-C36	<10.0	10.0	03/28/2022	ND					
Surrogate: 1-Chlorooctane	80.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	83.7	% 59.5-14	2						

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Analytical Results For:

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

Received: 03/24/2022 Reported: 03/29/2022

Project Name: SRO STATE COM #45
Project Number: 1033 (03.18.22)
Project Location: COG - EDDY CO NM

Sampling Date: 03/24/2022

Sampling Type: Soil

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

Sample ID: H - 8 (0-0.5') (H221166-34)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/27/2022	ND	1.74	87.0	2.00	3.71	
Toluene*	<0.050	0.050	03/27/2022	ND	1.97	98.5	2.00	3.55	
Ethylbenzene*	<0.050	0.050	03/27/2022	ND	1.99	99.4	2.00	3.59	
Total Xylenes*	<0.150	0.150	03/27/2022	ND	6.19	103	6.00	3.70	
Total BTEX	<0.300	0.300	03/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/28/2022	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	03/28/2022	ND	208	104	200	20.5	
DRO >C10-C28*	<10.0	10.0	03/28/2022	ND	220	110	200	8.66	
EXT DRO >C28-C36	<10.0	10.0	03/28/2022	ND					
Surrogate: 1-Chlorooctane	90.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	95.1	% 59.5-14	22						

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Analytical Results For:

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

Received: 03/24/2022 Reported: 03/29/2022

Project Name: SRO STATE COM #45
Project Number: 1033 (03.18.22)
Project Location: COG - EDDY CO NM

Sampling Date: 03/24/2022

Sampling Type: Soil

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

Sample ID: H - 9 (0-0.5') (H221166-35)

BTEX 8021B	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/27/2022	ND	1.74	87.0	2.00	3.71	
Toluene*	<0.050	0.050	03/27/2022	ND	1.97	98.5	2.00	3.55	
Ethylbenzene*	<0.050	0.050	03/27/2022	ND	1.99	99.4	2.00	3.59	
Total Xylenes*	<0.150	0.150	03/27/2022	ND	6.19	103	6.00	3.70	
Total BTEX	<0.300	0.300	03/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/28/2022	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	03/28/2022	ND	208	104	200	20.5	
DRO >C10-C28*	<10.0	10.0	03/28/2022	ND	220	110	200	8.66	
EXT DRO >C28-C36	<10.0	10.0	03/28/2022	ND					
Surrogate: 1-Chlorooctane	75.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	76.4	% 59.5-14	2						

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Analytical Results For:

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

Received: 03/24/2022 Reported: 03/29/2022

Project Name: SRO STATE COM #45
Project Number: 1033 (03.18.22)
Project Location: COG - EDDY CO NM

Sampling Date: 03/24/2022

Sampling Type: Soil

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

Sample ID: H - 10 (0-0.5') (H221166-36)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.272	0.050	03/27/2022	ND	1.74	87.0	2.00	3.71	
Toluene*	0.333	0.050	03/27/2022	ND	1.97	98.5	2.00	3.55	
Ethylbenzene*	<0.050	0.050	03/27/2022	ND	1.99	99.4	2.00	3.59	
Total Xylenes*	<0.150	0.150	03/27/2022	ND	6.19	103	6.00	3.70	
Total BTEX	0.740	0.300	03/27/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/28/2022	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	03/28/2022	ND	208	104	200	20.5	
DRO >C10-C28*	<10.0	10.0	03/28/2022	ND	220	110	200	8.66	
EXT DRO >C28-C36	<10.0	10.0	03/28/2022	ND					
Surrogate: 1-Chlorooctane	78.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	84.3	% 59.5-14	12						

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Celeg D. Freene



Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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_			500	DRO	1B	nete	Yes (No	Wet Ice:	Yes No	Temp Blank:		SAMPLE RECEIPT
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ADaPT Other:	Deliverables: EDD	Del		D	llips.con	nocophi	jacquiharris@conocophillips.com	Email:			432-813-6823	Phone: 4
I LPST/UST LTRRP Level IV L	Reporting:Level II Level III PST/UST	Rep	56	NM 882	Loving,NM 88256		City, State ZIP:			701	Midland, TX 79701	City, State ZIP: N
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Page 1 of L												
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			×	1)	G	×		3/24/2022	5')	S-3 (2.5')
Sample Comments			TPI	# of Cont	Water Comp	Soil	Time	Date	ification	Sample Identification
NaOH+Ascorbic Acid: SAPC			1 801		7.48	Corrected Temperature:	Corrected			Containers:
Zn Acetate+NaOH: Zn			5M		79%	Temperature Reading:	Temperat	No NIA	s: Yes	ple Custody Seals:
Na ₂ S ₂ O ₃ : NaSO ₃				Pa	0.55	Factor:	Correction Factor:	No (NIA	Yes	er Custody Seals:
NaHSO ₄ : NABIS	OLD		RO +		123	eter ID:	Thermometer ID:	No	(Yes	eived Intact:
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Preservative Codes		ANALYSIS REQUEST			Turn Around	Turn	.18.22)	SRO State Com #45 (03.18.22)	SRO State	ect Name:
Other:	Deliverables: EDD	Delivera	s.com	ocophillips	Email: jacquiharris@conocophillips.com	Email:			432-813-6823	ne:
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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: 880-14534-1

Laboratory Sample Delivery Group: Eddy Co, NM

Client Project/Site: SRO State Com #45

For:

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

Attn: Conner Moehring

MRAMER

Authorized for release by: 5/12/2022 11:18:05 AM

Jessica Kramer, Project Manager (432)704-5440

Jessica.Kramer@et.eurofinsus.com

·····LINKS ······

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www.eurofinsus.com/Env

Released to Imaging: 9/28/2022 1:38:27 PM

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.

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Client: Carmona Resources Project/Site: SRO State Com #45 Laboratory Job ID: 880-14534-1 SDG: Eddy Co, NM

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Definitions/Glossary

Job ID: 880-14534-1 Client: Carmona Resources Project/Site: SRO State Com #45 SDG: Eddy Co, NM

Qualifiers

GC VOA

Qualifier **Qualifier Description** F1 MS and/or MSD recovery exceeds control limits. S1-Surrogate recovery exceeds control limits, low biased. Indicates the analyte was analyzed for but not detected.

GC Semi VOA

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

HPLC/IC

Qualifier **Qualifier Description**

Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation These commonly used abbreviations may or may not be present in this report. Listed under the "D" column to designate that the result is reported on a dry weight basis

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

DFR 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

Decision Level Concentration (Radiochemistry) DLC

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

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

Method Detection Limit MDL 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

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

TNTC Too Numerous To Count

Eurofins Midland

Case Narrative

Client: Carmona Resources

Job ID: 880-14534-1

Project/Site: SRO State Com #45

SDG: Eddy Co, NM

Job ID: 880-14534-1

Laboratory: Eurofins Midland

Narrative

Job Narrative 880-14534-1

Receipt

The samples were received on 5/9/2022 12:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.3°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-25110 and analytical batch 880-25224 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.

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: S-1 (0-3") (880-14534-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: S-1 (1.5') (880-14534-2). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: S-2 (0-3") (880-14534-3). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

HPLC/IC

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

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Client Sample Results

Client: Carmona Resources Job ID: 880-14534-1 Project/Site: SRO State Com #45 SDG: Eddy Co, NM

Client Sample ID: S-1 (0-3")

Date Collected: 05/07/22 00:00 Date Received: 05/09/22 12:00

Lab Sample ID: 880-14534-1

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.573		0.100		mg/Kg		05/11/22 09:31	05/11/22 18:06	50
Toluene	0.216		0.00199		mg/Kg		05/09/22 13:08	05/10/22 13:12	1
Ethylbenzene	0.263		0.00199		mg/Kg		05/09/22 13:08	05/10/22 13:12	1
m-Xylene & p-Xylene	7.38		0.200		mg/Kg		05/11/22 09:31	05/11/22 18:06	50
o-Xylene	0.0429		0.00199		mg/Kg		05/09/22 13:08	05/10/22 13:12	1
Xylenes, Total	9.96		0.200		mg/Kg		05/11/22 09:31	05/11/22 18:06	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		70 - 130				05/09/22 13:08	05/10/22 13:12	1
1,4-Difluorobenzene (Surr)	28	S1-	70 - 130				05/09/22 13:08	05/10/22 13:12	1

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.522	0.00199	mg/Kg			05/10/22 19:15	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)											
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac				
Total TPH	17300	250	mg/Kg			05/10/22 10:47	1				

Method: 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result Quali	ifier RL	MDL Unit	D	Prepared	Analyzed	Dil Fac			
Gasoline Range Organics (GRO)-C6-C10	8040	250	mg/Kg		05/09/22 15:13	05/10/22 08:00	5			
Diesel Range Organics (Over	8500	250	mg/Kg		05/09/22 15:13	05/10/22 08:00	5			
C10-C28) Oll Range Organics (Over C28-C36)	746	250	mg/Kg		05/09/22 15:13	05/10/22 08:00	5			

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	377	S1+	70 - 130	05/09/22 15:13	05/10/22 08:00	5
o-Terphenyl	107		70 - 130	05/09/22 15:13	05/10/22 08:00	5

Method: 300.0 - Anions, Ion Chron	natography - S	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	428		49.9		mg/Kg			05/12/22 00:13	10

Client Sample ID: S-1 (1.5') Lab Sample ID: 880-14534-2 Date Collected: 05/07/22 00:00 Matrix: Solid

Date Received: 05/09/22 12:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.388		0.00198		mg/Kg		05/09/22 13:08	05/10/22 13:32	1
Toluene	2.77		0.0998		mg/Kg		05/11/22 09:31	05/11/22 18:27	50
Ethylbenzene	0.186		0.00198		mg/Kg		05/09/22 13:08	05/10/22 13:32	1
m-Xylene & p-Xylene	5.76		0.200		mg/Kg		05/11/22 09:31	05/11/22 18:27	50
o-Xylene	2.43		0.0998		mg/Kg		05/11/22 09:31	05/11/22 18:27	50
Xylenes, Total	8.19		0.200		mg/Kg		05/11/22 09:31	05/11/22 18:27	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	73		70 - 130				05/09/22 13:08	05/10/22 13:32	1
1,4-Difluorobenzene (Surr)	41	S1-	70 - 130				05/09/22 13:08	05/10/22 13:32	1

Eurofins Midland

Client Sample ID: S-1 (1.5')

Date Collected: 05/07/22 00:00

Date Received: 05/09/22 12:00

Client Sample Results

Client: Carmona Resources
Project/Site: SRO State Com #45

Result Qualifier

330

Job ID: 880-14534-1 SDG: Eddy Co, NM

Lab Sample ID: 880-14534-2

Matrix: Solid

ib Sample ID: 880-14534-

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.574		0.00198		mg/Kg			05/10/22 19:15	1
Method: 8015 NM - Diesel Rang	ge Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	13500		250		mg/Kg			05/10/22 10:47	1
Method: 8015B NM - Diesel Rar	nge Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	5550		250		mg/Kg		05/09/22 15:13	05/10/22 08:21	5
(GRO)-C6-C10									
Diesel Range Organics (Over	7260		250		mg/Kg		05/09/22 15:13	05/10/22 08:21	5
C10-C28)									
Oll Range Organics (Over	651		250		mg/Kg		05/09/22 15:13	05/10/22 08:21	5
C28-C36)									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	256	S1+	70 - 130				05/09/22 15:13	05/10/22 08:21	5
o-Terphenyl	97		70 - 130				05/09/22 15:13	05/10/22 08:21	5

Client Sample ID: S-2 (0-3")

Date Collected: 05/07/22 00:00

Lab Sample ID: 880-14534-3

Matrix: Solid

RL

49.7

MDL Unit

mg/Kg

D

Prepared

Analyzed

05/12/22 00:38

Date Received: 05/09/22 12:00

Analyte

Chloride

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0390		0.00202		mg/Kg		05/09/22 13:08	05/10/22 13:53	1
Toluene	0.304		0.00202		mg/Kg		05/09/22 13:08	05/10/22 13:53	1
Ethylbenzene	0.162		0.00202		mg/Kg		05/09/22 13:08	05/10/22 13:53	1
m-Xylene & p-Xylene	13.0		0.200		mg/Kg		05/11/22 09:31	05/11/22 18:47	50
o-Xylene	0.319		0.00202		mg/Kg		05/09/22 13:08	05/10/22 13:53	1
Xylenes, Total	17.3		0.200		mg/Kg		05/11/22 09:31	05/11/22 18:47	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				05/09/22 13:08	05/10/22 13:53	1
1,4-Difluorobenzene (Surr)	27	S1-	70 - 130				05/09/22 13:08	05/10/22 13:53	1
Method: Total BTEX - Total B	TEX Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.824		0.00202		mg/Kg			05/10/22 19:15	1
Method: 8015 NM - Diesel Rar	nge Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	18500		250		mg/Kg			05/10/22 10:47	1
Method: 8015B NM - Diesel R	ange Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	4060		250		mg/Kg		05/09/22 15:13	05/10/22 08:41	5

Eurofins Midland

Released to Imaging: 9/28/2022 1:38:27 PM

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Dil Fac

Client: Carmona Resources Job ID: 880-14534-1 Project/Site: SRO State Com #45 SDG: Eddy Co, NM

Client Sample ID: S-2 (0-3") Lab Sample ID: 880-14534-3 Date Collected: 05/07/22 00:00

Matrix: Solid

Date Received: 05/09/22 12:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over	13200		250		mg/Kg		05/09/22 15:13	05/10/22 08:41	5
C10-C28)									
Oll Range Organics (Over	1260		250		mg/Kg		05/09/22 15:13	05/10/22 08:41	5
C28-C36)									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	424	S1+	70 - 130				05/09/22 15:13	05/10/22 08:41	5
o-Terphenyl	164	S1+	70 - 130				05/09/22 15:13	05/10/22 08:41	5
- Method: 300.0 - Anions, Ion Ch	romatography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	436	-	25.0		mg/Kg			05/12/22 00:46	5

Client Sample ID: S-3 (0-3") Lab Sample ID: 880-14534-4 Date Collected: 05/07/22 00:00 **Matrix: Solid**

Date Received: 05/09/22 12:00

1,4-Difluorobenzene (Surr)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00859		0.00200		mg/Kg		05/09/22 13:08	05/10/22 14:13	1
Toluene	0.103		0.00200		mg/Kg		05/09/22 13:08	05/10/22 14:13	1
Ethylbenzene	0.215		0.00200		mg/Kg		05/09/22 13:08	05/10/22 14:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130				05/09/22 13:08	05/10/22 14:13	1

Method: 8021B - Volatile Organic	Compounds (GC) - DL5							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	12.1		0.201		mg/Kg		05/11/22 09:31	05/11/22 19:08	50
o-Xylene	4.77		0.101		mg/Kg		05/11/22 09:31	05/11/22 19:08	50
Xylenes, Total	16.9		0.201		mg/Kg		05/11/22 09:31	05/11/22 19:08	50

70 - 130

11 S1-

Method: Total BTEX - Total BTEX Calculation								
	Analyte	Result Qualifier	RL	MDL U	nit D	Prepared	Analyzed	Dil Fac
	Total BTEX	0.327	0.00200	m	ng/Kg		05/10/22 19:15	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)							
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	27300	250	mg/Kg			05/10/22 10:47	1

Analyte	Result Qualifier	RL	MDL Uni	it D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	2480	250	mg/	g/Kg	05/09/22 15:13	05/10/22 05:04	5
Diesel Range Organics (Over C10-C28)	22500	250	mg/	g/Kg	05/09/22 15:13	05/10/22 05:04	5
Oll Range Organics (Over C28-C36)	2310	250	mg/	g/Kg	05/09/22 15:13	05/10/22 05:04	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzea	DII Fac
1-Chlorooctane	115		70 - 130	05/09/22 15:13	05/10/22 05:04	5
o-Terphenyl	90		70 - 130	05/09/22 15:13	05/10/22 05:04	5

Eurofins Midland

Job ID: 880-14534-1

SDG: Eddy Co, NM

Project/Site: SRO State Com #45

Client: Carmona Resources

Lab Sample ID: 880-14534-4

Matrix: Solid

Matrix: Solid

Client Sample ID: S-3 (0-3") Date Collected: 05/07/22 00:00

Date	Received:	05/09/22 12:00	

١	Method: 300.0 - Anions, Ion Chromatography - Soluble									
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Chloride	229		25.0		mg/Kg			05/12/22 00:54	5

Client Sample ID: H-1 (0-3") Lab Sample ID: 880-14534-5

Date Collected: 05/07/22 00:00 Date Received: 05/09/22 12:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/09/22 13:08	05/10/22 14:33	1
Toluene	0.00341		0.00202		mg/Kg		05/09/22 13:08	05/10/22 14:33	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/09/22 13:08	05/10/22 14:33	1
m-Xylene & p-Xylene	0.0116		0.00404		mg/Kg		05/09/22 13:08	05/10/22 14:33	1
o-Xylene	0.00348		0.00202		mg/Kg		05/09/22 13:08	05/10/22 14:33	1
Xylenes, Total	0.0151		0.00404		mg/Kg		05/09/22 13:08	05/10/22 14:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				05/09/22 13:08	05/10/22 14:33	1
1,4-Difluorobenzene (Surr)	89		70 - 130				05/09/22 13:08	05/10/22 14:33	1

Method: Total BTEX - Total BTEX Calculation								
	Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
	Total BTEX	0.0185	0.00404	mg/Kg			05/10/22 19:15	1

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			05/10/22 10:47	1

Method: 8015B NM - Diesel Rang	ge Organics (D	RO) (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		05/09/22 15:13	05/10/22 04:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/09/22 15:13	05/10/22 04:43	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/09/22 15:13	05/10/22 04:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

1-Chlorooctane	113	70 - 130	05/09/22 15:13	05/10/22 04:43	1
o-Terphenyl	114	70 - 130	05/09/22 15:13	05/10/22 04:43	1

method: 300.0 - Amons, for Chromatography - Soluble								
	Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
	Chloride	88.1	5.01	mg/Kg			05/12/22 01:02	1

Client Sample ID: H-2 (0-3") Lab Sample ID: 880-14534-6 Date Collected: 05/07/22 00:00 **Matrix: Solid**

Date Received: 05/09/22 12:00

Method: 8021B - Volatile Organic Compounds (GC)											
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
Benzene	<0.00201	U	0.00201		mg/Kg		05/09/22 13:08	05/10/22 14:54	1		
Toluene	0.00420		0.00201		mg/Kg		05/09/22 13:08	05/10/22 14:54	1		
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/09/22 13:08	05/10/22 14:54	1		

Eurofins Midland

Client: Carmona Resources Job ID: 880-14534-1 Project/Site: SRO State Com #45 SDG: Eddy Co, NM

Client Sample ID: H-2 (0-3") Lab Sample ID: 880-14534-6

Date Collected: 05/07/22 00:00 Matrix: Solid Date Received: 05/09/22 12:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	0.00731		0.00402		mg/Kg		05/09/22 13:08	05/10/22 14:54	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/09/22 13:08	05/10/22 14:54	1
Xylenes, Total	0.00731		0.00402		mg/Kg		05/09/22 13:08	05/10/22 14:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				05/09/22 13:08	05/10/22 14:54	1
1,4-Difluorobenzene (Surr)	90		70 - 130				05/09/22 13:08	05/10/22 14:54	1
Method: Total BTEX - Total BTE	K Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0115		0.00402		mg/Kg			05/10/22 19:15	1
Method: 8015 NM - Diesel Range	organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/10/22 10:47	1
Method: 8015B NM - Diesel Rang	ge Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		05/09/22 15:13	05/10/22 04:22	1
(GRO)-C6-C10	.40.0		40.0		11.6		05/00/00 45 40	05/40/00 04 00	
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		05/09/22 15:13	05/10/22 04:22	1
C10-C28) OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/09/22 15:13	05/10/22 04:22	1
0	0/5	0	1 : : 4				D	Amakanad	D# 5-
Surrogate	%Recovery	Quaimer	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane o-Terphenyl	118		70 - 130				05/09/22 15:13	05/10/22 04:22	1
	117		70 - 130				05/09/22 15:13	05/10/22 04:22	1

Client Sample ID: H-3 (0-3") Lab Sample ID: 880-14534-7 Date Collected: 05/07/22 00:00 **Matrix: Solid**

RL

4.97

MDL Unit

mg/Kg

Prepared

Analyzed

05/12/22 01:10

Result Qualifier

87.1

Date Received: 05/09/22 12:00

Analyte

Chloride

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/09/22 13:08	05/10/22 15:14	1
Toluene	0.00328		0.00200		mg/Kg		05/09/22 13:08	05/10/22 15:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/22 13:08	05/10/22 15:14	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/09/22 13:08	05/10/22 15:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/22 13:08	05/10/22 15:14	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/09/22 13:08	05/10/22 15:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				05/09/22 13:08	05/10/22 15:14	1
1,4-Difluorobenzene (Surr)	95		70 - 130				05/09/22 13:08	05/10/22 15:14	1
- Method: Total BTEX - Total B1	EX Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/10/22 19:15	1

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Dil Fac

Client Sample ID: H-3 (0-3")

Chloride

Job ID: 880-14534-1 SDG: Eddy Co, NM

Client: Carmona Resources Project/Site: SRO State Com #45

Lab Sample ID: 880-14534-7

Date Collected: 05/07/22 00:00 Matrix: Solid Date Received: 05/09/22 12:00

05/12/22 01:19

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/10/22 10:47	1
Method: 8015B NM - Diesel Rang	ge Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		05/09/22 15:13	05/10/22 04:01	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		05/09/22 15:13	05/10/22 04:01	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/09/22 15:13	05/10/22 04:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130				05/09/22 15:13	05/10/22 04:01	1
o-Terphenyl	117		70 - 130				05/09/22 15:13	05/10/22 04:01	

4.95 Client Sample ID: H-4 (0-3") Lab Sample ID: 880-14534-8

mg/Kg

mg/Kg

05/09/22 15:13

Prepared

05/09/22 15:13

Date Collected: 05/07/22 00:00 **Matrix: Solid** Date Received: 05/09/22 12:00

75.2

<49.9 U

%Recovery Qualifier

111

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/09/22 13:08	05/10/22 15:35	1
Toluene	0.00273		0.00200		mg/Kg		05/09/22 13:08	05/10/22 15:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/22 13:08	05/10/22 15:35	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/09/22 13:08	05/10/22 15:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/22 13:08	05/10/22 15:35	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/09/22 13:08	05/10/22 15:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				05/09/22 13:08	05/10/22 15:35	1
1,4-Difluorobenzene (Surr)	96		70 - 130				05/09/22 13:08	05/10/22 15:35	1
Method: Total BTEX - Total B1	TEV Coloulation								
		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte			RL	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 05/10/22 19:15	Dil Fac
Analyte Total BTEX	Result <0.00401	U		MDL		<u>D</u>	Prepared		Dil Fac
Analyte Total BTEX Method: 8015 NM - Diesel Rar	Result <0.00401	U		MDL	mg/Kg	<u>D</u>	Prepared Prepared		Dil Fac
Analyte Total BTEX Method: 8015 NM - Diesel Rar Analyte	Result <0.00401	O) (GC) Qualifier	0.00401		mg/Kg			05/10/22 19:15	1
Analyte Total BTEX Method: 8015 NM - Diesel Rar Analyte Total TPH	Result <0.00401 nge Organics (DR Result <49.9	U O) (GC) Qualifier U	0.00401		mg/Kg			05/10/22 19:15 Analyzed	1
Analyte Total BTEX Method: 8015 NM - Diesel Rar Analyte Total TPH Method: 8015B NM - Diesel Ra	Result <0.00401 age Organics (DR Result <49.9 ange Organics (D	U O) (GC) Qualifier U	0.00401	MDL	mg/Kg			05/10/22 19:15 Analyzed	1
Analyte Total BTEX Method: 8015 NM - Diesel Rar Analyte Total TPH Method: 8015B NM - Diesel Ra Analyte Gasoline Range Organics	Result <0.00401 age Organics (DR Result <49.9 ange Organics (D	U O) (GC) Qualifier U RO) (GC) Qualifier	0.00401 RL 49.9	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared	05/10/22 19:15 Analyzed 05/10/22 10:47	Dil Fac
Analyte Total BTEX Method: 8015 NM - Diesel Rar Analyte Total TPH Method: 8015B NM - Diesel Ra Analyte	Result <0.00401 age Organics (DR Result <49.9 ange Organics (D Result	O) (GC) Qualifier U RO) (GC) Qualifier U	0.00401 RL 49.9	MDL	mg/Kg Unit mg/Kg Unit	<u>D</u>	Prepared Prepared	05/10/22 19:15 Analyzed 05/10/22 10:47 Analyzed	Dil Fa

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05/10/22 03:41

Analyzed

05/10/22 03:41

49.9

Limits

70 - 130

Dil Fac

C10-C28)

Surrogate

1-Chlorooctane

OII Range Organics (Over C28-C36)

Client Sample Results

Client: Carmona Resources

Job ID: 880-14534-1

Project/Site: SRO State Com #45

SDG: Eddy Co, NM

Client Sample ID: H-4 (0-3")

Lab Sample ID: 880-14534-8

Date Collected: 05/07/22 00:00 Matrix: Solid
Date Received: 05/09/22 12:00

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

 Surrogate
 %Recovery o-Terphenyl
 Qualifier
 Limits
 Prepared 05/09/22 15:13
 Analyzed 05/10/22 03:41
 Dil Fact 05/09/22 15:13

 Method: 300.0 - Anions, Ion Chromatography - Soluble

 Analyte
 Result
 Qualifier
 RL
 MDL
 Unit
 D
 Prepared
 Analyzed
 Dil Fac

 Chloride
 71.9
 4.96
 mg/Kg
 05/12/22 01:27
 1

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14

Surrogate Summary

Client: Carmona Resources

Job ID: 880-14534-1

Project/Site: SRO State Com #45

SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-14532-A-11-A MS	Matrix Spike	105	91	
880-14532-A-11-B MSD	Matrix Spike Duplicate	107	99	
880-14534-1	S-1 (0-3")	77	28 S1-	
880-14534-2	S-1 (1.5')	73	41 S1-	
880-14534-3	S-2 (0-3")	115	27 S1-	
880-14534-4	S-3 (0-3")	123	11 S1-	
880-14534-5	H-1 (0-3")	98	89	
880-14534-6	H-2 (0-3")	108	90	
880-14534-7	H-3 (0-3")	99	95	
880-14534-8	H-4 (0-3")	102	96	
880-14654-A-2-C MS	Matrix Spike	105	97	
880-14654-A-2-D MSD	Matrix Spike Duplicate	100	101	
LCS 880-25110/1-A	Lab Control Sample	98	99	
LCS 880-25315/1-A	Lab Control Sample	100	99	
LCSD 880-25110/2-A	Lab Control Sample Dup	103	96	
LCSD 880-25315/2-A	Lab Control Sample Dup	102	96	
MB 880-25110/5-A	Method Blank	101	95	
	Method Blank	96	96	

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

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

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		1CO1	OTPH1	
ab Sample ID	Client Sample ID	(70-130)	(70-130)	
80-14534-1	S-1 (0-3")	377 S1+	107	
80-14534-2	S-1 (1.5')	256 S1+	97	
80-14534-3	S-2 (0-3")	424 S1+	164 S1+	
80-14534-4	S-3 (0-3")	115	90	
80-14534-5	H-1 (0-3")	113	114	
80-14534-6	H-2 (0-3")	118	117	
80-14534-7	H-3 (0-3")	119	117	
80-14534-8	H-4 (0-3")	111	107	
90-2285-A-1-C MS	Matrix Spike	93	81	
90-2285-A-1-D MSD	Matrix Spike Duplicate	96	82	
.CS 880-25130/2-A	Lab Control Sample	123	111	
.CSD 880-25130/3-A	Lab Control Sample Dup	129	117	
/IB 880-25130/1-A	Method Blank	101	99	

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

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Client: Carmona Resources Project/Site: SRO State Com #45 Job ID: 880-14534-1

SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-25110/5-A

Matrix: Solid

Analysis Batch: 25224

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 25110

MB	MB	•

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/09/22 13:08	05/10/22 12:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/22 13:08	05/10/22 12:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/22 13:08	05/10/22 12:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/09/22 13:08	05/10/22 12:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/22 13:08	05/10/22 12:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/09/22 13:08	05/10/22 12:02	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	05/09/22 13:08	05/10/22 12:02	1
1,4-Difluorobenzene (Surr)	95		70 - 130	05/09/22 13:08	05/10/22 12:02	1

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 25110

Lab Sample ID: LCS 880-25110/1-A

Matrix: Solid

Analysis Batch: 25224

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.07835		mg/Kg		78	70 - 130	
Toluene	0.100	0.08287		mg/Kg		83	70 - 130	
Ethylbenzene	0.100	0.08401		mg/Kg		84	70 - 130	
m-Xylene & p-Xylene	0.200	0.1737		mg/Kg		87	70 - 130	
o-Xylene	0.100	0.09512		mg/Kg		95	70 - 130	
I and the second								

LCS LCS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	98	70 - 130
1,4-Difluorobenzene (Surr)	99	70 - 130

Lab Sample ID: LCSD 880-25110/2-A

Matrix: Solid

Analyte

Benzene

Toluene

o-Xylene

Ethylbenzene

m-Xylene & p-Xylene

Analysis Batch: 25224

Client Sample ID: Lab Control Sample Dup
--

Prep Type: Total/NA

70 - 130

Prep Batch: 25110

35

RPD LCSD LCSD Spike %Rec Added Result Qualifier Unit %Rec Limits Limit 0.100 0.07829 mg/Kg 78 70 - 130 0 35 0.100 0.08275 mg/Kg 83 70 - 130 0 35 0.100 0.08661 mg/Kg 87 70 - 130 3 35 0.200 0.1794 mg/Kg 90 70 - 130 3 35

mg/Kg

0.09783

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1.4-Difluorobenzene (Surr)	96		70 ₋ 130

Lab Sample ID: 880-14532-A-11-A MS

Matrix: Solid

Analysis Batch: 25224

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

Prep Batch: 25110

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00202	U F1	0.0996	0.06253	F1	mg/Kg	_	63	70 - 130	
Toluene	<0.00202	U	0.0996	0.07143		mg/Kg		71	70 - 130	

0.100

Eurofins Midland

Client: Carmona Resources Project/Site: SRO State Com #45 Job ID: 880-14534-1

Client Sample ID: Matrix Spike Duplicate

SDG: Eddy Co, NM

Prep Type: Total/NA

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

Lab

Mat

Ana

ab Sample ID: 880-14532-A-11-A MS	Client Sample ID: Matrix Spike
atrix: Solid	Prep Type: Total/NA
nalysis Batch: 25224	Prep Batch: 25110

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Ethylbenzene	<0.00202	U	0.0996	0.07421		mg/Kg		75	70 - 130	
m-Xylene & p-Xylene	<0.00404	U	0.199	0.1548		mg/Kg		78	70 - 130	
o-Xylene	<0.00202	U	0.0996	0.08317		mg/Kg		84	70 - 130	
	MS	MS								

Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 105 70 - 130 1,4-Difluorobenzene (Surr) 91 70 - 130

Lab Sample ID: 880-14532-A-11-B MSD

Matrix: Solid

Analysis Batch: 25224									Prep	Batch:	25110
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00202	U F1	0.0992	0.06892	F1	mg/Kg		69	70 - 130	10	35
Toluene	<0.00202	U	0.0992	0.07014		mg/Kg		70	70 - 130	2	35
Ethylbenzene	<0.00202	U	0.0992	0.06951		mg/Kg		70	70 - 130	7	35
m-Xylene & p-Xylene	<0.00404	U	0.198	0.1422		mg/Kg		72	70 - 130	8	35
o-Xylene	<0.00202	U	0.0992	0.07647		mg/Kg		77	70 - 130	8	35

MSD MSD Surrogate %Recovery Qualifier Limits 107 70 - 130 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) 99 70 - 130

Lab Sample ID: MB 880-25315/5-A

Matrix: Solid

Analysis Batch: 25304

	Client Sample ID: Method Blank
	Prep Type: Total/NA
	Prep Batch: 25315
MR MR	

	IND	IVID							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/11/22 09:31	05/11/22 15:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/11/22 09:31	05/11/22 15:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/11/22 09:31	05/11/22 15:34	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/11/22 09:31	05/11/22 15:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/11/22 09:31	05/11/22 15:34	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/11/22 09:31	05/11/22 15:34	1

	IVID	INID				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	05/11/22 09:31	05/11/22 15:34	1
1,4-Difluorobenzene (Surr)	96		70 - 130	05/11/22 09:31	05/11/22 15:34	1

MR MR

Lab Sample ID: LCS 880-25315/1-A

Matrix: Solid Analysis Batch: 25304							•	ype: Total/NA Batch: 25315
Analysis Batch. 20004	Spike	LCS	LCS				%Rec	Datcii. 20010
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.09186		mg/Kg		92	70 - 130	
Toluene	0.100	0.08944		mg/Kg		89	70 - 130	
Ethylbenzene	0.100	0.09136		mg/Kg		91	70 - 130	
m-Xylene & p-Xylene	0.200	0.1901		mg/Kg		95	70 - 130	

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Client Sample ID: Lab Control Sample

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QC Sample Results

Client: Carmona Resources

Job ID: 880-14534-1

Project/Site: SRO State Com #45

SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-25315/1-A

Matrix: Solid

Analysis Batch: 25304

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 25315

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
o-Xylene	0.100	0.1017		mg/Kg	_	102	70 - 130	

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-25315/2-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid Prep Type: Total/NA
Analysis Batch: 25304 Prep Batch: 25315

Spike	LCSD	LCSD				%Rec		RPD
Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
0.100	0.08822		mg/Kg		88	70 - 130	4	35
0.100	0.09236		mg/Kg		92	70 - 130	3	35
0.100	0.09445		mg/Kg		94	70 - 130	3	35
0.200	0.1984		mg/Kg		99	70 - 130	4	35
0.100	0.1070		mg/Kg		107	70 - 130	5	35
	Added 0.100 0.100 0.100 0.200	Added Result 0.100 0.08822 0.100 0.09236 0.100 0.09445 0.200 0.1984	Added Result Qualifier 0.100 0.08822 0.100 0.09236 0.100 0.09445 0.200 0.1984	Added Result Qualifier Unit 0.100 0.08822 mg/Kg 0.100 0.09236 mg/Kg 0.100 0.09445 mg/Kg 0.200 0.1984 mg/Kg	Added Result Qualifier Unit D 0.100 0.08822 mg/Kg 0.100 0.09236 mg/Kg 0.100 0.09445 mg/Kg 0.200 0.1984 mg/Kg	Added Result Qualifier Unit D %Rec 0.100 0.08822 mg/Kg 88 0.100 0.09236 mg/Kg 92 0.100 0.09445 mg/Kg 94 0.200 0.1984 mg/Kg 99	Added Result Qualifier Unit D %Rec Limits 0.100 0.08822 mg/Kg 88 70 - 130 0.100 0.09236 mg/Kg 92 70 - 130 0.100 0.09445 mg/Kg 94 70 - 130 0.200 0.1984 mg/Kg 99 70 - 130	Added Result Qualifier Unit D %Rec Limits RPD 0.100 0.08822 mg/Kg 88 70 - 130 4 0.100 0.09236 mg/Kg 92 70 - 130 3 0.100 0.09445 mg/Kg 94 70 - 130 3 0.200 0.1984 mg/Kg 99 70 - 130 4

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 880-14654-A-2-C MS

Matrix: Solid

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

Analysis Batch: 25304

Prep Batch: 25315

Sample Sample Sample Spike MS MS

**Rec

	Sample	Sample	Spike	IVIO	IVIO				/onec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00199	U	0.0962	0.06869		mg/Kg		71	70 - 130	
Toluene	< 0.00199	U F1	0.0962	0.06632	F1	mg/Kg		69	70 - 130	
Ethylbenzene	< 0.00199	U F1	0.0962	0.05811	F1	mg/Kg		60	70 - 130	
m-Xylene & p-Xylene	<0.00398	U F1	0.192	0.1197	F1	mg/Kg		62	70 - 130	
o-Xylene	<0.00199	U F1	0.0962	0.06441	F1	mg/Kg		67	70 - 130	

	IVIS	IVIS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 880-14654-A-2-D MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Solid Prep Type: Total/NA
Analysis Batch: 25304 Prep Batch: 25315

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00199	U	0.100	0.08682		mg/Kg		86	70 - 130	23	35
Toluene	<0.00199	U F1	0.100	0.07955		mg/Kg		79	70 - 130	18	35
Ethylbenzene	<0.00199	U F1	0.100	0.07262		mg/Kg		72	70 - 130	22	35
m-Xylene & p-Xylene	<0.00398	U F1	0.201	0.1486		mg/Kg		74	70 - 130	22	35
o-Xylene	<0.00199	U F1	0.100	0.08075		mg/Kg		80	70 - 130	23	35

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Client: Carmona Resources Project/Site: SRO State Com #45 Job ID: 880-14534-1

SDG: Eddy Co, NM

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

Lab Sample ID: 880-14654-A-2-D MSD

Matrix: Solid

Analysis Batch: 25304

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 25315

MSD MSD

%Recovery Qualifier Surrogate Limits 4-Bromofluorobenzene (Surr) 100 70 - 130 1,4-Difluorobenzene (Surr) 101 70 - 130

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

Lab Sample ID: MB 880-25130/1-A

Matrix: Solid

Analysis Batch: 25068

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 25130

MD MD

	IVID	IVID							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		05/09/22 15:13	05/09/22 21:24	1
(GRO)-C6-C10 Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		05/09/22 15:13	05/09/22 21:24	1
C10-C28) OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/09/22 15:13	05/09/22 21:24	1
,									

MB MB

Surrogate	%Recovery	Qualifier	Limits	Pre	pared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	05/09/	22 15:13	05/09/22 21:24	1
o-Terphenyl	99		70 - 130	05/09/	22 15:13	05/09/22 21:24	1

Lab Sample ID: LCS 880-25130/2-A

Matrix: Solid

Analysis Batch: 25068

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 25130

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	1041		mg/Kg		104	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	1215		mg/Kg		122	70 - 130	
C10-C28)								

LCS LCS

Surrogate	%Recovery Qualifier	Limits
1-Chlorooctane	123	70 - 130
o-Terphenyl	111	70 - 130

Lab Sample ID: LCSD 880-25130/3-A

Matrix: Solid

Analysis Batch: 25068

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 25130

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	1000	1036	-	mg/Kg		104	70 - 130	0	20
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	1183		mg/Kg		118	70 - 130	3	20
C10 C28)									

	LCSD LCSD	
Surrogate	%Recovery Qualifier	Limits
1-Chlorooctane	129	70 - 130
o-Terphenyl	117	70 - 130

Client: Carmona Resources Project/Site: SRO State Com #45

Job ID: 880-14534-1 SDG: Eddy Co, NM

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

Lab Sample ID: 890-2285-A-1-C MS Client Sample ID: Matrix Spike **Matrix: Solid** Prep Type: Total/NA Analysis Batch: 25068 Prep Batch: 25130

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	<50.0	U	1000	955.7		mg/Kg		92	70 - 130	
(GRO)-C6-C10										
Diesel Range Organics (Over	<50.0	U	1000	894.8		mg/Kg		87	70 - 130	
C10 C20\										

C10-C28)

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	93		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: 890-2285-A-1-D MSD Client Sample ID: Matrix Spike Duplicate Prep Type: Total/NA

Matrix: Solid

Analysis Batch: 25068									Prep	Batch:	25130
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	<50.0	U	998	946.1		mg/Kg		91	70 - 130	1	20
(GRO)-C6-C10											
Diesel Range Organics (Over	<50.0	U	998	923.6		mg/Kg		90	70 - 130	3	20

C10-C28)

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	96		70 - 130
o-Terphenyl	82		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-25207/1-A Client Sample ID: Method Blank **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 25349

MB MB Analyte Result Qualifier MDL Unit Prepared Dil Fac Analyzed Chloride <5.00 U 5.00 05/11/22 21:21 mg/Kg

Lab Sample ID: LCS 880-25207/2-A Client Sample ID: Lab Control Sample **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 25349

	Бріке	LUS	LUS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	250	264.2		mg/Kg		106	90 - 110	

Lab Sample ID: LCSD 880-25207/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 25349

	Spike	LCSD	LCSD			%Rec		RPD
Analyte	Added	Result	Qualifier	Unit D	%Rec	Limits	RPD	Limit
Chloride	250	264.6		mg/Kg	106	90 - 110	0	20

QC Sample Results

Client: Carmona Resources Job ID: 880-14534-1 Project/Site: SRO State Com #45 SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-14493-A-3-C MS Client Sample ID: Matrix Spike **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 25349

Sample Sample Spike MS MS %Rec Result Qualifier Added Analyte Result Qualifier Unit %Rec Limits Chloride 9.75 248 270.6 mg/Kg 105 90 - 110

Lab Sample ID: 880-14493-A-3-D MSD Client Sample ID: Matrix Spike Duplicate **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 25349

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	9.75		248	264.5		mg/Kg		103	90 - 110	2	20

Lab Sample ID: 880-14524-A-2-C MS Client Sample ID: Matrix Spike

Matrix: Solid Prep Type: Soluble

Analysis Batch: 25349

Analysis Daton. 20045										
	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	6590		2500	9065		mg/Kg		99	90 - 110	

Lab Sample ID: 880-14524-A-2-D MSD **Client Sample ID: Matrix Spike Duplicate Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 25349

7 many old Batolii 200 id											
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	6590		2500	9093		mg/Kg		100	90 - 110	0	20

Client: Carmona Resources

Job ID: 880-14534-1

Project/Site: SRO State Com #45

SDG: Eddy Co, NM

GC VOA

Prep Batch: 25110

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14534-1	S-1 (0-3")	Total/NA	Solid	5035	
880-14534-2	S-1 (1.5')	Total/NA	Solid	5035	
880-14534-3	S-2 (0-3")	Total/NA	Solid	5035	
880-14534-4	S-3 (0-3")	Total/NA	Solid	5035	
880-14534-5	H-1 (0-3")	Total/NA	Solid	5035	
880-14534-6	H-2 (0-3")	Total/NA	Solid	5035	
880-14534-7	H-3 (0-3")	Total/NA	Solid	5035	
880-14534-8	H-4 (0-3")	Total/NA	Solid	5035	
MB 880-25110/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-25110/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-25110/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-14532-A-11-A MS	Matrix Spike	Total/NA	Solid	5035	
880-14532-A-11-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 25224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14534-1	S-1 (0-3")	Total/NA	Solid	8021B	25110
880-14534-2	S-1 (1.5')	Total/NA	Solid	8021B	25110
880-14534-3	S-2 (0-3")	Total/NA	Solid	8021B	25110
880-14534-4	S-3 (0-3")	Total/NA	Solid	8021B	25110
880-14534-5	H-1 (0-3")	Total/NA	Solid	8021B	25110
880-14534-6	H-2 (0-3")	Total/NA	Solid	8021B	25110
880-14534-7	H-3 (0-3")	Total/NA	Solid	8021B	25110
880-14534-8	H-4 (0-3")	Total/NA	Solid	8021B	25110
MB 880-25110/5-A	Method Blank	Total/NA	Solid	8021B	25110
LCS 880-25110/1-A	Lab Control Sample	Total/NA	Solid	8021B	25110
LCSD 880-25110/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	25110
880-14532-A-11-A MS	Matrix Spike	Total/NA	Solid	8021B	25110
880-14532-A-11-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	25110

Analysis Batch: 25296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14534-1	S-1 (0-3")	Total/NA	Solid	Total BTEX	
880-14534-2	S-1 (1.5')	Total/NA	Solid	Total BTEX	
880-14534-3	S-2 (0-3")	Total/NA	Solid	Total BTEX	
880-14534-4	S-3 (0-3")	Total/NA	Solid	Total BTEX	
880-14534-5	H-1 (0-3")	Total/NA	Solid	Total BTEX	
880-14534-6	H-2 (0-3")	Total/NA	Solid	Total BTEX	
880-14534-7	H-3 (0-3")	Total/NA	Solid	Total BTEX	
880-14534-8	H-4 (0-3")	Total/NA	Solid	Total BTEX	

Analysis Batch: 25304

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14534-1	S-1 (0-3")	Total/NA	Solid	8021B	25315
880-14534-2	S-1 (1.5')	Total/NA	Solid	8021B	25315
880-14534-3	S-2 (0-3")	Total/NA	Solid	8021B	25315
880-14534-4 - DL5	S-3 (0-3")	Total/NA	Solid	8021B	25315
MB 880-25315/5-A	Method Blank	Total/NA	Solid	8021B	25315
LCS 880-25315/1-A	Lab Control Sample	Total/NA	Solid	8021B	25315
LCSD 880-25315/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	25315
880-14654-A-2-C MS	Matrix Spike	Total/NA	Solid	8021B	25315

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Client: Carmona Resources Project/Site: SRO State Com #45 Job ID: 880-14534-1 SDG: Eddy Co, NM

GC VOA (Continued)

Analysis Batch: 25304 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14654-A-2-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	25315

Prep Batch: 25315

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14534-1	S-1 (0-3")	Total/NA	Solid	5035	<u> </u>
880-14534-2	S-1 (1.5')	Total/NA	Solid	5035	
880-14534-3	S-2 (0-3")	Total/NA	Solid	5035	
880-14534-4 - DL5	S-3 (0-3")	Total/NA	Solid	5035	
MB 880-25315/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-25315/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-25315/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-14654-A-2-C MS	Matrix Spike	Total/NA	Solid	5035	
880-14654-A-2-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

GC Semi VOA

Analysis Batch: 25068

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14534-1	S-1 (0-3")	Total/NA	Solid	8015B NM	25130
880-14534-2	S-1 (1.5')	Total/NA	Solid	8015B NM	25130
880-14534-3	S-2 (0-3")	Total/NA	Solid	8015B NM	25130
880-14534-4	S-3 (0-3")	Total/NA	Solid	8015B NM	25130
880-14534-5	H-1 (0-3")	Total/NA	Solid	8015B NM	25130
880-14534-6	H-2 (0-3")	Total/NA	Solid	8015B NM	25130
880-14534-7	H-3 (0-3")	Total/NA	Solid	8015B NM	25130
880-14534-8	H-4 (0-3")	Total/NA	Solid	8015B NM	25130
MB 880-25130/1-A	Method Blank	Total/NA	Solid	8015B NM	25130
LCS 880-25130/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	25130
LCSD 880-25130/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	25130
890-2285-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	25130
890-2285-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	25130

Prep Batch: 25130

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14534-1	S-1 (0-3")	Total/NA	Solid	8015NM Prep	
880-14534-2	S-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-14534-3	S-2 (0-3")	Total/NA	Solid	8015NM Prep	
880-14534-4	S-3 (0-3")	Total/NA	Solid	8015NM Prep	
880-14534-5	H-1 (0-3")	Total/NA	Solid	8015NM Prep	
880-14534-6	H-2 (0-3")	Total/NA	Solid	8015NM Prep	
880-14534-7	H-3 (0-3")	Total/NA	Solid	8015NM Prep	
880-14534-8	H-4 (0-3")	Total/NA	Solid	8015NM Prep	
MB 880-25130/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-25130/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-25130/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2285-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-2285-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 25257

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
880-14534-1	S-1 (0-3")	Total/NA	Solid	8015 NM	

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Client: Carmona Resources

Job ID: 880-14534-1

Project/Site: SRO State Com #45

SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 25257 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14534-2	S-1 (1.5')	Total/NA	Solid	8015 NM	
880-14534-3	S-2 (0-3")	Total/NA	Solid	8015 NM	
880-14534-4	S-3 (0-3")	Total/NA	Solid	8015 NM	
880-14534-5	H-1 (0-3")	Total/NA	Solid	8015 NM	
880-14534-6	H-2 (0-3")	Total/NA	Solid	8015 NM	
880-14534-7	H-3 (0-3")	Total/NA	Solid	8015 NM	
880-14534-8	H-4 (0-3")	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 25207

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14534-1	S-1 (0-3")	Soluble	Solid	DI Leach	_
880-14534-2	S-1 (1.5')	Soluble	Solid	DI Leach	
880-14534-3	S-2 (0-3")	Soluble	Solid	DI Leach	
880-14534-4	S-3 (0-3")	Soluble	Solid	DI Leach	
880-14534-5	H-1 (0-3")	Soluble	Solid	DI Leach	
880-14534-6	H-2 (0-3")	Soluble	Solid	DI Leach	
880-14534-7	H-3 (0-3")	Soluble	Solid	DI Leach	
880-14534-8	H-4 (0-3")	Soluble	Solid	DI Leach	
MB 880-25207/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-25207/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-25207/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-14493-A-3-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-14493-A-3-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	
880-14524-A-2-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-14524-A-2-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 25349

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14534-1	S-1 (0-3")	Soluble	Solid	300.0	25207
880-14534-2	S-1 (1.5')	Soluble	Solid	300.0	25207
880-14534-3	S-2 (0-3")	Soluble	Solid	300.0	25207
880-14534-4	S-3 (0-3")	Soluble	Solid	300.0	25207
880-14534-5	H-1 (0-3")	Soluble	Solid	300.0	25207
880-14534-6	H-2 (0-3")	Soluble	Solid	300.0	25207
880-14534-7	H-3 (0-3")	Soluble	Solid	300.0	25207
880-14534-8	H-4 (0-3")	Soluble	Solid	300.0	25207
MB 880-25207/1-A	Method Blank	Soluble	Solid	300.0	25207
LCS 880-25207/2-A	Lab Control Sample	Soluble	Solid	300.0	25207
LCSD 880-25207/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	25207
880-14493-A-3-C MS	Matrix Spike	Soluble	Solid	300.0	25207
880-14493-A-3-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	25207
880-14524-A-2-C MS	Matrix Spike	Soluble	Solid	300.0	25207
880-14524-A-2-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	25207

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Client: Carmona Resources Project/Site: SRO State Com #45 Job ID: 880-14534-1 SDG: Eddy Co, NM

Lab Sample ID: 880-14534-1

Matrix: Solid

Client Sample ID: S-1 (0-3")

Date Collected: 05/07/22 00:00 Date Received: 05/09/22 12:00

	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	25110	05/09/22 13:08	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25224	05/10/22 13:12	MR	XEN MID
Total/NA	Prep	5035			5.00 g	5 mL	25315	05/11/22 09:31	MR	XEN MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	25304	05/11/22 18:06	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25296	05/10/22 19:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25257	05/10/22 10:47	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	25130	05/09/22 15:13	DM	XEN MID
Total/NA	Analysis	8015B NM		5			25068	05/10/22 08:00	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	25207	05/09/22 16:46	SC	XEN MID
Soluble	Analysis	300.0		10			25349	05/12/22 00:13	CH	XEN MID

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-14534-2

Date Collected: 05/07/22 00:00 Matrix: Solid
Date Received: 05/09/22 12:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	25110	05/09/22 13:08	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25224	05/10/22 13:32	MR	XEN MID
Total/NA	Prep	5035			5.01 g	5 mL	25315	05/11/22 09:31	MR	XEN MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	25304	05/11/22 18:27	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25296	05/10/22 19:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25257	05/10/22 10:47	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	25130	05/09/22 15:13	DM	XEN MID
Total/NA	Analysis	8015B NM		5			25068	05/10/22 08:21	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	25207	05/09/22 16:46	SC	XEN MI
Soluble	Analysis	300.0		10			25349	05/12/22 00:38	CH	XEN MI

Client Sample ID: S-2 (0-3")

Lab Sample ID: 880-14534-3

Date Collected: 05/07/22 00:00
Date Received: 05/09/22 12:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	25110	05/09/22 13:08	MR	XEN MIC
Total/NA	Analysis	8021B		1	5 mL	5 mL	25224	05/10/22 13:53	MR	XEN MID
Total/NA	Prep	5035			4.99 g	5 mL	25315	05/11/22 09:31	MR	XEN MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	25304	05/11/22 18:47	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25296	05/10/22 19:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25257	05/10/22 10:47	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	25130	05/09/22 15:13	DM	XEN MID
Total/NA	Analysis	8015B NM		5			25068	05/10/22 08:41	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	25207	05/09/22 16:46	SC	XEN MID
Soluble	Analysis	300.0		5			25349	05/12/22 00:46	CH	XEN MI

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Matrix: Solid

Date Received: 05/09/22 12:00

Client: Carmona Resources Project/Site: SRO State Com #45

Lab Sample ID: 880-14534-4

Client Sample ID: S-3 (0-3") Date Collected: 05/07/22 00:00 **Matrix: Solid**

Job ID: 880-14534-1

SDG: Eddy Co, NM

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	25110	05/09/22 13:08	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25224	05/10/22 14:13	MR	XEN MID
Total/NA	Prep	5035	DL5		4.97 g	5 mL	25315	05/11/22 09:31	MR	XEN MID
Total/NA	Analysis	8021B	DL5	50	5 mL	5 mL	25304	05/11/22 19:08	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25296	05/10/22 19:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25257	05/10/22 10:47	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	25130	05/09/22 15:13	DM	XEN MID
Total/NA	Analysis	8015B NM		5			25068	05/10/22 05:04	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	25207	05/09/22 16:46	SC	XEN MID
Soluble	Analysis	300.0		5			25349	05/12/22 00:54	CH	XEN MID

Client Sample ID: H-1 (0-3") Lab Sample ID: 880-14534-5 Date Collected: 05/07/22 00:00 Matrix: Solid

Date Received: 05/09/22 12:00

Batch Batch Dil Initial Final Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Total/NA 5035 Prep 25110 05/09/22 13:08 MR XEN MID 4.95 g 5 mL 8021B Total/NA Analysis 5 mL 5 mL 25224 05/10/22 14:33 MR XEN MID 05/10/22 19:15 Total/NA Analysis Total BTEX 1 25296 A.I XEN MID 8015 NM Total/NA Analysis 1 25257 05/10/22 10:47 SM XEN MID Total/NA 8015NM Prep XEN MID Prep 10.02 g 10 mL 25130 05/09/22 15:13 DM Total/NA Analysis 8015B NM 25068 05/10/22 04:43 AJXEN MID Soluble 25207 SC XEN MID Leach DI Leach 4.99 g 50 mL 05/09/22 16:46

Lab Sample ID: 880-14534-6 Client Sample ID: H-2 (0-3")

25349

05/12/22 01:02

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Date Collected: 05/07/22 00:00 Date Received: 05/09/22 12:00

Analysis

300.0

Soluble

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	25110	05/09/22 13:08	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25224	05/10/22 14:54	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25296	05/10/22 19:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25257	05/10/22 10:47	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	25130	05/09/22 15:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25068	05/10/22 04:22	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	25207	05/09/22 16:46	SC	XEN MID
Soluble	Analysis	300.0		1			25349	05/12/22 01:10	CH	XEN MID

Eurofins Midland

XEN MID

Lab Chronicle

Client: Carmona Resources Job ID: 880-14534-1 Project/Site: SRO State Com #45 SDG: Eddy Co, NM

Client Sample ID: H-3 (0-3")

Date Collected: 05/07/22 00:00 Date Received: 05/09/22 12:00

Lab Sample ID: 880-14534-7

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	25110	05/09/22 13:08	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25224	05/10/22 15:14	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25296	05/10/22 19:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25257	05/10/22 10:47	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	25130	05/09/22 15:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25068	05/10/22 04:01	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	25207	05/09/22 16:46	SC	XEN MID
Soluble	Analysis	300.0		1			25349	05/12/22 01:19	CH	XEN MID

Client Sample ID: H-4 (0-3") Lab Sample ID: 880-14534-8 Date Collected: 05/07/22 00:00 Matrix: Solid

Date Received: 05/09/22 12:00

	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	25110	05/09/22 13:08	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25224	05/10/22 15:35	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25296	05/10/22 19:15	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25257	05/10/22 10:47	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	25130	05/09/22 15:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25068	05/10/22 03:41	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	25207	05/09/22 16:46	SC	XEN MID
Soluble	Analysis	300.0		1			25349	05/12/22 01:27	CH	XEN MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources

Job ID: 880-14534-1

Project/Site: SRO State Com #45

SDG: Eddy Co, NM

Laboratory: Eurofins Midland

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

		ogram	Identification Number	Expiration Date
		ELAP	T104704400-21-22	06-30-22
The following analytes	are included in this report, bu	it the laboratory is not certific	ed by the governing authority. This list ma	av include analytes for w
the agency does not of	. ,		ou by the generaling duriently.	ly molade analytes for w
the agency does not of Analysis Method	. ,	Matrix	Analyte	y moide analytes for w
0 ,	fer certification.	•	, , ,	

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Method Summary

Client: Carmona Resources Project/Site: SRO State Com #45 Job ID: 880-14534-1 SDG: Eddy Co, NM

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

Eurofins Midland

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Sample Summary

Client: Carmona Resources Project/Site: SRO State Com #45 Job ID: 880-14534-1 SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-14534-1	S-1 (0-3")	Solid	05/07/22 00:00	05/09/22 12:00
880-14534-2	S-1 (1.5')	Solid	05/07/22 00:00	05/09/22 12:00
880-14534-3	S-2 (0-3")	Solid	05/07/22 00:00	05/09/22 12:00
880-14534-4	S-3 (0-3")	Solid	05/07/22 00:00	05/09/22 12:00
880-14534-5	H-1 (0-3")	Solid	05/07/22 00:00	05/09/22 12:00
880-14534-6	H-2 (0-3")	Solid	05/07/22 00:00	05/09/22 12:00
880-14534-7	H-3 (0-3")	Solid	05/07/22 00:00	05/09/22 12:00
880-14534-8	H-4 (0-3")	Solid	05/07/22 00:00	05/09/22 12:00

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					-						
			×	×		<u></u>	×		5/7/2022)-3")	H-4 (0-3")
	880-14534 Chain of Custody		×	×	>	G	×		5/7/2022)-3")	H-3 (0-3")
			×	×		G	×		5/7/2022)-3")	H-2 (0-3")
			×	×	1	G	×		5/7/2022)-3")	H-1 (0-3")
			×	×	-1	9	×		5/7/2022)-3")	S-3 (0-3")
			×	×	1	9	×		5/7/2022)-3")	S-2 (0-3")
			×	×	1	G	×		5/7/2022	1 5')	S-1 (1 5)
			×	×	1	G	×		5/7/2022	0-1')	S-1 (0-1')
Sample Comments			TF		cont	Water Comp	Soil	Time	Date	ntification	Sample Identification
NaOH+Ascorbic Acid SAPC			'H 80	_L	₩-	205	Corrected Temperature	Corrected			lotal Containers.
Zn Acetate+NaOH Zn				E	.L		Temperature Reading	Tempera	S NO NE	als Yes	Sample Custody Seals
Na ₂ S ₂ O ₃ . NaSO ₃	Н		(Gi	зте)	 P	14	n Factor	Correction Factor	8	+	Cooler Custody Seals
NaHSO, NABIS	OLD			(80	ara	7	neter ID	I hermometer ID	eş No	-	Received Intact.
H ₃ PO ₄ HP				21B	me	No.	Wet Ice	Yes Wo	ū	+	DAMPLE RECEIVE
172'004 172 NACH NA											
			MR		-	ed by 4 30pm	lab, if received by 4 30pm				PO#
<u>v</u>			O) 			/2 Hour	TAT date		CRM		Sampler's Name
				-	Code	Nosi					Fioject Notitoel
			_		Pres.	J Duch	Politina				Drainet Number
Preservative Codes	QUEST	ANALYSIS REQUEST				Turn Around	Turn	O1	SRO State Com #45	SR	Project Name.
ADaPT Other	Deliverables EDD		η	nilips.co	conocopi	jacqui harris@conocophillips.com	Email		23	432-813-6823	Phone
ST/UST GRRP G Level IV	Reporting Level III Level III PST/UST		Loving, NM 88256	Loving,		City, State ZIP			79701	Midland, TX 79701	City, State ZIP
	State of Project:		15 W London Rd	15 W L		Address			St Ste 415	310 W Wall St Ste 415	Address.
□PRP □Brownfields □RRC □uperfund □	Program: UST/PST PRP Bro			cog		Company Name			esources	Carmona Resources	Company Name
Work Order Comments	Work Orde		darris	Jacqui Harris		Bill to (if different)			ehring	Conner Moehring	Project Manager
Page / of /		And designation of the state of									
,											

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-14534-1

SDG Number: Eddy Co, NM

List Source: Eurofins Midland

Login Number: 14534 List Number: 1 Creator: Teel, Brianna

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-15959-1

Laboratory Sample Delivery Group: Eddy Co, NM

Client Project/Site: SRO State Com #45 (03.18.22/4.01.22)

For:

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

Attn: Conner Moehring

RAMER

Authorized for release by: 6/17/2022 11:43:15 AM

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

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

Client: Carmona Resources Project/Site: SRO State Com #45 (03.18.22/4.01.22) Laboratory Job ID: 880-15959-1 SDG: Eddy Co, NM

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Definitions/Glossary

Job ID: 880-15959-1 Client: Carmona Resources Project/Site: SRO State Com #45 (03.18.22/4.01.22) SDG: Eddy Co, NM

Qualifiers

GC VOA

Qualifier **Qualifier Description** MS and/or MSD recovery exceeds control limits.

U Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier **Qualifier Description** *1

LCS/LCSD RPD exceeds control limits. F1 MS and/or MSD recovery exceeds control limits. S1-Surrogate recovery exceeds control limits, low biased.

Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier **Qualifier Description**

U Indicates the analyte was analyzed for but not detected.

Glossary

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

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

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

Duplicate Error Ratio (normalized absolute difference) DER

Dil Fac **Dilution Factor**

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) Limit of Quantitation (DoD/DOE) LOQ

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

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

Practical Quantitation Limit PQL

PRES Presumptive **Quality Control** QC

Relative Error Ratio (Radiochemistry) **RER**

Reporting Limit or Requested Limit (Radiochemistry) RL

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

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

TNTC Too Numerous To Count

Case Narrative

Client: Carmona Resources

Project/Site: SRO State Com #45 (03.18.22/4.01.22)

Job ID: 880-15959-1

SDG: Eddy Co, NM

Job ID: 880-15959-1

Laboratory: Eurofins Midland

Narrative

Job Narrative 880-15959-1

Receipt

The samples were received on 6/16/2022 8:31 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.3°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for preparation batch 880-27659 and analytical batch 880-27651 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.

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 RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-27655 and analytical batch 880-27649 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10.

Method 8015MOD NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-27655 and analytical batch 880-27649 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.

Method 8015MOD NM: Surrogate recovery for the following samples were outside control limits: CS-3 (3') (880-15959-6), (LCSD 880-27656/3-A), (880-15959-A-6-D MS) and (880-15959-A-6-E MSD). Evidence of matrix interferences is not obvious.

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

HPLC/IC

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

Client Sample Results

Client: Carmona Resources

Client Sample ID: SW-1 (3')

Date Collected: 06/15/22 00:00

Date Received: 06/16/22 08:31

Project/Site: SRO State Com #45 (03.18.22/4.01.22)

SDG: Eddy Co, NM

Lab Sample ID: 880-15959-1

Matrix: Solid

Job ID: 880-15959-1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0165	F1	0.00201		mg/Kg		06/16/22 08:55	06/16/22 22:52	1
Toluene	0.0706	F1	0.00201		mg/Kg		06/16/22 08:55	06/16/22 22:52	1
Ethylbenzene	0.00991	F1	0.00201		mg/Kg		06/16/22 08:55	06/16/22 22:52	1
m-Xylene & p-Xylene	0.0416	F1	0.00402		mg/Kg		06/16/22 08:55	06/16/22 22:52	1
o-Xylene	0.0207	F1	0.00201		mg/Kg		06/16/22 08:55	06/16/22 22:52	1
Xylenes, Total	0.0623	F1	0.00402		mg/Kg		06/16/22 08:55	06/16/22 22:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130				06/16/22 08:55	06/16/22 22:52	1
1,4-Difluorobenzene (Surr)	86		70 - 130				06/16/22 08:55	06/16/22 22:52	1
Method: Total BTEX - Total BT	EX Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.159	0.00402	mg/Kg			06/17/22 09:21	1

Method: 8015 NM - Die	sel Range Organic	cs (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/16/22 15:30	1

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

Analyte	Result	Qualifier	RL	MDL Uni	:	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		Kg		06/16/22 08:35	06/16/22 11:29	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9	mg/	Kg		06/16/22 08:35	06/16/22 11:29	1
C10-C28)									
Oll Range Organics (Over C28-C	36) <49.9	U	49.9	mg/	Kg		06/16/22 08:35	06/16/22 11:29	1

	Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	1-Chlorooctane	90		70 - 130	06/16/22 08:35	06/16/22 11:29	1
l	o-Terphenyl	94		70 - 130	06/16/22 08:35	06/16/22 11:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.6		5.00		mg/Kg			06/17/22 01:11	1

Client Sample ID: SW-2 (3')

Date Collected: 06/15/22 00:00 Date Received: 06/16/22 08:31

Lab Sample	ID: 880-1	15959-2
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Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0128		0.00199		mg/Kg		06/16/22 08:55	06/16/22 23:12	1
Toluene	0.0580		0.00199		mg/Kg		06/16/22 08:55	06/16/22 23:12	1
Ethylbenzene	0.00810		0.00199		mg/Kg		06/16/22 08:55	06/16/22 23:12	1
m-Xylene & p-Xylene	0.0342		0.00398		mg/Kg		06/16/22 08:55	06/16/22 23:12	1
o-Xylene	0.0177		0.00199		mg/Kg		06/16/22 08:55	06/16/22 23:12	1
Xylenes, Total	0.0519		0.00398		mg/Kg		06/16/22 08:55	06/16/22 23:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				06/16/22 08:55	06/16/22 23:12	1
1,4-Difluorobenzene (Surr)	92		70 - 130				06/16/22 08:55	06/16/22 23:12	1

Client Sample Results

Client: Carmona Resources

Project/Site: SRO State Com #45 (03.18.22/4.01.22)

SDG: Eddy Co, NM

Lab Sample ID: 880-15959-2

Client Sample ID: SW-2 (3') Date Collected: 06/15/22 00:00

Date Received: 06/16/22 08:31

Matrix: Solid

Job ID: 880-15959-1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.131		0.00398		mg/Kg			06/17/22 09:21	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/16/22 15:30	1
Method: 8015B NM - Diesel Rang	e Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		06/16/22 08:35	06/16/22 12:34	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		06/16/22 08:35	06/16/22 12:34	1
C10-C28)									
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/16/22 08:35	06/16/22 12:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				06/16/22 08:35	06/16/22 12:34	1
o-Terphenyl	90		70 - 130				06/16/22 08:35	06/16/22 12:34	1
Method: 300.0 - Anions, Ion Chro	matography -	Soluble							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	51.8		4.99		mg/Kg			06/17/22 01:35	1

Client Sample ID: SW-3 (3') Lab Sample ID: 880-15959-3

Date Collected: 06/15/22 00:00

Date Received: 06/16/22 08:31

Released to Imaging: 9/28/2022 1:38:27 PM

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0140		0.00199		mg/Kg		06/16/22 08:55	06/16/22 23:33	1
Toluene	0.0579		0.00199		mg/Kg		06/16/22 08:55	06/16/22 23:33	1
Ethylbenzene	0.00825		0.00199		mg/Kg		06/16/22 08:55	06/16/22 23:33	1
m-Xylene & p-Xylene	0.0353		0.00398		mg/Kg		06/16/22 08:55	06/16/22 23:33	1
o-Xylene	0.0183		0.00199		mg/Kg		06/16/22 08:55	06/16/22 23:33	1
Xylenes, Total	0.0536		0.00398		mg/Kg		06/16/22 08:55	06/16/22 23:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130				06/16/22 08:55	06/16/22 23:33	1
							00/10/00 00 55	06/16/22 23:33	1
		Qualifier	70 ₋ 130 RL	MDL	Unit	D	06/16/22 08:55 Prepared		·
1,4-Difluorobenzene (Surr) Method: Total BTEX - Total B			70 - 130				06/16/22 08:55	06/16/22 23:33	1
	TEX Calculation	Qualifier		MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 06/17/22 09:21	Dil Fac
Method: Total BTEX - Total B Analyte Total BTEX	TEX Calculation Result 0.134		RL	MDL		<u>D</u>		Analyzed	
Method: Total BTEX - Total B Analyte	TEX Calculation Result 0.134 nge Organics (DR		RL			<u>D</u>		Analyzed	
Method: Total BTEX - Total B Analyte Total BTEX Method: 8015 NM - Diesel Ra	TEX Calculation Result 0.134 nge Organics (DR	O) (GC) Qualifier			mg/Kg	_ =	Prepared	Analyzed 06/17/22 09:21	Dil Fac
Method: Total BTEX - Total B Analyte Total BTEX Method: 8015 NM - Diesel Ra Analyte	TEX Calculation Result 0.134 nge Organics (DRO Result <50.0	O) (GC) Qualifier			mg/Kg	_ =	Prepared	Analyzed 06/17/22 09:21 Analyzed	Dil Fac
Method: Total BTEX - Total B Analyte Total BTEX Method: 8015 NM - Diesel Ra Analyte Total TPH Method: 8015B NM - Diesel R	TEX Calculation Result 0.134 nge Organics (DR Result <50.0 ange Organics (D	O) (GC) Qualifier		MDL	mg/Kg	_ =	Prepared	Analyzed 06/17/22 09:21 Analyzed	Dil Fac
Method: Total BTEX - Total B Analyte Total BTEX Method: 8015 NM - Diesel Ra Analyte Total TPH	TEX Calculation Result 0.134 nge Organics (DR Result <50.0 ange Organics (D	Qualifier U RO) (GC) Qualifier	RL 0.00398 RL 50.0	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 06/17/22 09:21 Analyzed 06/16/22 15:30	Dil Fac

Eurofins Midland

Matrix: Solid

Client: Carmona Resources

Project/Site: SRO State Com #45 (03.18.22/4.01.22)

Job ID: 880-15959-1

SDG: Eddy Co, NM

Client Sample ID: SW-3 (3')

Date Collected: 06/15/22 00:00 Date Received: 06/16/22 08:31

Lab Sample ID: 880-15959-3

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/16/22 08:35	06/16/22 12:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130			06/16/22 08:35	06/16/22 12:56	1
o-Terphenyl	87		70 - 130			06/16/22 08:35	06/16/22 12:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Chloride 4.95 06/17/22 01:43 56.7 mg/Kg

Client Sample ID: CS-1 (3')

Date Collected: 06/15/22 00:00

Lab Sample ID: 880-15959-4

Matrix: Solid

Date Received: 06/16/22 08:31

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00421		0.00200		mg/Kg		06/16/22 08:55	06/16/22 23:53	1
Toluene	0.0231		0.00200		mg/Kg		06/16/22 08:55	06/16/22 23:53	1
Ethylbenzene	0.00409		0.00200		mg/Kg		06/16/22 08:55	06/16/22 23:53	1
m-Xylene & p-Xylene	0.0192		0.00399		mg/Kg		06/16/22 08:55	06/16/22 23:53	1
o-Xylene	0.00954		0.00200		mg/Kg		06/16/22 08:55	06/16/22 23:53	1
Xylenes, Total	0.0287		0.00399		mg/Kg		06/16/22 08:55	06/16/22 23:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				06/16/22 08:55	06/16/22 23:53	1
1,4-Difluorobenzene (Surr)	91		70 - 130				06/16/22 08:55	06/16/22 23:53	1

Method: Total BTEX - Total BTEX	Calculation						
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0601	0.00399	mg/Kg			06/17/22 09:21	1
Method: 8015 NM - Diesel Range	Organics (DRO) (GC)						
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0 U	50.0	mg/Kg			06/16/22 15:30	1

-	-00.0	J	00.0		mg/rtg			00/10/22 10:00	•
- Method: 8015B NM - Diesel Rang	je Organics (D	RO) (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		06/16/22 08:35	06/16/22 13:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/16/22 08:35	06/16/22 13:18	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/16/22 08:35	06/16/22 13:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				06/16/22 08:35	06/16/22 13:18	1
o-Terphenyl	92		70 - 130				06/16/22 08:35	06/16/22 13:18	1

Method: 300.0 - Anions, Ion Chroma	tography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	100		4.97		mg/Kg			06/17/22 01:50	1

Client Sample Results

Client: Carmona Resources

Project/Site: SRO State Com #45 (03.18.22/4.01.22) SDG: Eddy Co, NM

Lab Sample ID: 880-15959-5

Client Sample ID: CS-2 (3')

Date Collected: 06/15/22 00:00 Date Received: 06/16/22 08:31

Matrix: Solid

Job ID: 880-15959-1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00574		0.00199		mg/Kg		06/16/22 08:55	06/17/22 00:14	1
Toluene	0.0315		0.00199		mg/Kg		06/16/22 08:55	06/17/22 00:14	1
Ethylbenzene	0.00497		0.00199		mg/Kg		06/16/22 08:55	06/17/22 00:14	1
m-Xylene & p-Xylene	0.0222		0.00398		mg/Kg		06/16/22 08:55	06/17/22 00:14	1
o-Xylene	0.0116		0.00199		mg/Kg		06/16/22 08:55	06/17/22 00:14	1
Xylenes, Total	0.0338		0.00398		mg/Kg		06/16/22 08:55	06/17/22 00:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				06/16/22 08:55	06/17/22 00:14	1
1,4-Difluorobenzene (Surr)	92		70 - 130				06/16/22 08:55	06/17/22 00:14	1
Method: Total BTEX - Total BTEX	X Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0760		0.00398		mg/Kg			06/17/22 09:21	1
Method: 8015 NM - Diesel Range		O) (GC)	0.0000		9/9			00,11722 00.21	
Method: 8015 NM - Diesel Range	e Organics (DR			MDI		n	Propared		Dil Eac
	e Organics (DR	Qualifier	RL 49.9	MDL	Unit	<u>D</u>	Prepared	Analyzed 06/16/22 15:30	
Method: 8015 NM - Diesel Range Analyte	e Organics (DR	Qualifier	RL	MDL		<u>D</u>	Prepared	Analyzed	
Method: 8015 NM - Diesel Range Analyte	e Organics (DR Result <49.9	Qualifier U	RL	MDL	Unit	<u>D</u>	Prepared	Analyzed	
Method: 8015 NM - Diesel Range Analyte Total TPH	e Organics (DR Result <49.9	Qualifier U	RL	MDL	Unit mg/Kg	D	Prepared Prepared	Analyzed	1
Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Rang	e Organics (DR Result <49.9	Qualifier U RO) (GC) Qualifier	RL 49.9		Unit mg/Kg		· · ·	Analyzed 06/16/22 15:30	1 Dil Fac
Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10	e Organics (DR Result <49.9 ge Organics (DR Result <49.9	Qualifier U RO) (GC) Qualifier U *1	RL 49.9 RL 49.9		Unit mg/Kg Unit mg/Kg		Prepared 06/16/22 08:31	Analyzed 06/16/22 15:30 Analyzed 06/16/22 11:30	Dil Fac
Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	e Organics (DR Result <49.9 ge Organics (DI Result	Qualifier U RO) (GC) Qualifier U *1	RL 49.9		Unit mg/Kg		Prepared	Analyzed 06/16/22 15:30 Analyzed	Dil Fac
Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	ge Organics (DR Result <49.9 ge Organics (DR Result <49.9	Qualifier U RO) (GC) Qualifier U *1 U F1	RL 49.9 RL 49.9 49.9		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 06/16/22 08:31 06/16/22 08:31	Analyzed 06/16/22 15:30 Analyzed 06/16/22 11:30 06/16/22 11:30	1 Dil Fac
Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	e Organics (DR Result <49.9 ge Organics (DR Result <49.9	Qualifier U RO) (GC) Qualifier U *1 U F1	RL 49.9 RL 49.9		Unit mg/Kg Unit mg/Kg		Prepared 06/16/22 08:31	Analyzed 06/16/22 15:30 Analyzed 06/16/22 11:30	Dil Fac
Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	ge Organics (DR Result <49.9 ge Organics (DR Result <49.9	Qualifier U RO) (GC) Qualifier U*1 U F1	RL 49.9 RL 49.9 49.9		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 06/16/22 08:31 06/16/22 08:31	Analyzed 06/16/22 15:30 Analyzed 06/16/22 11:30 06/16/22 11:30	1 Dil Fac
Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	ge Organics (DR/Result <49.9	Qualifier U RO) (GC) Qualifier U*1 U F1	RL 49.9 RL 49.9 49.9 49.9		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 06/16/22 08:31 06/16/22 08:31	Analyzed 06/16/22 15:30 Analyzed 06/16/22 11:30 06/16/22 11:30	Dil Fac
Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	ge Organics (DR/Result <49.9 Georganics (DR/Result <49.9 449.9 449.9 **Recovery**	Qualifier U RO) (GC) Qualifier U*1 U F1	RL 49.9 RL 49.9 49.9 49.9 Limits		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 06/16/22 08:31 06/16/22 08:31 06/16/22 08:31 Prepared	Analyzed 06/16/22 15:30 Analyzed 06/16/22 11:30 06/16/22 11:30 Analyzed	Dil Fac
Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	ge Organics (DR/Result < 49.9 ge Organics (DR/Result < 49.9	Qualifier U RO) (GC) Qualifier U *1 U F1 U Qualifier	RL 49.9 RL 49.9 49.9 49.9 Limits 70 - 130		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 06/16/22 08:31 06/16/22 08:31 06/16/22 08:31 Prepared 06/16/22 08:31	Analyzed 06/16/22 15:30 Analyzed 06/16/22 11:30 06/16/22 11:30 Analyzed 06/16/22 11:30	Dil Fac
Method: 8015 NM - Diesel Range Analyte Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	ge Organics (DRc Result <49.9 ge Organics (D Result <49.9 49.9 49.9 49.9 **Recovery 99 102 omatography -	Qualifier U RO) (GC) Qualifier U *1 U F1 U Qualifier	RL 49.9 RL 49.9 49.9 49.9 Limits 70 - 130		Unit mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 06/16/22 08:31 06/16/22 08:31 06/16/22 08:31 Prepared 06/16/22 08:31	Analyzed 06/16/22 15:30 Analyzed 06/16/22 11:30 06/16/22 11:30 Analyzed 06/16/22 11:30	Dil Fac

Client Sample ID: CS-3 (3') Lab Sample ID: 880-15959-6 Date Collected: 06/15/22 00:00 **Matrix: Solid**

Date Received: 06/16/22 08:31

Method: 8021B - Volatile Organic Compounds (GC) Result Qualifier Analyte MDL Unit D Dil Fac RL Prepared Analyzed Benzene 0.00477 0.00200 mg/Kg 06/16/22 08:55 06/17/22 00:34 **Toluene** 0.0251 0.00200 mg/Kg 06/16/22 08:55 06/17/22 00:34 Ethylbenzene 0.00430 0.00200 mg/Kg 06/16/22 08:55 06/17/22 00:34 m-Xylene & p-Xylene 0.0238 0.00400 mg/Kg 06/16/22 08:55 06/17/22 00:34 o-Xylene 0.0117 0.00200 mg/Kg 06/16/22 08:55 06/17/22 00:34 0.00400 06/16/22 08:55 06/17/22 00:34 0.0355 mg/Kg **Xylenes, Total** %Recovery Qualifier Limits Dil Fac Surrogate Prepared Analyzed 96 70 - 130 06/16/22 08:55 06/17/22 00:34 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) 95 70 - 130 06/16/22 08:55 06/17/22 00:34

Client Sample Results

Client: Carmona Resources

Job ID: 880-15959-1 Project/Site: SRO State Com #45 (03.18.22/4.01.22) SDG: Eddy Co, NM

Lab Sample ID: 880-15959-6

Client Sample ID: CS-3 (3') Date Collected: 06/15/22 00:00

Matrix: Solid

Method: Total BTEX - Total BTEX Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0697	Quamer	0.00400	INDL	mg/Kg		Troparea	06/17/22 09:21	
- Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	<49.9	U	49.9		mg/Kg			06/16/22 15:30	
- Method: 8015B NM - Diesel Rang	e Organics (Di	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		06/16/22 08:32	06/16/22 11:30	-
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		06/16/22 08:32	06/16/22 11:30	
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/16/22 08:32	06/16/22 11:30	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	81		70 - 130				06/16/22 08:32	06/16/22 11:30	
o-Terphenyl	0.04	S1-	70 - 130				06/16/22 08:32	06/16/22 11:30	
Method: 300.0 - Anions, Ion Chro	matography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Chloride	205		4.98		mg/Kg			06/17/22 02:22	

Released to Imaging: 9/28/2022 1:38:27 PM

Surrogate Summary

Client: Carmona Resources

Project/Site: SRO State Com #45 (03.18.22/4.01.22)

Job ID: 880-15959-1

SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

880-15959-1 SW 880-15959-1 MS SW 880-15959-1 MSD SW 880-15959-2 SW 880-15959-3 SW	ent Sample ID /-1 (3') /-1 (3') /-1 (3') /-2 (3')	87 101 96	DFBZ1 (70-130) 86 99 93	
880-15959-1 SW 880-15959-1 MS SW 880-15959-1 MSD SW 880-15959-2 SW 880-15959-3 SW	/-1 (3') /-1 (3') /-1 (3')	87 101 96	86 99 93	
880-15959-1 MS SW 880-15959-1 MSD SW 880-15959-2 SW 880-15959-3 SW	/-1 (3') /-1 (3') /-2 (3')	101 96	99 93	
880-15959-1 MSD SW 880-15959-2 SW 880-15959-3 SW	/-1 (3') /-2 (3')	96	93	
880-15959-2 SW 880-15959-3 SW	/-2 (3')			
880-15959-3 SW	` '	91		
			92	
000 45050 4	/-3 (3')	86	90	
380-15959-4 CS	-1 (3')	100	91	
380-15959-5 CS	-2 (3')	93	92	
380-15959-6 CS	-3 (3')	96	95	
LCS 880-27659/1-A Lal	Control Sample	100	103	
LCSD 880-27659/2-A Lal	Control Sample Dup	102	97	
MB 880-27627/5-A Me	thod Blank	94	96	
MB 880-27659/5-A Me	thod Blank	95	97	

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recove
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-15959-1	SW-1 (3')	90	94	
880-15959-1 MS	SW-1 (3')	97	91	
880-15959-1 MSD	SW-1 (3')	95	91	
880-15959-2	SW-2 (3')	87	90	
880-15959-3	SW-3 (3')	83	87	
880-15959-4	CS-1 (3')	91	92	
880-15959-5	CS-2 (3')	99	102	
880-15959-5 MS	CS-2 (3')	82	77	
880-15959-5 MSD	CS-2 (3')	82	78	
880-15959-6	CS-3 (3')	81	0.04 S1-	
880-15959-6 MS	CS-3 (3')	78	8 S1-	
880-15959-6 MSD	CS-3 (3')	78	7 S1-	
LCS 880-27655/2-A	Lab Control Sample	94	96	
LCS 880-27656/2-A	Lab Control Sample	90	85	
LCS 880-27658/2-A	Lab Control Sample	115	120	
LCSD 880-27655/3-A	Lab Control Sample Dup	88	90	
LCSD 880-27656/3-A	Lab Control Sample Dup	98	12 S1-	
LCSD 880-27658/3-A	Lab Control Sample Dup	122	124	
MB 880-27655/1-A	Method Blank	84	95	
MB 880-27656/1-A	Method Blank	84	0.05 S1-	
MB 880-27658/1-A	Method Blank	110	122	

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Eurofins Midland

2

3

7

9

11

40

Client: Carmona Resources

Project/Site: SRO State Com #45 (03.18.22/4.01.22)

Job ID: 880-15959-1

SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-27627/5-A

Analysis Batch: 27651

Matrix: Solid

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27627

	МВ	МВ							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/15/22 15:37	06/16/22 10:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/15/22 15:37	06/16/22 10:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/15/22 15:37	06/16/22 10:45	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/15/22 15:37	06/16/22 10:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/15/22 15:37	06/16/22 10:45	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/15/22 15:37	06/16/22 10:45	1

мв мв

мв мв

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	06/15/22 15:37	06/16/22 10:45	1
1,4-Difluorobenzene (Surr)	96		70 - 130	06/15/22 15:37	06/16/22 10:45	1

Lab Sample ID: MB 880-27659/5-A

Matrix: Solid

Analysis Batch: 27651

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27659

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:55	06/16/22 22:23	
Toluene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:55	06/16/22 22:23	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:55	06/16/22 22:23	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/16/22 08:55	06/16/22 22:23	
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:55	06/16/22 22:23	
Xylenes, Total	< 0.00400	U	0.00400		mg/Kg		06/16/22 08:55	06/16/22 22:23	

мв мв

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	06/16/22 08:55	06/16/22 22:23	1
1,4-Difluorobenzene (Surr)	97		70 - 130	06/16/22 08:55	06/16/22 22:23	1

Lab Sample ID: LCS 880-27659/1-A

Matrix: Solid

Analysis Batch: 27651

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

Prep Batch: 27659

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.09753		mg/Kg		98	70 - 130	
Toluene	0.100	0.09009		mg/Kg		90	70 - 130	
Ethylbenzene	0.100	0.09260		mg/Kg		93	70 - 130	
m-Xylene & p-Xylene	0.200	0.1814		mg/Kg		91	70 - 130	
o-Xylene	0.100	0.1011		mg/Kg		101	70 - 130	

LCS LCS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	100	70 _ 130
1.4-Difluorobenzene (Surr)	103	70 - 130

Lab Sample ID: LCSD 880-27659/2-A

Matrix: Solid

Analysis Batch: 27651

Client Sample ID: Lab	Control Sample Dup
	Dren Trees Total/NA

Prep Type: Total/NA

Prep Batch: 27659

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.08955		mg/Kg		90	70 - 130	9	35

QC Sample Results

Client: Carmona Resources

Project/Site: SRO State Com #45 (03.18.22/4.01.22)

Job ID: 880-15959-1

SDG: Eddy Co, NM

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

Lab Sample ID: LCSD 880-27659/2-A

Matrix: Solid

Analysis Batch: 27651

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA Prep Batch: 27659

Spike LCSD LCSD %Rec **RPD** Analyte Added Result Qualifier Unit %Rec Limits **RPD** Limit D Toluene 0.100 0.09173 92 70 - 130 35 mg/Kg 2 Ethylbenzene 0.100 0.09588 mg/Kg 96 70 - 130 3 35 0.200 0.1888 70 - 130 m-Xylene & p-Xylene mg/Kg 94 35 o-Xylene 0.100 0.1046 mg/Kg 105 70 - 130 3 35

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 880-15959-1 MS Client Sample ID: SW-1 (3')

Matrix: Solid

Analysis Batch: 27651

Prep Type: Total/NA

Prep Batch: 27659

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.0165	F1	0.100	0.06354	F1	mg/Kg		47	70 - 130	
Toluene	0.0706	F1	0.100	0.08936	F1	mg/Kg		19	70 - 130	
Ethylbenzene	0.00991	F1	0.100	0.06254	F1	mg/Kg		53	70 - 130	
m-Xylene & p-Xylene	0.0416	F1	0.200	0.1390	F1	mg/Kg		49	70 - 130	
o-Xylene	0.0207	F1	0.100	0.07701	F1	mg/Kg		56	70 - 130	

MS MS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	101	70 - 130
1.4-Difluorobenzene (Surr)	99	70 - 130

Lab Sample ID: 880-15959-1 MSD

Matrix: Solid

Analysis Batch: 27651

Client Sample ID: SW-1 (3') Prep Type: Total/NA

Prep Batch: 27659

Sample Sample %Rec MSD MSD RPD Spike Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit Benzene 0.0165 F1 0.0998 0.06638 F1 mg/Kg 50 70 - 130 35 Toluene 0.0706 F1 0.0998 0.09462 F1 mg/Kg 24 70 - 130 6 35 Ethylbenzene 0.00991 F1 0.0998 0.06579 F1 mg/Kg 56 70 - 130 5 35 0.200 0.1458 F1 52 70 - 130 35 m-Xylene & p-Xylene 0.0416 F1 mg/Kg 0.0998 0.07982 F1 o-Xylene 0.0207 F1 mg/Kg 70 - 130 35

MSD MSD

Surrogate	76Recovery	Qualifier	LIIIIII
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

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

Lab Sample ID: MB 880-27655/1-A

Matrix: Solid

Analysis Batch: 27649

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

Prep Batch: 27655

MB MB Analyte Result Qualifier RL MDL Unit Prepared <50.0 U 50.0 06/16/22 08:31 06/16/22 10:25 Gasoline Range Organics mg/Kg

(GRO)-C6-C10

Client: Carmona Resources

Project/Site: SRO State Com #45 (03.18.22/4.01.22)

Job ID: 880-15959-1

SDG: Eddy Co, NM

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

Lab Sample ID: MB 880-27655/1-A

Matrix: Solid

Analysis Batch: 27649

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27655

	IND	IVID							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		06/16/22 08:31	06/16/22 10:25	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		ma/Ka		06/16/22 08:31	06/16/22 10:25	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	06/16/22 08:31	06/16/22 10:25	1
o-Terphenyl	95		70 - 130	06/16/22 08:31	06/16/22 10:25	1

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 880-27655/2-A Matrix: Solid Prep Type: Total/NA

Analysis Batch: 27649 Prep Batch: 27655

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	1101		mg/Kg		110	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	974.5		mg/Kg		97	70 - 130	
C10-C28)								

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	94		70 - 130
o-Terphenyl	96		70 - 130

Lab Sample ID: LCSD 880-27655/3-A Client Sample ID: Lab Control Sample Dup

Matri

Analy

rix: Solid			Prep Type: Total/NA
llysis Batch: 27649			Prep Batch: 27655
	Spike	LCSD LCSD	%Rec RPD

Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	1000	837.8	*1	mg/Kg		84	70 - 130	27	20
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	927.3		mg/Kg		93	70 - 130	5	20
C10-C28)									

LCSD LCSD Surrogate %Recovery Qualifier Limits 1-Chlorooctane 88 70 - 130 o-Terphenyl 90 70 - 130

Lab Sample ID: 880-15959-5 MS Client Sample ID: CS-2 (3')

Matrix: Solid

Analysis Batch: 27649

Prep Type: Total/NA Prep Batch: 27655

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	<49.9	U *1	998	791.6		mg/Kg		75	70 - 130	
(GRO)-C6-C10										
Diesel Range Organics (Over	<49.9	U F1	998	707.8	F1	mg/Kg		69	70 - 130	
040 000)										

C10-C28)

	IVIS	IVIS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	82		70 - 130
o-Terphenyl	77		70 - 130

QC Sample Results

Client: Carmona Resources

Project/Site: SRO State Com #45 (03.18.22/4.01.22)

Job ID: 880-15959-1

SDG: Eddy Co, NM

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

Lab Sample ID: 880-15959-5 MSD

Matrix: Solid

Analysis Batch: 27649

Client Sample ID: CS-2 (3')

Prep Type: Total/NA

Prep Batch: 27655

	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	<49.9	U *1	999	786.2		mg/Kg		74	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1	999	723.6		mg/Kg		70	70 - 130	2	20

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	82		70 - 130
o-Terphenyl	78		70 - 130

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27656

Lab Sample ID: MB 880-27656/1-A

Matrix: Solid

Analysis Batch: 27647

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/16/22 08:32	06/16/22 10:25	1
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		06/16/22 08:32	06/16/22 10:25	1
C10-C28) Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/16/22 08:32	06/16/22 10:25	1

MB MB

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84	70 - 130	06/16/22 08:32	06/16/22 10:25	1
o-Terphenyl	0.05 S1-	70 - 130	06/16/22 08:32	06/16/22 10:25	1

Lab Sample ID: LCS 880-27656/2-A

Matrix: Solid

Analysis Batch: 27647

Client Sample ID: Lab	Control Sample
-----------------------	-----------------------

Prep Type: Total/NA

Prep Batch: 27656

	Spike	LCS	LCS				%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics	1000	776.7		mg/Kg		78	70 - 130		
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	915.4		mg/Kg		92	70 - 130		
C10-C28)									

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	90		70 - 130
o-Terphenyl	85		70 - 130

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 27647

Lab Sample ID: LCSD 880-27656/3-A

Prep Type: Total/NA Prep Batch: 27656

	Spike	LCSD	LCSD				%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics	1000	838.1	-	mg/Kg		84	70 - 130	8	20	
(GRO)-C6-C10										
Diesel Range Organics (Over	1000	1036		mg/Kg		104	70 - 130	12	20	
C10-C28)										

Client: Carmona Resources

Project/Site: SRO State Com #45 (03.18.22/4.01.22)

Job ID: 880-15959-1

SDG: Eddy Co, NM

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

Lab Sample ID: LCSD 880-27656/3-A

Matrix: Solid

Analysis Batch: 27647

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27656

LCSD LCSD

Surrogate %Recovery Qualifier Limits 1-Chlorooctane 98 70 - 130 o-Terphenyl 12 S1-70 - 130

Client Sample ID: CS-3 (3')

Prep Type: Total/NA

Prep Batch: 27656

Lab Sample ID: 880-15959-6 MS **Matrix: Solid**

Analysis Batch: 27647 Sample Sample Spike MS MS %Rec Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits

<49.9 U 998 746.1 75 70 - 130Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 998 850.2 <49.9 U mg/Kg 85 70 - 130

C10-C28)

MS MS

%Recovery Surrogate Qualifier Limits 70 - 130 1-Chlorooctane 78 S1-70 - 130 o-Terphenyl 8

Lab Sample ID: 880-15959-6 MSD

Matrix: Solid

Analysis Batch: 27647

Client Sample ID: CS-3 (3') Prep Type: Total/NA

Prep Batch: 27656

Sample Sample MSD MSD Spike RPD Added Analyte Result Qualifier Result Qualifier Unit D %Rec Limits RPD Limit Gasoline Range Organics <49.9 U 999 729.4 mg/Kg 73 70 - 130 2 20

(GRO)-C6-C10 Diesel Range Organics (Over <49.9 U 999 854.0 mg/Kg 85 70 - 130 0 20

C10-C28)

MSD MSD

%Recovery Qualifier Surrogate Limits 70 - 130 1-Chlorooctane 78 o-Terphenyl 7 S1-70 - 130

Lab Sample ID: MB 880-27658/1-A

Matrix: Solid

Analysis Batch: 27645

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27658

мв мв

Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac Gasoline Range Organics <50.0 U 50.0 mg/Kg 06/16/22 08:35 06/16/22 10:24 (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 50.0 mg/Kg 06/16/22 08:35 06/16/22 10:24 C10-C28) OII Range Organics (Over C28-C36) <50.0 U 50.0 mg/Kg 06/16/22 08:35 06/16/22 10:24

MB MB

Qualifier Surrogate %Recovery Limits Prepared Analyzed Dil Fac 1-Chlorooctane 110 70 - 130 06/16/22 08:35 06/16/22 10:24 o-Terphenyl 122 70 - 130 06/16/22 08:35 06/16/22 10:24

QC Sample Results

Client: Carmona Resources

Project/Site: SRO State Com #45 (03.18.22/4.01.22)

Job ID: 880-15959-1

SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-27658/2-A

Lab Sample ID: LCSD 880-27658/3-A

Matrix: Solid Analysis Batch: 27645 Client Sample ID: Lab Control Sample

Prep Type: Total/NA Prep Batch: 27658

Spike LCS LCS Analyte Added Result Qualifier Unit %Rec Limits D Gasoline Range Organics 1000 898.2 mg/Kg 90 70 - 130 (GRO)-C6-C10 1000 Diesel Range Organics (Over 1050 105 70 - 130mg/Kg

C10-C28)

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	115		70 - 130
o-Terphenyl	120		70 - 130

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 27658

Analysis Batch: 27645 Spike LCSD LCSD %Rec RPD Analyte Added Result Qualifier Unit D %Rec Limits **RPD** Limit 1000 Gasoline Range Organics 916.3 mg/Kg 92 70 - 130 2 20 (GRO)-C6-C10 Diesel Range Organics (Over 1000 1050 mg/Kg 105 70 - 130 0 20

C10-C28)

Matrix: Solid

LCSD LCSD %Recovery Qualifier Surrogate Limits 1-Chlorooctane 122 70 - 130 o-Terphenyl 124 70 - 130

Lab Sample ID: 880-15959-1 MS

Matrix: Solid

Analysis Batch: 27645

Client Sample ID: SW-1 (3') Prep Type: Total/NA

Prep Batch: 27658

Sample Sample Spike MS MS %Rec Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits <49.9 U 998 98 Gasoline Range Organics 998.2 70 - 130 mg/Kg (GRO)-C6-C10 998 903.7 89 70 - 130 Diesel Range Organics (Over <49.9 LI mg/Kg C10-C28)

%Recovery Qualifier Limits Surrogate 1-Chlorooctane 97 70 - 130 70 - 130 91 o-Terphenyl

MS MS

Lab Sample ID: 880-15959-1 MSD Client Sample ID: SW-1 (3')

Matrix: Solid

Analysis Batch: 27645

Prep Type: Total/NA

Prep Batch: 27658

MSD MSD Sample Sample Spike %Rec RPD Result Qualifier RPD Limit Analyte Added Result Qualifier Limits Unit D %Rec Gasoline Range Organics <49.9 U 999 923.0 90 70 - 130 20 mg/Kg 8 (GRO)-C6-C10 892.2 Diesel Range Organics (Over <49.9 U 999 mg/Kg 87 70 - 13020

C10-C28)

MSD MSD %Recovery Surrogate Qualifier Limits 70 - 130 1-Chlorooctane 95

QC Sample Results

Client: Carmona Resources

Project/Site: SRO State Com #45 (03.18.22/4.01.22)

Job ID: 880-15959-1

SDG: Eddy Co, NM

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

Lab Sample ID: 880-15959-1 MSD **Matrix: Solid**

Analysis Batch: 27645

Client Sample ID: SW-1 (3')

Prep Type: Total/NA

Prep Batch: 27658

MSD MSD

Surrogate %Recovery Qualifier o-Terphenyl 91

Limits 70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-27665/1-A

Matrix: Solid

Analysis Batch: 27730

MB MB

Analyte

Result Qualifier

<5.00

U

5.00

Spike

Added

250

Spike

Added

250

Spike

Added

250

MDL Unit mg/Kg

LCS LCS

LCSD LCSD

MS MS

Result

276.1

Qualifier

Result Qualifier

247.9

236.8

Result Qualifier

D

Unit

Unit

Unit

mg/Kg

mg/Kg

mg/Kg

Prepared

%Rec

%Rec

%Rec

96

D

99

Analyzed 06/17/22 00:47

%Rec

Limits

Client Sample ID: Lab Control Sample Dup

90 - 110

%Rec

Limits

90 - 110

%Rec

Limits

%Rec

90 - 110

Client Sample ID: Method Blank

Prep Type: Soluble

RPD

Prep Type: Soluble

Prep Type: Soluble

Client Sample ID: SW-1 (3')

Dil Fac

Prep Type: Soluble

Lab Sample ID: LCS 880-27665/2-A Client Sample ID: Lab Control Sample **Prep Type: Soluble**

RL

Matrix: Solid

Chloride

Analysis Batch: 27730

Analyte

Chloride

Lab Sample ID: LCSD 880-27665/3-A

Matrix: Solid

Analysis Batch: 27730

Analyte

Chloride

Lab Sample ID: 880-15959-1 MS

Matrix: Solid

Analysis Batch: 27730

Analyte Chloride

Lab Sample ID: 880-15959-1 MSD

Matrix: Solid

Analyte

Chloride

Analysis Batch: 27730

Sample Sample Result Qualifier

36.6

Sample Sample

Result

36.6

Qualifier

Spike Added 250

MSD MSD Qualifier Result 266.0

Unit mg/Kg

%Rec 92

Limits RPD 90 - 110

Client Sample ID: SW-1 (3')

Eurofins Midland

RPD

Limit

RPD

Limit

20

Client: Carmona Resources

Project/Site: SRO State Com #45 (03.18.22/4.01.22)

Job ID: 880-15959-1 SDG: Eddy Co, NM

GC VOA

Prep Batch: 27627

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-27627/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 27651

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15959-1	SW-1 (3')	Total/NA	Solid	8021B	27659
880-15959-2	SW-2 (3')	Total/NA	Solid	8021B	27659
880-15959-3	SW-3 (3')	Total/NA	Solid	8021B	27659
880-15959-4	CS-1 (3')	Total/NA	Solid	8021B	27659
880-15959-5	CS-2 (3')	Total/NA	Solid	8021B	27659
880-15959-6	CS-3 (3')	Total/NA	Solid	8021B	27659
MB 880-27627/5-A	Method Blank	Total/NA	Solid	8021B	27627
MB 880-27659/5-A	Method Blank	Total/NA	Solid	8021B	27659
LCS 880-27659/1-A	Lab Control Sample	Total/NA	Solid	8021B	27659
LCSD 880-27659/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27659
880-15959-1 MS	SW-1 (3')	Total/NA	Solid	8021B	27659
880-15959-1 MSD	SW-1 (3')	Total/NA	Solid	8021B	27659

Prep Batch: 27659

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15959-1	SW-1 (3')	Total/NA	Solid	5035	
880-15959-2	SW-2 (3')	Total/NA	Solid	5035	
880-15959-3	SW-3 (3')	Total/NA	Solid	5035	
880-15959-4	CS-1 (3')	Total/NA	Solid	5035	
880-15959-5	CS-2 (3')	Total/NA	Solid	5035	
880-15959-6	CS-3 (3')	Total/NA	Solid	5035	
MB 880-27659/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-27659/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-27659/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-15959-1 MS	SW-1 (3')	Total/NA	Solid	5035	
880-15959-1 MSD	SW-1 (3')	Total/NA	Solid	5035	

Analysis Batch: 27769

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15959-1	SW-1 (3')	Total/NA	Solid	Total BTEX	
880-15959-2	SW-2 (3')	Total/NA	Solid	Total BTEX	
880-15959-3	SW-3 (3')	Total/NA	Solid	Total BTEX	
880-15959-4	CS-1 (3')	Total/NA	Solid	Total BTEX	
880-15959-5	CS-2 (3')	Total/NA	Solid	Total BTEX	
880-15959-6	CS-3 (3')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 27645

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15959-1	SW-1 (3')	Total/NA	Solid	8015B NM	27658
880-15959-2	SW-2 (3')	Total/NA	Solid	8015B NM	27658
880-15959-3	SW-3 (3')	Total/NA	Solid	8015B NM	27658
880-15959-4	CS-1 (3')	Total/NA	Solid	8015B NM	27658
MB 880-27658/1-A	Method Blank	Total/NA	Solid	8015B NM	27658
LCS 880-27658/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	27658
LCSD 880-27658/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	27658

Eurofins Midland

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Client: Carmona Resources

Project/Site: SRO State Com #45 (03.18.22/4.01.22)

Job ID: 880-15959-1

SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 27645 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15959-1 MS	SW-1 (3')	Total/NA	Solid	8015B NM	27658
880-15959-1 MSD	SW-1 (3')	Total/NA	Solid	8015B NM	27658

Analysis Batch: 27647

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15959-6	CS-3 (3')	Total/NA	Solid	8015B NM	27656
MB 880-27656/1-A	Method Blank	Total/NA	Solid	8015B NM	27656
LCS 880-27656/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	27656
LCSD 880-27656/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	27656
880-15959-6 MS	CS-3 (3')	Total/NA	Solid	8015B NM	27656
880-15959-6 MSD	CS-3 (3')	Total/NA	Solid	8015B NM	27656

Analysis Batch: 27649

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15959-5	CS-2 (3')	Total/NA	Solid	8015B NM	27655
MB 880-27655/1-A	Method Blank	Total/NA	Solid	8015B NM	27655
LCS 880-27655/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	27655
LCSD 880-27655/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	27655
880-15959-5 MS	CS-2 (3')	Total/NA	Solid	8015B NM	27655
880-15959-5 MSD	CS-2 (3')	Total/NA	Solid	8015B NM	27655

Prep Batch: 27655

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15959-5	CS-2 (3')	Total/NA	Solid	8015NM Prep	
MB 880-27655/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-27655/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-27655/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-15959-5 MS	CS-2 (3')	Total/NA	Solid	8015NM Prep	
880-15959-5 MSD	CS-2 (3')	Total/NA	Solid	8015NM Prep	

Prep Batch: 27656

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15959-6	CS-3 (3')	Total/NA	Solid	8015NM Prep	
MB 880-27656/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-27656/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-27656/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-15959-6 MS	CS-3 (3')	Total/NA	Solid	8015NM Prep	
880-15959-6 MSD	CS-3 (3')	Total/NA	Solid	8015NM Prep	

Prep Batch: 27658

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15959-1	SW-1 (3')	Total/NA	Solid	8015NM Prep	
880-15959-2	SW-2 (3')	Total/NA	Solid	8015NM Prep	
880-15959-3	SW-3 (3')	Total/NA	Solid	8015NM Prep	
880-15959-4	CS-1 (3')	Total/NA	Solid	8015NM Prep	
MB 880-27658/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-27658/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-27658/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-15959-1 MS	SW-1 (3')	Total/NA	Solid	8015NM Prep	
880-15959-1 MSD	SW-1 (3')	Total/NA	Solid	8015NM Prep	

Client: Carmona Resources

Project/Site: SRO State Com #45 (03.18.22/4.01.22)

Job ID: 880-15959-1 SDG: Eddy Co, NM

GC Semi VOA

Analysis Batch: 27715

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15959-1	SW-1 (3')	Total/NA	Solid	8015 NM	
880-15959-2	SW-2 (3')	Total/NA	Solid	8015 NM	
880-15959-3	SW-3 (3')	Total/NA	Solid	8015 NM	
880-15959-4	CS-1 (3')	Total/NA	Solid	8015 NM	
880-15959-5	CS-2 (3')	Total/NA	Solid	8015 NM	
880-15959-6	CS-3 (3')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 27665

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15959-1	SW-1 (3')	Soluble	Solid	DI Leach	
880-15959-2	SW-2 (3')	Soluble	Solid	DI Leach	
880-15959-3	SW-3 (3')	Soluble	Solid	DI Leach	
880-15959-4	CS-1 (3')	Soluble	Solid	DI Leach	
880-15959-5	CS-2 (3')	Soluble	Solid	DI Leach	
880-15959-6	CS-3 (3')	Soluble	Solid	DI Leach	
MB 880-27665/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-27665/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-27665/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-15959-1 MS	SW-1 (3')	Soluble	Solid	DI Leach	
880-15959-1 MSD	SW-1 (3')	Soluble	Solid	DI Leach	

Analysis Batch: 27730

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15959-1	SW-1 (3')	Soluble	Solid	300.0	27665
880-15959-2	SW-2 (3')	Soluble	Solid	300.0	27665
880-15959-3	SW-3 (3')	Soluble	Solid	300.0	27665
880-15959-4	CS-1 (3')	Soluble	Solid	300.0	27665
880-15959-5	CS-2 (3')	Soluble	Solid	300.0	27665
880-15959-6	CS-3 (3')	Soluble	Solid	300.0	27665
MB 880-27665/1-A	Method Blank	Soluble	Solid	300.0	27665
LCS 880-27665/2-A	Lab Control Sample	Soluble	Solid	300.0	27665
LCSD 880-27665/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	27665
880-15959-1 MS	SW-1 (3')	Soluble	Solid	300.0	27665
880-15959-1 MSD	SW-1 (3')	Soluble	Solid	300.0	27665

Lab Chronicle

Client: Carmona Resources

Client Sample ID: SW-1 (3')

Date Collected: 06/15/22 00:00 Date Received: 06/16/22 08:31

Project/Site: SRO State Com #45 (03.18.22/4.01.22)

SDG: Eddy Co, NM

Job ID: 880-15959-1

Lab Sample ID: 880-15959-1

-	 	 	_		-	-	
		Λ	/lati	ix:	Sc	olid	

	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	27659	06/16/22 08:55	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27651	06/16/22 22:52	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27769	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27715	06/16/22 15:30	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27658	06/16/22 08:35	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27645	06/16/22 11:29	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27665	06/16/22 09:22	СН	XEN MID
Soluble	Analysis	300.0		1			27730	06/17/22 01:11	CH	XEN MID

Client Sample ID: SW-2 (3')

Date Collected: 06/15/22 00:00

Date Received: 06/16/22 08:31

Lab Sample ID: 880-15959-2

Matrix: Solid

Batch Batch Dil Initial Final Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Prep 5035 27659 Total/NA 5.02 g 5 mL 06/16/22 08:55 MR XEN MID Total/NA 8021B 5 mL 06/16/22 23:12 XEN MID Analysis 1 5 mL 27651 MR Total/NA Total BTEX 27769 06/17/22 09:21 XEN MID Analysis A.I 1 Total/NA Analysis 8015 NM 27715 06/16/22 15:30 XEN MID Total/NA 27658 XEN MID Prep 8015NM Prep 10.02 g 06/16/22 08:35 DM 10 mL Total/NA Analysis 8015B NM 27645 06/16/22 12:34 AJ XEN MID Soluble 06/16/22 09:22 XEN MID Leach DI Leach 5.01 g 50 mL 27665 CH Soluble Analysis 300.0 27730 06/17/22 01:35 CH XEN MID

Client Sample ID: SW-3 (3')

Date Collected: 06/15/22 00:00

Date Received: 06/16/22 08:31

Lab Sample	ID: 880-15959-3
-------------------	-----------------

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	27659	06/16/22 08:55	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27651	06/16/22 23:33	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27769	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27715	06/16/22 15:30	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27658	06/16/22 08:35	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27645	06/16/22 12:56	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27665	06/16/22 09:22	CH	XEN MID
Soluble	Analysis	300.0		1			27730	06/17/22 01:43	CH	XEN MID

Client Sample ID: CS-1 (3')

Date Collected: 06/15/22 00:00

Date Received: 06/16/22 08:31

Lab Sample ID: 880-15959-4 **Matrix: Solid**

ſ	_	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	27659	06/16/22 08:55	MR	XEN MID
	Total/NA	Analysis	8021B		1	5 mL	5 mL	27651	06/16/22 23:53	MR	XEN MID
	Total/NA	Analysis	Total BTEX		1			27769	06/17/22 09:21	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources

Project/Site: SRO State Com #45 (03.18.22/4.01.22)

Job ID: 880-15959-1 SDG: Eddy Co, NM

Lab Sample ID: 880-15959-4

Matrix: Solid

Matrix: Solid

Client Sample ID: CS-1 (3')

Date Collected: 06/15/22 00:00 Date Received: 06/16/22 08:31

Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Analysis	8015 NM		1			27715	06/16/22 15:30	AJ	XEN MID
Prep	8015NM Prep			10.01 g	10 mL	27658	06/16/22 08:35	DM	XEN MID
Analysis	8015B NM		1			27645	06/16/22 13:18	AJ	XEN MID
Leach	DI Leach			5.03 g	50 mL	27665	06/16/22 09:22	CH	XEN MID
Analysis	300.0		1			27730	06/17/22 01:50	CH	XEN MID
	Type Analysis Prep Analysis Leach	Type Method Analysis 8015 NM Prep 8015NM Prep Analysis 8015B NM Leach DI Leach	Type Method Run Analysis 8015 NM Prep 8015NM Prep Analysis 8015B NM Leach DI Leach	Type Method Run Factor Analysis 8015 NM 1 Prep 8015NM Prep 4 Analysis 8015B NM 1 Leach DI Leach	Type Method Run Factor Amount Analysis 8015 NM 1 1 Prep 8015NM Prep 10.01 g 1 Analysis 8015B NM 1 5.03 g Leach DI Leach 5.03 g	Type Method Run Factor Amount Amount Analysis 8015 NM 1 1 10.01 g 10 mL Analysis 8015B NM 1 5.03 g 50 mL	Type Method Run Factor Amount Amount Number Analysis 8015 NM 1 27715 Prep 8015NM Prep 10.01 g 10 mL 27658 Analysis 8015B NM 1 27645 Leach DI Leach 5.03 g 50 mL 27665	Type Method Run Factor Amount Amount Number or Analyzed Analysis 8015 NM 1 1 27715 06/16/22 15:30 Prep 8015NM Prep 10.01 g 10 mL 27658 06/16/22 08:35 Analysis 8015B NM 1 27645 06/16/22 13:18 Leach DI Leach 5.03 g 50 mL 27665 06/16/22 09:22	Type Method Run Factor Amount Amount Number or Analyzed Analyst Analysis 8015 NM 1 1 27715 06/16/22 15:30 AJ Prep 8015NM Prep 10.01 g 10 mL 27658 06/16/22 08:35 DM Analysis 8015B NM 1 27645 06/16/22 13:18 AJ Leach DI Leach 5.03 g 50 mL 27665 06/16/22 09:22 CH

Client Sample ID: CS-2 (3') Lab Sample ID: 880-15959-5 Date Collected: 06/15/22 00:00

Date Received: 06/16/22 08:31

	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	27659	06/16/22 08:55	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27651	06/17/22 00:14	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27769	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27715	06/16/22 15:30	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27655	06/16/22 08:31	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27649	06/16/22 11:30	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	27665	06/16/22 09:22	CH	XEN MID
Soluble	Analysis	300.0		1			27730	06/17/22 01:58	CH	XEN MID

Client Sample ID: CS-3 (3') Lab Sample ID: 880-15959-6 Date Collected: 06/15/22 00:00

Date Received: 06/16/22 08:31

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	27659	06/16/22 08:55	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27651	06/17/22 00:34	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27769	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27715	06/16/22 15:30	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27656	06/16/22 08:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27647	06/16/22 11:30	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27665	06/16/22 09:22	CH	XEN MID
Soluble	Analysis	300.0		1			27730	06/17/22 02:22	CH	XEN MID

Laboratory References:

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

Eurofins Midland

Matrix: Solid

Accreditation/Certification Summary

Client: Carmona Resources

Job ID: 880-15959-1 Project/Site: SRO State Com #45 (03.18.22/4.01.22) SDG: Eddy Co, NM

Laboratory: Eurofins Midland

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

thority		Program	Identification Number	Expiration Date
xas		NELAP	T104704400-21-22	06-30-22
The following analytes the agency does not of	•	t, but the laboratory is not certif	ied by the governing authority. This list ma	ay 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 (Over	C10-C28)
8015B NM	8015NM Prep	Solid	Gasoline Range Organics (GR	RO)-C6-C10
8015B NM	8015NM Prep	Solid	Oll Range Organics (Over C28	3-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	

Method Summary

Client: Carmona Resources

Project/Site: SRO State Com #45 (03.18.22/4.01.22)

Job ID: 880-15959-1

SDG: Eddy 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

Eurofins Midland

Sample Summary

Client: Carmona Resources

Project/Site: SRO State Com #45 (03.18.22/4.01.22)

Job ID: 880-15959-1

SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-15959-1	SW-1 (3')	Solid	06/15/22 00:00	06/16/22 08:31
880-15959-2	SW-2 (3')	Solid	06/15/22 00:00	06/16/22 08:31
880-15959-3	SW-3 (3')	Solid	06/15/22 00:00	06/16/22 08:31
880-15959-4	CS-1 (3')	Solid	06/15/22 00:00	06/16/22 08:31
880-15959-5	CS-2 (3')	Solid	06/15/22 00:00	06/16/22 08:31
880-15959-6	CS-3 (3')	Solid	06/15/22 00:00	06/16/22 08:31

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d to In	e) Date/Time	Received by (Signature)	Juff Re	2	P 3	Date/Time	6		39	(Signatute)	Relinquisned by	TAGE TO SERVICE TO SER	
naai			7							D N		0	
ng: 9/2													
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1 - 3	tody	880-15959 Chain of Custody	880	+									
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7 P.1				 *	>	 >	70	Colling	>		0/10/2022	(0)	
1				< :		+	1	2	×		8/15/2022	(3')	CS-3 (3')
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				×	×	×	<u>5</u>	Comp	×		6/15/2022	(3')	CS-1 (3')
				×	×	×	ر و	Comp	×		6/15/2022	(3')	SW-3 (3')
				×	×	×	ာ 1	Comp	×		6/15/2022	(3')	SW-2 (3')
				×	×	×	ġ,	Comp	×		6/15/2022	(3')	SW-1 (3')
Paç	Sample Comments				TI	nt of	p Cont	Water Comp	Soil	Time	Date	ntification	Sample Identification
ge	1000 Pic 100 OAT C				PH 8	<u> </u>	╨	Gra					
26	NaOH+Assorbis Asid SADO				3015			- 3	Corrected Temperature	Corrected			Total Containers.
of				Chle	M (вт		5:1	Temperature Reading	Tempera	No WA	S	Sample Custody Seals
27	HOL Nasson			oride	GRO	EX	Pa	1,	n Factor	Correction Factor	No €	s Yes	Cooler Custody Seals
7				30) + C		ram	~	eter ID	Thermometer ID	ر No		Received Intact.
	U			0.0	ORO		eter	§ 8 8	Wet Ice	Yes Mo	Temp Blank.		SAMPLE RECEIPT
	H.SO. H. NaOH Na				+ MI			lab if received by 4 30pm	lab if rece				P0#
	HOL HO HNO HN				RO)		ō	day received by th	TAT starts the		AT		Sampler's Name
								24 Hour	Due Date		Eddy Co. NM	Ū.	Project Location
	None NO DI Water H ₂ O					de s	Pres. Code	✓ Rush	☐ Routine		1033/1053		Project Number
	Preservative Codes	QUEST	ANALYSIS REQUEST					Turn Around	Turr) 5	SRO State Com #45 (03 18 22/4 01 22)	SRO (03	Project Name
	☐ ADaPT ☐ Other	Deliverables EDD			com	ophillips	conoc	lacqui harris@conocophillips com	Email			432-813-6823	Phone
]Level III	Reporting Level II Level III		256	Loving,NM 88256	Lovir		City, State ZIP			9701	Midland, TX 79701	City, State ZIP
		State of Project		Rd	15 W London Rd	15 W		Address			t Ste 415	310 W Wall St Ste 415	Address
	Program: UST/PST ☐PRP ☐Brownfields ☐RRC ☐uperfund ☐	Program: UST/PST				cog	Ф	Company Name			ources	Carmona Resources	Company Name
	Work Order Comments				Jacqui Harris	Jacq		Bill to (if different)	***************************************		ring	Conner Moehring	Project Manager
	Pageof			***************************************									

** O	Work Order No.
	1595a

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-15959-1

SDG Number: Eddy Co, NM

List Source: Eurofins Midland

Login Number: 15959 List Number: 1 Creator: Teel, Brianna

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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<6mm (1/4").



June 23, 2022

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

RE: SRO STATE COM #45

Enclosed are the results of analyses for samples received by the laboratory on 06/22/22 14:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Гах

Received: 06/22/2022 Sampling Date: 06/22/2022

Reported: 06/23/2022 Sampling Type: Soil

Project Name: SRO STATE COM #45 Sampling Condition: Cool & Intact
Project Number: 1033 / 1053 (03.18.22 / 4.01.22) Sample Received By: Tamara Oldaker

Applyand By 14/

Project Location: COG - EDDY CO NM

Sample ID: SW - 4 (2') (H222670-01)

DTEV 0021D

BTEX 8021B	mg/	kg	Analyze	d By: JH/					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.100	0.050	06/22/2022	ND	2.11	106	2.00	3.71	
Toluene*	3.27	0.050	06/22/2022	ND	2.07	103	2.00	3.68	QM-07
Ethylbenzene*	1.60	0.050	06/22/2022	ND	2.04	102	2.00	3.74	
Total Xylenes*	17.1	0.150	06/22/2022	ND	6.33	105	6.00	3.88	QM-07
Total BTEX	22.1	0.300	06/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	236 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	320	16.0	06/23/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	396	10.0	06/22/2022	ND	245	122	200	19.8	QM-07
DRO >C10-C28*	1230	10.0	06/22/2022	ND	225	113	200	16.7	QM-07
EXT DRO >C28-C36	517	10.0	06/22/2022	ND					
Surrogate: 1-Chlorooctane	115 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	110 9	6 59.5-14	2						

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Celey D. Keene



Analytical Results For:

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

Received: 06/22/2022 Reported:

Sampling Date: 06/22/2022 06/23/2022 Sampling Type: Soil

Project Name: SRO STATE COM #45

Sampling Condition: Cool & Intact Project Number: 1033 / 1053 (03.18.22 / 4.01.22) Sample Received By: Tamara Oldaker

Project Location: COG - EDDY CO NM

Sample ID: SW - 5 (3') (H222670-02)

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	06/22/2022	ND	2.11	106	2.00	3.71	
Toluene*	<0.050	0.050	06/22/2022	ND	2.07	103	2.00	3.68	
Ethylbenzene*	<0.050	0.050	06/22/2022	ND	2.04	102	2.00	3.74	
Total Xylenes*	0.253	0.150	06/22/2022	ND	6.33	105	6.00	3.88	
Total BTEX	<0.300	0.300	06/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/23/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	10.9	10.0	06/22/2022	ND	245	122	200	19.8	
DRO >C10-C28*	145	10.0	06/22/2022	ND	225	113	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	06/22/2022	ND					
Surrogate: 1-Chlorooctane	110	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	121	% 59.5-14	2						

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Celey D. Keene



Analytical Results For:

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

Received: 06/22/2022 Reported:

06/23/2022

Sampling Date:

06/22/2022

Project Name:

SRO STATE COM #45

Sampling Type:

Soil Cool & Intact

Project Number:

1033 / 1053

(03.18.22 / 4.01.22)

Sampling Condition: Sample Received By:

Tamara Oldaker

Project Location:

BTEX 8021B

COG - EDDY CO NM

Sample ID: SW - 6 (3') (H222670-03)

	9,	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/22/2022	ND	2.11	106	2.00	3.71	
Toluene*	<0.050	0.050	06/22/2022	ND	2.07	103	2.00	3.68	
Ethylbenzene*	<0.050	0.050	06/22/2022	ND	2.04	102	2.00	3.74	
Total Xylenes*	<0.150	0.150	06/22/2022	ND	6.33	105	6.00	3.88	
Total BTEX	<0.300	0.300	06/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/23/2022	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2022	ND	245	122	200	19.8	
DRO >C10-C28*	97.9	10.0	06/22/2022	ND	225	113	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	06/22/2022	ND					
Surrogate: 1-Chlorooctane	91.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	96.5	% 59.5-14	2						

Analyzed By: JH/

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Celey D. Keene



Analytical Results For:

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

Received: 06/22/2022 Sampling Date: 06/22/2022

Reported: 06/23/2022 Sampling Type: Soil

Project Name: SRO STATE COM #45 Sampling Condition: Cool & Intact Project Number: 1033 / 1053 (03.18.22 / 4.01.22) Sample Received By: Tamara Oldaker

Project Location: COG - EDDY CO NM

Sample ID: SW - 7 (3') (H222670-04)

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	06/22/2022	ND	2.11	106	2.00	3.71	
Toluene*	<0.050	0.050	06/22/2022	ND	2.07	103	2.00	3.68	
Ethylbenzene*	<0.050	0.050	06/22/2022	ND	2.04	102	2.00	3.74	
Total Xylenes*	<0.150	0.150	06/22/2022	ND	6.33	105	6.00	3.88	
Total BTEX	<0.300	0.300	06/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/23/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2022	ND	245	122	200	19.8	
DRO >C10-C28*	<10.0	10.0	06/22/2022	ND	225	113	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	06/22/2022	ND					
Surrogate: 1-Chlorooctane	103 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	111 9	6 59.5-14	2						

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Celey D. Keine



Analytical Results For:

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

Fax To:

Received: 06/22/2022 Reported: 06/23/2022 Sampling Date: 06/22/2022 Sampling Type: Soil

Project Name: SRO STATE COM #45

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

Project Number: 1033 / 1053 (03.18.22 / 4.01.22) Project Location: COG - EDDY CO NM

Sample ID: SW - 8 (3') (H222670-05)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/22/2022	ND	2.11	106	2.00	3.71	
Toluene*	<0.050	0.050	06/22/2022	ND	2.07	103	2.00	3.68	
Ethylbenzene*	<0.050	0.050	06/22/2022	ND	2.04	102	2.00	3.74	
Total Xylenes*	<0.150	0.150	06/22/2022	ND	6.33	105	6.00	3.88	
Total BTEX	<0.300	0.300	06/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 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	128	16.0	06/23/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2022	ND	245	122	200	19.8	
DRO >C10-C28*	<10.0	10.0	06/22/2022	ND	225	113	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	06/22/2022	ND					
Surrogate: 1-Chlorooctane	97.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	108	% 59.5-14	2						

Applyzod By: 1H /

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Celey D. Keine

C-04



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

Analytical Results For:

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

Received: 06/22/2022 Sampling Date: 06/22/2022

Reported: 06/23/2022 Sampling Type: Soil

Project Name: SRO STATE COM #45 Sampling Condition: Cool & Intact
Project Number: 1033 / 1053 (03.18.22 / 4.01.22) Sample Received By: Tamara Oldaker

Applyzod By: 1H /

Project Location: COG - EDDY CO NM

Sample ID: SW - 9 (0.5') (H222670-06)

RTFY 8021R

B1EX 8021B	mg	/кд	Analyze	a By: JH/					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.105	0.050	06/22/2022	ND	2.11	106	2.00	3.71	
Toluene*	3.47	0.050	06/22/2022	ND	2.07	103	2.00	3.68	
Ethylbenzene*	1.65	0.050	06/22/2022	ND	2.04	102	2.00	3.74	
Total Xylenes*	17.5	0.150	06/22/2022	ND	6.33	105	6.00	3.88	
Total BTEX	22.7	0.300	06/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	235	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	06/23/2022	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	520	10.0	06/22/2022	ND	245	122	200	19.8	
DRO >C10-C28*	1830	10.0	06/22/2022	ND	225	113	200	16.7	
EXT DRO >C28-C36	284	10.0	06/22/2022	ND					
Surrogate: 1-Chlorooctane	137	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	135	% 59.5-14	2						

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Celey D. Keine



06/22/2022

Soil

Analytical Results For:

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

Received: 06/22/2022 Reported: 06/23/2022

06/22/2022 Sampling Date: 06/23/2022 Sampling Type:

Applyzod By: 1H /

Project Name: SRO STATE COM #45
Project Number: 1033 / 1053 (03.18.22 / 4.01.22)

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

Project Location: COG - EDDY CO NM

Sample ID: SW - 10 (2.5') (H222670-07)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/22/2022	ND	2.11	106	2.00	3.71	
Toluene*	<0.050	0.050	06/22/2022	ND	2.07	103	2.00	3.68	
Ethylbenzene*	<0.050	0.050	06/22/2022	ND	2.04	102	2.00	3.74	
Total Xylenes*	<0.150	0.150	06/22/2022	ND	6.33	105	6.00	3.88	
Total BTEX	<0.300	0.300	06/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/23/2022	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2022	ND	245	122	200	19.8	
DRO >C10-C28*	<10.0	10.0	06/22/2022	ND	225	113	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	06/22/2022	ND					
Surrogate: 1-Chlorooctane	95.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	100	% 59.5-14	2						

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Analytical Results For:

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

Received: 06/22/2022 Sampling Date: 06/22/2022

Reported: 06/23/2022 Sampling Type: Soil

Project Name: SRO STATE COM #45 Sampling Condition: Cool & Intact
Project Number: 1033 / 1053 (03.18.22 / 4.01.22) Sample Received By: Tamara Oldaker

Applyzod By: 1H /

Project Location: COG - EDDY CO NM

Sample ID: SW - 11 (2.5') (H222670-08)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/22/2022	ND	2.11	106	2.00	3.71	
Toluene*	<0.050	0.050	06/22/2022	ND	2.07	103	2.00	3.68	
Ethylbenzene*	<0.050	0.050	06/22/2022	ND	2.04	102	2.00	3.74	
Total Xylenes*	<0.150	0.150	06/22/2022	ND	6.33	105	6.00	3.88	
Total BTEX	<0.300	0.300	06/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 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	80.0	16.0	06/23/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2022	ND	245	122	200	19.8	
DRO >C10-C28*	<10.0	10.0	06/22/2022	ND	225	113	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	06/22/2022	ND					
Surrogate: 1-Chlorooctane	87.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	91.6	% 59.5-14	2						

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06/22/2022

Soil

Analytical Results For:

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

Fax To:

Received: 06/22/2022 Reported:

06/23/2022 Sampling Type:

Sampling Date:

Project Name: SRO STATE COM #45 Sampling Condition: Cool & Intact Project Number: Tamara Oldaker 1033 / 1053 (03.18.22 / 4.01.22) Sample Received By:

Project Location: COG - EDDY CO NM

Sample ID: SW - 12 (2.5') (H222670-09)

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	06/22/2022	ND	2.11	106	2.00	3.71	
Toluene*	<0.050	0.050	06/22/2022	ND	2.07	103	2.00	3.68	
Ethylbenzene*	<0.050	0.050	06/22/2022	ND	2.04	102	2.00	3.74	
Total Xylenes*	<0.150	0.150	06/22/2022	ND	6.33	105	6.00	3.88	
Total BTEX	<0.300	0.300	06/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 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	80.0	16.0	06/23/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	10.5	10.0	06/22/2022	ND	245	122	200	19.8	
DRO >C10-C28*	600	10.0	06/22/2022	ND	225	113	200	16.7	
EXT DRO >C28-C36	71.0	10.0	06/22/2022	ND					
Surrogate: 1-Chlorooctane	95.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	112 %	6 59.5-14	2						

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Analytical Results For:

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

Fax To:

Received: 06/22/2022 06/23/2022 Sampling Date: 06/22/2022 Sampling Type: Soil

Reported: Project Name:

SRO STATE COM #45

Sampling Condition: Cool & Intact

Project Number:

1033 / 1053 (03.18.22 / 4.01.22) Sample Received By:

Tamara Oldaker

Project Location:

RTFY 8021R

COG - EDDY CO NM

Sample ID: SW - 13 (0.5') (H222670-10)

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/22/2022	ND	2.11	106	2.00	3.71	
Toluene*	<0.050	0.050	06/22/2022	ND	2.07	103	2.00	3.68	
Ethylbenzene*	<0.050	0.050	06/22/2022	ND	2.04	102	2.00	3.74	
Total Xylenes*	<0.150	0.150	06/22/2022	ND	6.33	105	6.00	3.88	
Total BTEX	<0.300	0.300	06/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/23/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2022	ND	245	122	200	19.8	
DRO >C10-C28*	123	10.0	06/22/2022	ND	225	113	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	06/22/2022	ND					
Surrogate: 1-Chlorooctane	95.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	105	% 59.5-14	2						

Applyzod By: 1H /

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06/22/2022

Soil

Analytical Results For:

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

Received: 06/22/2022 Reported: 06/23/2022

06/23/2022 Sampling Type:

Sampling Date:

Project Name: SRO STATE COM #45 Sampling Condition: Cool & Intact
Project Number: 1033 / 1053 (03.18.22 / 4.01.22) Sample Received By: Tamara Oldaker

Project Location: COG - EDDY CO NM

Sample ID: SW - 14 (2') (H222670-11)

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	06/22/2022	ND	2.11	106	2.00	3.71	
Toluene*	<0.050	0.050	06/22/2022	ND	2.07	103	2.00	3.68	
Ethylbenzene*	<0.050	0.050	06/22/2022	ND	2.04	102	2.00	3.74	
Total Xylenes*	0.561	0.150	06/22/2022	ND	6.33	105	6.00	3.88	
Total BTEX	0.561	0.300	06/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/23/2022	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	67.8	10.0	06/22/2022	ND	245	122	200	19.8	
DRO >C10-C28*	1500	10.0	06/22/2022	ND	225	113	200	16.7	
EXT DRO >C28-C36	205	10.0	06/22/2022	ND					
Surrogate: 1-Chlorooctane	95.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	126	% 59.5-14	2						

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Analytical Results For:

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

Received: 06/22/2022 Sampling Date: 06/22/2022

Reported: 06/23/2022 Sampling Type: Soil

Project Name: SRO STATE COM #45 Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 1033 / 1053 (03.18.22 / 4.01.22) Sample Received By:

Project Location: COG - EDDY CO NM

Sample ID: SW - 15 (2') (H222670-12)

BTEX 8021B	mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/22/2022	ND	2.11	106	2.00	3.71	
Toluene*	<0.050	0.050	06/22/2022	ND	2.07	103	2.00	3.68	
Ethylbenzene*	<0.050	0.050	06/22/2022	ND	2.04	102	2.00	3.74	
Total Xylenes*	<0.150	0.150	06/22/2022	ND	6.33	105	6.00	3.88	
Total BTEX	<0.300	0.300	06/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/23/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2022	ND	245	122	200	19.8	
DRO >C10-C28*	<10.0	10.0	06/22/2022	ND	225	113	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	06/22/2022	ND					
Surrogate: 1-Chlorooctane	92.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	98.9	% 59.5-14	2						

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Analytical Results For:

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

Received: 06/22/2022

Sampling Date: Sampling Type: 06/22/2022

Reported: Project Name: 06/23/2022 SRO STATE COM #45

Sampling Condition:

Soil Cool & Intact

Project Number:

1033 / 1053

(03.18.22 / 4.01.22)

Sample Received By:

Tamara Oldaker

Project Location:

COG - EDDY CO NM

Sample ID: SW - 16 (2') (H222670-13)

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	06/22/2022	ND	2.11	106	2.00	3.71	
Toluene*	<0.050	0.050	06/22/2022	ND	2.07	103	2.00	3.68	
Ethylbenzene*	<0.050	0.050	06/22/2022	ND	2.04	102	2.00	3.74	
Total Xylenes*	0.193	0.150	06/22/2022	ND	6.33	105	6.00	3.88	
Total BTEX	<0.300	0.300	06/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/23/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2022	ND	245	122	200	19.8	
DRO >C10-C28*	317	10.0	06/22/2022	ND	225	113	200	16.7	
EXT DRO >C28-C36	40.8	10.0	06/22/2022	ND					
Surrogate: 1-Chlorooctane	112	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	127	% 59.5-14	2						

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Analytical Results For:

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

(03.18.22 / 4.01.22)

Received: 06/22/2022 Reported: 06/23/2022

Sampling Date: Sampling Type:

Project Name: SRO STATE COM #45

COG - EDDY CO NM

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

06/22/2022

Soil

Project Number: 1033 / 1053

Sample ID: SW - 17 (2') (H222670-14)

Project Location:

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/22/2022	ND	2.11	106	2.00	3.71	
Toluene*	<0.050	0.050	06/22/2022	ND	2.07	103	2.00	3.68	
Ethylbenzene*	<0.050	0.050	06/22/2022	ND	2.04	102	2.00	3.74	
Total Xylenes*	<0.150	0.150	06/22/2022	ND	6.33	105	6.00	3.88	
Total BTEX	<0.300	0.300	06/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 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	48.0	16.0	06/23/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2022	ND	245	122	200	19.8	
DRO >C10-C28*	<10.0	10.0	06/23/2022	ND	225	113	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	06/23/2022	ND					
Surrogate: 1-Chlorooctane	80.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	85.2	% 59.5-14	2						

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Analytical Results For:

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

Received: 06/22/2022 Sampling Date: 06/22/2022

Reported: Project Name: 06/23/2022

Sampling Type: Soil

Project Number:

SRO STATE COM #45

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

Project Location:

1033 / 1053 (03.18.22 / 4.01.22) COG - EDDY CO NM

Sample ID: SW - 18 (1') (H222670-15)

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	06/22/2022	ND	2.11	106	2.00	3.71	
Toluene*	<0.050	0.050	06/22/2022	ND	2.07	103	2.00	3.68	

Ethylbenzene* < 0.050 0.050 06/22/2022 ND 2.04 102 2.00 3.74 Total Xylenes* 0.308 0.150 06/22/2022 ND 6.33 105 6.00 3.88 Total BTEX 0.308 0.300 06/22/2022 ND

Surrogate: 4-Bromofluorobenzene (PID

107 %

69 9-140

66.9-136

Surroguie. 4-Dromojiuorobenzene (11D	107	/0 09.9-14	U						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/23/2022	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	10.1	10.0	06/22/2022	ND	245	122	200	19.8	
DRO >C10-C28*	368	10.0	06/22/2022	ND	225	113	200	16.7	
EXT DRO >C28-C36	51.5	10.0	06/22/2022	ND					

Surrogate: 1-Chlorooctane 92.2 %

Surrogate: 1-Chlorooctadecane 113 % 59.5-142

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Analytical Results For:

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

Received: 06/22/2022 Reported: 06/23/2022

Project Name: SRO STATE COM #45

Project Number: 1033 / 1053 (03.18.22 / 4.01.22)

Project Location: COG - EDDY CO NM Sampling Date: 06/22/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Tamara Oldaker

Sample ID: SW - 19 (1') (H222670-16)

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	06/22/2022	ND	2.11	106	2.00	3.71	
Toluene*	<0.050	0.050	06/22/2022	ND	2.07	103	2.00	3.68	
Ethylbenzene*	<0.050	0.050	06/22/2022	ND	2.04	102	2.00	3.74	
Total Xylenes*	<0.150	0.150	06/22/2022	ND	6.33	105	6.00	3.88	
Total BTEX	<0.300	0.300	06/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/23/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2022	ND	245	122	200	19.8	
DRO >C10-C28*	<10.0	10.0	06/22/2022	ND	225	113	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	06/22/2022	ND					
Surrogate: 1-Chlorooctane	80.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	87.4	% 59.5-14	12						

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Analytical Results For:

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

Received: 06/22/2022 Reported: 06/23/2022 Sampling Date: 06/22/2022 Sampling Type: Soil

Project Name:

SRO STATE COM #45

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

Project Number: Project Location: 1033 / 1053 (03.18.22 / 4.01.22) COG - EDDY CO NM

Sample ID: SW - 20 (1') (H222670-17)

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	06/22/2022	ND	2.11	106	2.00	3.71	
Toluene*	<0.050	0.050	06/22/2022	ND	2.07	103	2.00	3.68	
Ethylbenzene*	<0.050	0.050	06/22/2022	ND	2.04	102	2.00	3.74	
Total Xylenes*	<0.150	0.150	06/22/2022	ND	6.33	105	6.00	3.88	
Total BTEX	<0.300	0.300	06/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/23/2022	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2022	ND	245	122	200	19.8	
DRO >C10-C28*	17.9	10.0	06/22/2022	ND	225	113	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	06/22/2022	ND					
Surrogate: 1-Chlorooctane	101	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	111	% 59.5-14	2						

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Analytical Results For:

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

Received: 06/22/2022 Reported: 06/23/2022

06/23/2022

Project Name: SRO STATE COM #45
Project Number: 1033 / 1053 (03.18.22 / 4.01.22)

Project Location: COG - EDDY CO NM

Sampling Date: 06/22/2022

Sampling Type: Soil

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

Sample ID: SW - 21 (1') (H222670-18)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/22/2022	ND	2.11	106	2.00	3.71	
Toluene*	<0.050	0.050	06/22/2022	ND	2.07	103	2.00	3.68	
Ethylbenzene*	<0.050	0.050	06/22/2022	ND	2.04	102	2.00	3.74	
Total Xylenes*	<0.150	0.150	06/22/2022	ND	6.33	105	6.00	3.88	
Total BTEX	<0.300	0.300	06/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/23/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2022	ND	245	122	200	19.8	
DRO >C10-C28*	<10.0	10.0	06/22/2022	ND	225	113	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	06/22/2022	ND					
Surrogate: 1-Chlorooctane	97.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	106	% 59.5-14	2						

Applyzod By: 1H /

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Analytical Results For:

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

Received: 06/22/2022 Sampling Date: 06/22/2022

Reported: 06/23/2022 Sampling Type: Soil

Project Name: SRO STATE COM #45 Sampling Condition: Cool & Intact
Project Number: 1033 / 1053 (03.18.22 / 4.01.22) Sample Received By: Tamara Oldaker

Project Location: COG - EDDY CO NM

Sample ID: CS - 4 (3') (H222670-19)

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	06/22/2022	ND	2.11	106	2.00	3.71	
Toluene*	<0.050	0.050	06/22/2022	ND	2.07	103	2.00	3.68	
Ethylbenzene*	<0.050	0.050	06/22/2022	ND	2.04	102	2.00	3.74	
Total Xylenes*	<0.150	0.150	06/22/2022	ND	6.33	105	6.00	3.88	
Total BTEX	<0.300	0.300	06/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/23/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2022	ND	245	122	200	19.8	
DRO >C10-C28*	<10.0	10.0	06/22/2022	ND	225	113	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	06/22/2022	ND					
Surrogate: 1-Chlorooctane	83.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	87.6	% 59.5-14	12						

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Analytical Results For:

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

Received: 06/22/2022 Reported: 06/23/2022 Sampling Date: 06/22/2022 Sampling Type: Soil

Reported: Project Name:

SRO STATE COM #45

Sampling Condition: Cool & Intact

Project Number:

1033 / 1053 (03.18.22 / 4.01.22)

Sample Received By:

Tamara Oldaker

Project Location:

BTEX 8021B

COG - EDDY CO NM

Sample ID: CS - 5 (3') (H222670-20)

DIEX GOZID	11197	K9	Alldiyzo	a by. 5117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/22/2022	ND	2.11	106	2.00	3.71	
Toluene*	<0.050	0.050	06/22/2022	ND	2.07	103	2.00	3.68	
Ethylbenzene*	<0.050	0.050	06/22/2022	ND	2.04	102	2.00	3.74	
Total Xylenes*	<0.150	0.150	06/22/2022	ND	6.33	105	6.00	3.88	
Total BTEX	<0.300	0.300	06/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	'kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/23/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2022	ND	245	122	200	19.8	
DRO >C10-C28*	<10.0	10.0	06/23/2022	ND	225	113	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	06/23/2022	ND					
Surrogate: 1-Chlorooctane	79.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	84.1	% 59.5-14	2						

Analyzed By: JH/

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Analytical Results For:

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

Received: 06/22/2022 Reported:

Sampling Date:

06/22/2022

Project Name:

06/23/2022

Sampling Type:

Soil

Project Number:

SRO STATE COM #45 1033 / 1053

(03.18.22 / 4.01.22)

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

Project Location:

BTEX 8021B

COG - EDDY CO NM

Sample ID: CS - 6 (3') (H222670-21)

DIEX GOZID	ıııg,	, kg	Alldiyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/22/2022	ND	2.24	112	2.00	3.59	QR-03
Toluene*	<0.050	0.050	06/22/2022	ND	2.21	111	2.00	3.99	QR-03
Ethylbenzene*	<0.050	0.050	06/22/2022	ND	2.09	105	2.00	3.26	QR-03
Total Xylenes*	<0.150	0.150	06/22/2022	ND	6.50	108	6.00	3.33	QR-03
Total BTEX	<0.300	0.300	06/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0 % 69.9-14		0						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/23/2022	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2022	ND	207	103	200	5.15	
DRO >C10-C28*	<10.0	10.0	06/23/2022	ND	210	105	200	0.492	
EXT DRO >C28-C36	<10.0	10.0	06/23/2022	ND					
Surrogate: 1-Chlorooctane	92.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	96.1	% 59.5-14	2						

Analyzed By: JH

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06/22/2022

Analytical Results For:

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

Fax To:

Received: 06/22/2022 Sampling Date:

Reported: 06/23/2022 Sampling Type: Soil

Project Name: SRO STATE COM #45 Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 1033 / 1053 (03.18.22 / 4.01.22) Sample Received By:

Project Location: COG - EDDY CO NM

Sample ID: CS - 7 (3') (H222670-22)

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	06/22/2022	ND	2.24	112	2.00	3.59	
Toluene*	<0.050	0.050	06/22/2022	ND	2.21	111	2.00	3.99	
Ethylbenzene*	<0.050	0.050	06/22/2022	ND	2.09	105	2.00	3.26	
Total Xylenes*	<0.150	0.150	06/22/2022	ND	6.50	108	6.00	3.33	
Total BTEX	<0.300	0.300	06/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/23/2022	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2022	ND	207	103	200	5.15	
DRO >C10-C28*	<10.0	10.0	06/23/2022	ND	210	105	200	0.492	
EXT DRO >C28-C36	<10.0	10.0	06/23/2022	ND					
Surrogate: 1-Chlorooctane	102	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	98.7	% 59.5-14	22						

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Analytical Results For:

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

Received: 06/22/2022 Sampling Date: 06/22/2022

Reported: 06/23/2022 Sampling Type: Soil

Project Name: SRO STATE COM #45 Sampling Condition: Cool & Intact Project Number: 1033 / 1053 (03.18.22 / 4.01.22) Sample Received By: Tamara Oldaker

Project Location: COG - EDDY CO NM

Sample ID: CS - 8 (3') (H222670-23)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/22/2022	ND	2.24	112	2.00	3.59	
Toluene*	<0.050	0.050	06/22/2022	ND	2.21	111	2.00	3.99	
Ethylbenzene*	<0.050	0.050	06/22/2022	ND	2.09	105	2.00	3.26	
Total Xylenes*	<0.150	0.150	06/22/2022	ND	6.50	108	6.00	3.33	
Total BTEX	<0.300	0.300	06/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/23/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2022	ND	207	103	200	5.15	
DRO >C10-C28*	34.3	10.0	06/23/2022	ND	210	105	200	0.492	
EXT DRO >C28-C36	<10.0	10.0	06/23/2022	ND					
Surrogate: 1-Chlorooctane	97.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	98.0	% 59.5-14	2						

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Analytical Results For:

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

Received: 06/22/2022 Reported:

06/23/2022

Project Name: SRO STATE COM #45 Project Number: 1033 / 1053 (03.18.22 / 4.01.22)

Project Location: COG - EDDY CO NM Sampling Date: 06/22/2022

Sampling Type: Soil

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

Sample ID: CS - 9 (3') (H222670-24)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/22/2022	ND	2.24	112	2.00	3.59	
Toluene*	<0.050	0.050	06/22/2022	ND	2.21	111	2.00	3.99	
Ethylbenzene*	<0.050	0.050	06/22/2022	ND	2.09	105	2.00	3.26	
Total Xylenes*	<0.150	0.150	06/22/2022	ND	6.50	108	6.00	3.33	
Total BTEX	<0.300	0.300	06/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/23/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2022	ND	207	103	200	5.15	
DRO >C10-C28*	34.5	10.0	06/23/2022	ND	210	105	200	0.492	
EXT DRO >C28-C36	<10.0	10.0	06/23/2022	ND					
Surrogate: 1-Chlorooctane	84.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	84.1	% 59.5-14	2						

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Celey D. Keene



Analytical Results For:

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

Received: 06/22/2022

Sampling Date:

06/22/2022

Reported:

06/23/2022

Sampling Type:

Soil

Project Name:

SRO STATE COM #45

mg/kg

02.10.22./4.01.22.\

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

Project Location:

BTEX 8021B

1033 / 1053

(03.18.22 / 4.01.22)

Project Location: COG - EDDY CO NM

Sample ID: CS - 10 (2.5') (H222670-25)

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/22/2022	ND	2.24	112	2.00	3.59	
Toluene*	<0.050	0.050	06/22/2022	ND	2.21	111	2.00	3.99	
Ethylbenzene*	<0.050	0.050	06/22/2022	ND	2.09	105	2.00	3.26	
Total Xylenes*	<0.150	0.150	06/22/2022	ND	6.50	108	6.00	3.33	
Total BTEX	<0.300	0.300	06/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2 % 69.9-14		0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/23/2022	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2022	ND	207	103	200	5.15	
DRO >C10-C28*	<10.0	10.0	06/23/2022	ND	210	105	200	0.492	
EXT DRO >C28-C36	<10.0	10.0	06/23/2022	ND					
Surrogate: 1-Chlorooctane	98.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	97.2	% 59.5-14	2						

Analyzed By: JH

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06/22/2022

Analytical Results For:

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

Fax To:

Received: 06/22/2022 Sampling Date:

Reported: 06/23/2022 Sampling Type: Soil

Project Name: SRO STATE COM #45 Sampling Condition: Cool & Intact Tamara Oldaker Project Number: 1033 / 1053 (03.18.22 / 4.01.22) Sample Received By:

Analyzed By: JH

Project Location: COG - EDDY CO NM

mg/kg

Sample ID: CS - 11 (2.5') (H222670-26)

BTEX 8021B

DILX GOZID	iiig/	- Kg	Allulyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/22/2022	ND	2.24	112	2.00	3.59	
Toluene*	<0.050	0.050	06/22/2022	ND	2.21	111	2.00	3.99	
Ethylbenzene*	<0.050	0.050	06/22/2022	ND	2.09	105	2.00	3.26	
Total Xylenes*	<0.150	0.150	06/22/2022	ND	6.50	108	6.00	3.33	
Total BTEX	<0.300	0.300	06/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7 % 69.9-14		0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/23/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2022	ND	207	103	200	5.15	
DRO >C10-C28*	<10.0	10.0	06/23/2022	ND	210	105	200	0.492	
EXT DRO >C28-C36	<10.0	10.0	06/23/2022	ND					
Surrogate: 1-Chlorooctane	100	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	96.2	% 59.5-14	2						

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Analytical Results For:

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

(03.18.22 / 4.01.22)

Received: 06/22/2022 Reported:

Sampling Date: 06/22/2022 06/23/2022 Sampling Type: Soil

Project Name: SRO STATE COM #45

1033 / 1053

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

Project Location: COG - EDDY CO NM

Sample ID: CS - 12 (2') (H222670-27)

Project Number:

3TEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/22/2022	ND	2.24	112	2.00	3.59	
Toluene*	<0.050	0.050	06/22/2022	ND	2.21	111	2.00	3.99	
Ethylbenzene*	<0.050	0.050	06/22/2022	ND	2.09	105	2.00	3.26	
Total Xylenes*	<0.150	0.150	06/22/2022	ND	6.50	108	6.00	3.33	
Total BTEX	<0.300	0.300	06/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/23/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2022	ND	207	103	200	5.15	
DRO >C10-C28*	11.0	10.0	06/23/2022	ND	210	105	200	0.492	
EXT DRO >C28-C36	<10.0	10.0	06/23/2022	ND					
Surrogate: 1-Chlorooctane	101 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	103 9	59.5-14	2						

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Analytical Results For:

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

Fax To:

(03.18.22 / 4.01.22)

Received: 06/22/2022 06/23/2022 Sampling Date: 06/22/2022 Sampling Type: Soil

Reported: Project Name:

SRO STATE COM #45

Sampling Condition: Cool & Intact

Project Number:

RTFY 8021R

1033 / 1053

Sample Received By:

Tamara Oldaker

Project Location:

COG - EDDY CO NM

Sample ID: CS - 13 (2') (H222670-28)

BIEX 8021B	mg	/кд	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/22/2022	ND	2.24	112	2.00	3.59	
Toluene*	<0.050	0.050	06/22/2022	ND	2.21	111	2.00	3.99	
Ethylbenzene*	<0.050	0.050	06/22/2022	ND	2.09	105	2.00	3.26	
Total Xylenes*	<0.150	0.150	06/22/2022	ND	6.50	108	6.00	3.33	
Total BTEX	<0.300	0.300	06/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	06/23/2022	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	27.3	10.0	06/23/2022	ND	207	103	200	5.15	
DRO >C10-C28*	2000	10.0	06/23/2022	ND	210	105	200	0.492	
EXT DRO >C28-C36	316	10.0	06/23/2022	ND					
Surrogate: 1-Chlorooctane	96.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	99.1	% 59.5-14	2						

Applyzod By: 14

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Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 06/22/2022 Reported:

06/23/2022 Sampling Type:

Project Name: SRO STATE COM #45 Project Number: 1033 / 1053 (03.18.22 / 4.01.22) Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

06/22/2022

Soil

Sampling Date:

Project Location: COG - EDDY CO NM

Sample ID: CS - 14 (2') (H222670-29)

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	06/22/2022	ND	2.24	112	2.00	3.59	
Toluene*	<0.050	0.050	06/22/2022	ND	2.21	111	2.00	3.99	
Ethylbenzene*	<0.050	0.050	06/22/2022	ND	2.09	105	2.00	3.26	
Total Xylenes*	<0.150	0.150	06/22/2022	ND	6.50	108	6.00	3.33	
Total BTEX	<0.300	0.300	06/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/23/2022	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2022	ND	207	103	200	5.15	
DRO >C10-C28*	187	10.0	06/23/2022	ND	210	105	200	0.492	
EXT DRO >C28-C36	30.5	10.0	06/23/2022	ND					
Surrogate: 1-Chlorooctane	101	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	107	% 59.5-14	2						

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received: 06/22/2022 Sampling Date: 06/22/2022

Reported: 06/23/2022 Sampling Type: Soil

Project Name: SRO STATE COM #45 Sampling Condition: Cool & Intact
Project Number: 1033 / 1053 (03.18.22 / 4.01.22) Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: COG - EDDY CO NM

Sample ID: CS - 15 (1') (H222670-30)

BTEX 8021B

DILX OUZID	ıııg,	, kg	Andryzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/22/2022	ND	2.24	112	2.00	3.59	
Toluene*	<0.050	0.050	06/22/2022	ND	2.21	111	2.00	3.99	
Ethylbenzene*	<0.050	0.050	06/22/2022	ND	2.09	105	2.00	3.26	
Total Xylenes*	<0.150	0.150	06/22/2022	ND	6.50	108	6.00	3.33	
Total BTEX	<0.300	0.300	06/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/23/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2022	ND	207	103	200	5.15	
DRO >C10-C28*	<10.0	10.0	06/23/2022	ND	210	105	200	0.492	
EXT DRO >C28-C36	<10.0	10.0	06/23/2022	ND					
Surrogate: 1-Chlorooctane	67.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	68.1	% 59.5-14	2						

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received: 06/22/2022 Reported: 06/23/2022

06/23/2022 Sampling Type:

Sampling Date:

Project Name: SRO STATE COM #45
Project Number: 1033 / 1053 (03.18.22 / 4.01.22)

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

06/22/2022

Soil

Project Location: COG - EDDY CO NM

Sample ID: CS - 16 (1') (H222670-31)

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	06/22/2022	ND	2.24	112	2.00	3.59	
Toluene*	<0.050	0.050	06/22/2022	ND	2.21	111	2.00	3.99	
Ethylbenzene*	<0.050	0.050	06/22/2022	ND	2.09	105	2.00	3.26	
Total Xylenes*	<0.150	0.150	06/22/2022	ND	6.50	108	6.00	3.33	
Total BTEX	<0.300	0.300	06/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 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	48.0	16.0	06/23/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2022	ND	207	103	200	5.15	
DRO >C10-C28*	25.7	10.0	06/23/2022	ND	210	105	200	0.492	
EXT DRO >C28-C36	<10.0	10.0	06/23/2022	ND					
Surrogate: 1-Chlorooctane	101	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	103	% 59.5-14	2						

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-04	The RPD for the BS/BSD was outside of historical limits.
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.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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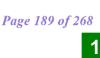
Celeg D. Freene

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Manager: Conner Moehring Manager: Conner Moehring Manager: Conner Moehring Company Name: Carmona Resources Carmona Resources Company Name: COG State of Project: Address: 15 W London Rd State of Project: Reporting: Level III Level III PST/UST SRO State Com #45 (03.18.22/4.01.22) Turn Around Bill to: (if different) Jacqui Harris COG Program: UST/PST PRP Brownfield State of Project: Reporting: Level III Level III PST/UST Deliverables: EDD ADaPT Deliverables: EDD ADaPT	Manager: Conner Moehring Mork Order Comner Moehring Mork Order Comner Moehring Mork Order Moehring Mork Order Comner Moehring Manager: Conner Moehring Mork Order No:	None: N				\vdash	Code	Rush	Routine)33/1053	10	Project Number.
Manager: Conner Moehring Manager: Conner Moehring Manager: Conner Moehring Manager: Conner Moehring Company Name: Company Name: COG Midland, TX 79701 Midland, TX 79701 Midland, TX 79701 Email: jacqui.harris@conocophillips.com Manager: Conner Moehring Macqui Harris COG Program: UST/PST PRP Brownfields State of Project: Reporting: Level III Level III PST/UST Deliverables: EDD ADaPT	Manager: Conner Moehring Bill to: (if different) Jacqui Harris Ny Name: Carmona Resources Company Name: COG State of Project Address: 15 W London Rd Address: Loving,NM 88256 Heporting: Level City, State ZIP: Loving,NM 88256 Email: jacqui.harris@conocophillips.com Deliverables: Email: pacqui.harris@conocophillips.com	Pr	QUEST	ANALYSIS RE				round	Turn A	6	tate Com #4 3.22/4.01.22)	SRO S (03.18	Project Name:
Conner Moehring Bill to: (if different) Carmona Resources Company Name: COG Company Name: COG Address: Address: Address: Midland, TX 79701 City, State ZIP: Loving, NM 88256 Bill to: (if different) Jacqui Harris Work Order Comm Program: UST/PST PRP Brownfields State of Project: Reporting: Level III Level III PST/UST	Conner Moehring Bill to: (if different) Carmona Resources Company Name: COG Address: Midland, TX 79701 City, State ZIP: Loving, NM 88256 CIGNOR COMPANY Name: COG Program: UST: State of Project Reporting: Level	ADaPT L				s.com	ocophillip	cqui.harris@con	Email: ja			432-813-6823	Phone:
Conner Moehring Bill to: (if different) Carmona Resources Company Name: COG Program: UST/PST PRP Brownfields State of Project:	Conner Moehring Carmona Resources Carmona Resources Company Name: COG Address: Address: COG Program: UST				N 88256	ving, NA	Lo	y, State ZIP:	C		701	Midland, TX 79	City, State ZIP:
Conner Moehring Bill to: (# different) Carmona Resources Company Name: COG Work Program: UST/PST PRP	Conner Moehring Bill to: (if different) Carmona Resources Company Name: COG Program: USTI		1		don Rd	W Lon	15	ldress:	Ac		Ste 415	310 W Wall St	Address:
Conner Moehring Bill to: (it different) Jacqui Harris Work Order Comm	Conner Moehring Bill to: (It different) Jacqui Harris	Brownfields	PRP			G	CO	mpany Name:	CC		urces	Carmona Reso	Company Name:
P _i		der Comme	Work Orc		ıris	cqui Ha	Ja	I to: (if different)	Bii		ng	Conner Moehri	Project Manager:
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HOL Na.S.O. NaSO.			GR	TEX :		-0.5:		Correction Factor:	NO NIA	Yes	Cooler Custody Seals:
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DPAIR	The state of the s			85.	Pres.	√ Rush	Routine		1033/1053		Project Number:
	N YSIS REQUEST	SISA IVNV				Turn Around	Turn) 45	SRO State Com #45 (03.18.22/4.01.22)	SRO (03.	Project Name:
ADaPT Other:	Deliverables: EDD		com	ophillips.	is@conoc	jacqui.harris@conocophillips.com	Email:			432-813-6823	Phone:
el III 🗅 ST/UST 🔲 TRRP 📗 Level IV 🗎	Reporting:Level II Level III		Loving, NM 88256	Lovir	ZIP:	City, State ZIP.			79701	Midland, TX 79701	City, State ZIP:
[State of Project:		15 W London Rd	15 W		Address:			it Ste 415	310 W Wall St Ste 415	Address:
RP Brownfields RRC Innerfund	Program: UST/PST PRP		3,	cog	lame:	Company Name			sources	Carmona Resources	Company Name:
	Wo		Jacqui Harris	Jacq	erent)	Bill to: (if different)			iring	Conner Moehring	Project Manager.
Page of											
Work Order No: THEFFE OF NO.	Work C										
		Chain of Chairdy									



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-16296-1

Laboratory Sample Delivery Group: Eddy Co, NM

Client Project/Site: SRO State Com #45 (03.18.22/4.01.22)

Revision: 1

For:

eurofins 🔆

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

Attn: Conner Moehring

RAMPR

Authorized for release by: 6/29/2022 12:17:48 PM

Jessica Kramer, Project Manager (432)704-5440

Jessica.Kramer@et.eurofinsus.com

.....LINKS

Review your project results through

EOL

Have a Question?

Received by OCD: 8/11/2022 11:45:34 AM

Visit us at:

www.eurofinsus.com/Env Released to Imaging: 9/28/2022 1:38:27 PM signature is intended to be the legally binding equivalent of a traditionally handwritten

This report has been electronically signed and authorized by the signatory. Electronic

Client: Carmona Resources Project/Site: SRO State Com #45 (03.18.22/4.01.22) Laboratory Job ID: 880-16296-1 SDG: Eddy Co, NM

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Definitions/Glossary

Client: Carmona Resources

Job ID: 880-16296-1

Project/Site: SRO State Com #45 (03.18.22/4.01.22) SDG: Eddy Co, NM

Qualifiers

GC VOA
Qualifier Qualifier Description

U Indicates the analyte was analyzed for but not detected.

GC Semi VOA

 Qualifier
 Qualifier Description

 F1
 MS and/or MSD recovery exceeds control limits.

 S1+
 Surrogate recovery exceeds control limits, high biased.

U Indicates the analyte was analyzed for but not detected.

HPLC/IC

U Indicates the analyte was analyzed for but not detected.

Glossary

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

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

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

DER Duplicate Error Ratio (normalized absolute difference)

Dil Fac Dilution Factor

DL Detection Limit (DoD/DOE)

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

DLC Decision Level Concentration (Radiochemistry)

EDL Estimated Detection Limit (Dioxin)

LOD Limit of Detection (DoD/DOE)

LOQ Limit of Quantitation (DoD/DOE)

MCL EPA recommended "Maximum Contaminant Level"

MDA Minimum Detectable Activity (Radiochemistry)

MDC Minimum Detectable Concentration (Radiochemistry)

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

NC Not Calculated

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

NEG Negative / Absent
POS Positive / Present

PQL Practical Quantitation Limit

PRES Presumptive
QC Quality Control

RER Relative Error Ratio (Radiochemistry)

RL Reporting Limit or Requested Limit (Radiochemistry)

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

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

TNTC Too Numerous To Count

Eurofins Midland

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Case Narrative

Client: Carmona Resources

Project/Site: SRO State Com #45 (03.18.22/4.01.22)

Job ID: 880-16296-1

SDG: Eddy Co, NM

Job ID: 880-16296-1

Laboratory: Eurofins Midland

Narrative

Job Narrative 880-16296-1

REVISION

The report being provided is a revision of the original report sent on 6/27/2022. The report (revision 1) is being revised due to Per client email, requesting re run on samples.

Report revision history

Receipt

The samples were received on 6/24/2022 3:31 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.4°C

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (MB 880-28379/1-A). Evidence of matrix interferences is not obvious.

Method 8015MOD NM: Surrogate recovery for the following samples were outside control limits: (880-16296-A-1-B MS) and (880-16296-A-1-C MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD NM: Surrogate recovery for the following sample was outside control limits: SW-9 (0.5') (880-16296-5). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD NM: The matrix spike duplicate (MSD) recoveries for preparation batch 880-28379 and analytical batch 880-28375 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015MOD NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-28577/3-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD NM: Surrogate recovery for the following sample was outside control limits: SW-14 (2') (880-16296-8). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-28577 and analytical batch 880-28522 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

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

Project/Site: SRO State Com #45 (03.18.22/4.01.22)

Job ID: 880-16296-1 SDG: Eddy Co, NM

Lab Sample ID: 880-16296-1

Matrix: Solid

Client Sample ID: CS-13 (2.5') Date Collected: 06/24/22 00:00

Date Received: 06/24/22 15:31

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/24/22 17:16	06/26/22 03:29	
Toluene	< 0.00202	U	0.00202		mg/Kg		06/24/22 17:16	06/26/22 03:29	1
Ethylbenzene	< 0.00202	U	0.00202		mg/Kg		06/24/22 17:16	06/26/22 03:29	1
m-Xylene & p-Xylene	< 0.00404	U	0.00404		mg/Kg		06/24/22 17:16	06/26/22 03:29	1
o-Xylene	< 0.00202	U	0.00202		mg/Kg		06/24/22 17:16	06/26/22 03:29	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/24/22 17:16	06/26/22 03:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130				06/24/22 17:16	06/26/22 03:29	
1,4-Difluorobenzene (Surr)	91		70 - 130				06/24/22 17:16	06/26/22 03:29	1
- Method: Total BTEX - Total B	TEX Calcula	tion							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			06/27/22 14:57	1
_ Method: 8015 NM - Diesel Ra	nge Organic	e (DBO) (C	3C)						
Analyte	_	Qualifier	RL	MDI	Unit	D	Prepared	Analyzed	
			114	IVIDE	Oilit	U	opa.oa	Allalyzeu	Dil Fac
Total TPH	<49.9	U	49.9	WIDE	mg/Kg			06/27/22 10:30	Dil Fac
Total TPH Method: 8015B NM - Diesel F			49.9	MDL					Dil Fac
- -	Range Organ		49.9				Prepared		Dil Fac
Method: 8015B NM - Diesel F Analyte Gasoline Range Organics	Range Organ	ics (DRO) Qualifier	49.9 (GC)		mg/Kg			06/27/22 10:30	1
Method: 8015B NM - Diesel F Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Range Organ Result	ics (DRO) Qualifier	49.9 (GC) RL		mg/Kg Unit		Prepared 06/25/22 10:11	06/27/22 10:30 Analyzed	Dil Fac
Method: 8015B NM - Diesel F Analyte Gasoline Range Organics (GRO)-C6-C10	Range Organ Result <49.9	ics (DRO) Qualifier U	49.9 (GC) RL 49.9		mg/Kg Unit mg/Kg		Prepared 06/25/22 10:11 06/25/22 10:11	06/27/22 10:30 Analyzed 06/26/22 01:20	Dil Fac
Method: 8015B NM - Diesel F Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Range Organ Result <49.9	ics (DRO) Qualifier U U F1	49.9 (GC) RL 49.9 49.9		mg/Kg Unit mg/Kg mg/Kg		Prepared 06/25/22 10:11 06/25/22 10:11	06/27/22 10:30 Analyzed 06/26/22 01:20 06/26/22 01:20	Dil Fac
Method: 8015B NM - Diesel F Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Range Organ Result <49.9 <49.9	ics (DRO) Qualifier U U F1	49.9 (GC) RL 49.9 49.9 49.9		mg/Kg Unit mg/Kg mg/Kg		Prepared 06/25/22 10:11 06/25/22 10:11	Analyzed 06/26/22 01:20 06/26/22 01:20 06/26/22 01:20	Dil Fac
Method: 8015B NM - Diesel F Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Range Organ Result <49.9 <49.9 <49.9 %Recovery	ics (DRO) Qualifier U U F1	49.9 (GC) RL 49.9 49.9 49.9 Limits		mg/Kg Unit mg/Kg mg/Kg		Prepared 06/25/22 10:11 06/25/22 10:11 06/25/22 10:11 Prepared	06/27/22 10:30 Analyzed 06/26/22 01:20 06/26/22 01:20 06/26/22 01:20 Analyzed	Dil Fac
Method: 8015B NM - Diesel F Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Range Organ Result <49.9 <49.9 <49.9 **Recovery 113 123	U F1 U Qualifier U Qualifier	49.9 (GC) RL 49.9 49.9 49.9 Limits 70 - 130 70 - 130		mg/Kg Unit mg/Kg mg/Kg		Prepared 06/25/22 10:11 06/25/22 10:11 06/25/22 10:11 Prepared 06/25/22 10:11	Analyzed 06/26/22 01:20 06/26/22 01:20 06/26/22 01:20 Analyzed 06/26/22 01:20	Dil Fac
Method: 8015B NM - Diesel F Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Range Organ Result <49.9 <49.9 <49.9 **Recovery 113 123 Chromatogra	U F1 U Qualifier U Qualifier	49.9 (GC) RL 49.9 49.9 49.9 Limits 70 - 130 70 - 130	MDL	mg/Kg Unit mg/Kg mg/Kg		Prepared 06/25/22 10:11 06/25/22 10:11 06/25/22 10:11 Prepared 06/25/22 10:11	Analyzed 06/26/22 01:20 06/26/22 01:20 06/26/22 01:20 Analyzed 06/26/22 01:20	Dil Fac

Client Sample ID: CS-14 (2.5') Lab Sample ID: 880-16296-2 Date Collected: 06/24/22 00:00 **Matrix: Solid**

Date Received: 06/24/22 15:31

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/24/22 17:16	06/26/22 03:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/24/22 17:16	06/26/22 03:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/24/22 17:16	06/26/22 03:49	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/24/22 17:16	06/26/22 03:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/24/22 17:16	06/26/22 03:49	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/24/22 17:16	06/26/22 03:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				06/24/22 17:16	06/26/22 03:49	1
1,4-Difluorobenzene (Surr)	89		70 - 130				06/24/22 17:16	06/26/22 03:49	1

Project/Site: SRO State Com #45 (03.18.22/4.01.22)

Job ID: 880-16296-1 SDG: Eddy Co, NM

Client Sample ID: CS-14 (2.5')

Date Collected: 06/24/22 00:00 Date Received: 06/24/22 15:31

Date Received: 06/24/22 15:31

Released to Imaging: 9/28/2022 1:38:27 PM

Lab Sample ID: 880-16296-2

Matrix: Solid

Method: Total BTEX - Total BTE	X Calcula	tion							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/27/22 14:57	1
Method: 8015 NM - Diesel Rang	je Organio	s (DRO) (G	iC)						

Result Qualifier

RL **MDL** Unit Dil Fac Analyte D Prepared Analyzed Total TPH <49.9 U 49.9 06/27/22 10:30 mg/Kg

Method: 8015B NM - Diesel Range Organics (DRO) (GC) Result Qualifier RL **MDL** Unit D Prepared Dil Fac Analyte Analyzed <49.9 U 49.9 06/25/22 10:11 06/26/22 02:23 Gasoline Range Organics mg/Kg (GRO)-C6-C10 <49.9 U 49.9 06/25/22 10:11 06/26/22 02:23 Diesel Range Organics (Over mg/Kg C10-C28) Oll Range Organics (Over C28-C36) <49.9 U 49.9 mg/Kg 06/25/22 10:11 06/26/22 02:23 Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac

1-Chlorooctane 117 70 - 130 06/25/22 10:11 06/26/22 02:23 o-Terphenyl 125 70 - 130 06/25/22 10:11 06/26/22 02:23

Method: 300.0 - Anions, Ion Chromatography - Soluble Result Qualifier Analyte

RL MDL Unit Prepared Analyzed Dil Fac 5.03 06/26/22 21:37 Chloride 10.0 mg/Kg

Client Sample ID: SW-4 (2') Lab Sample ID: 880-16296-3 Date Collected: 06/24/22 00:00 Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC) Analyte Result Qualifier RL **MDL** Unit D Prepared Analyzed Dil Fac Benzene <0.00199 U 0.00199 06/24/22 17:16 06/26/22 04:09 mg/Kg Toluene <0.00199 U 0.00199 mg/Kg 06/24/22 17:16 06/26/22 04:09 Ethylbenzene <0.00199 U 0.00199 mg/Kg 06/24/22 17:16 06/26/22 04:09 m-Xylene & p-Xylene <0.00398 U 0.00398 mg/Kg 06/24/22 17:16 06/26/22 04:09 o-Xylene <0.00199 U 0.00199 mg/Kg 06/24/22 17:16 06/26/22 04:09 Xylenes, Total <0.00398 U 0.00398 mg/Kg 06/24/22 17:16 06/26/22 04:09 %Recovery Qualifier Limits Dil Fac Surrogate Prepared Analyzed

70 - 130 06/24/22 17:16 06/26/22 04:09 4-Bromofluorobenzene (Surr) 120 1,4-Difluorobenzene (Surr) 91 70 - 130 06/24/22 17:16 06/26/22 04:09

Method: Total BTEX - Total BTEX Calculation Analyte **MDL** Unit D Result Qualifier RL Prepared Analyzed Total BTEX <0.00398 U 0.00398 mg/Kg 06/27/22 14:57

Method: 8015 NM - Diesel Range Organics (DRO) (GC) Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Total TPH <50.0 U 06/27/22 10:30 50.0 mg/Kg

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 06/25/22 10:11 06/26/22 02:44 mg/Kg (GRO)-C6-C10 <50.0 U 50.0 06/25/22 10:11 06/26/22 02:44 Diesel Range Organics (Over mg/Kg C10-C28)

Eurofins Midland

Dil Fac

Client: Carmona Resources

Job ID: 880-16296-1
Project/Site: SRO State Com #45 (03.18.22/4.01.22)

SDG: Eddy Co, NM

Client Sample ID: SW-4 (2')

Lab Sample ID: 880-16296-3

Date Collected: 06/24/22 00:00 Matrix: Solid
Date Received: 06/24/22 15:31

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/25/22 10:11	06/26/22 02:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				06/25/22 10:11	06/26/22 02:44	1
o-Terphenyl	123		70 - 130				06/25/22 10:11	06/26/22 02:44	1

Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Ohloride 11.9 5.03 mg/Kg D Prepared 06/26/22 22:04 1

Client Sample ID: SW-5 (3')

Date Collected: 06/24/22 00:00

Matrix: Solid

Date Received: 06/24/22 15:31

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/24/22 17:16	06/26/22 04:30	
Toluene	< 0.00201	U	0.00201		mg/Kg		06/24/22 17:16	06/26/22 04:30	1
Ethylbenzene	< 0.00201	U	0.00201		mg/Kg		06/24/22 17:16	06/26/22 04:30	•
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/24/22 17:16	06/26/22 04:30	•
o-Xylene	< 0.00201	U	0.00201		mg/Kg		06/24/22 17:16	06/26/22 04:30	
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/24/22 17:16	06/26/22 04:30	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	120		70 - 130				06/24/22 17:16	06/26/22 04:30	
1,4-Difluorobenzene (Surr)	90		70 - 130				06/24/22 17:16	06/26/22 04:30	
Method: Total BTEX - Total B	ΓEX Calcula	tion							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00402	П	0.00402		mg/Kg			06/27/22 14:57	
·	10.00402	O	0.00402		mg/rtg			00/21/22 14.51	
					mg/rtg			00/21/22 14.01	
Method: 8015 NM - Diesel Rar Analyte	nge Organic			MDL	Unit	D	Prepared	Analyzed	Dil Fac
Method: 8015 NM - Diesel Rar	nge Organic	s (DRO) (O	GC)	MDL		<u>D</u>	Prepared		
Method: 8015 NM - Diesel Rar Analyte Total TPH	nge Organic Result <49.9	s (DRO) (O Qualifier U	RL 49.9	MDL	Unit	<u>D</u>	Prepared	Analyzed	
Method: 8015 NM - Diesel Rar Analyte Total TPH Method: 8015B NM - Diesel Ra	nge Organic Result <49.9	s (DRO) (O Qualifier U	RL 49.9		Unit	<u>D</u>	Prepared Prepared	Analyzed	
Method: 8015 NM - Diesel Rar Analyte Total TPH Method: 8015B NM - Diesel Ra Analyte Gasoline Range Organics	nge Organic Result <49.9	S (DRO) (O Qualifier U	RL 49.9 (GC)		Unit mg/Kg			Analyzed 06/27/22 10:30	
Method: 8015 NM - Diesel Rar Analyte Total TPH Method: 8015B NM - Diesel Rar Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	nge Organic Result <49.9 ange Organ Result	S (DRO) (O Qualifier U	RL 49.9 (GC)		Unit mg/Kg Unit		Prepared	Analyzed 06/27/22 10:30 Analyzed	Dil Fa
Method: 8015 NM - Diesel Rar Analyte Total TPH Method: 8015B NM - Diesel Ra Analyte Gasoline Range Organics (GRO)-C6-C10	nge Organic Result <49.9 ange Organ Result <49.9	S (DRO) (O Qualifier U ics (DRO) Qualifier U	(GC) RL 49.9 RL 49.9		Unit mg/Kg Unit mg/Kg		Prepared 06/25/22 10:11	Analyzed 06/27/22 10:30 Analyzed 06/26/22 03:05	Dil Fac
Method: 8015 NM - Diesel Rar Analyte Total TPH Method: 8015B NM - Diesel Rar Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	nge Organic Result <49.9 ange Organ Result <49.9	s (DRO) (O Qualifier U ics (DRO) Qualifier U	(GC) RL 49.9 (GC) RL 49.9 49.9		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 06/25/22 10:11 06/25/22 10:11	Analyzed 06/27/22 10:30 Analyzed 06/26/22 03:05 06/26/22 03:05	Dil Fac
Method: 8015 NM - Diesel Rar Analyte Total TPH Method: 8015B NM - Diesel Rar Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	nge Organic Result <49.9 ange Organ Result <49.9 <49.9	s (DRO) (O Qualifier U ics (DRO) Qualifier U	GC) RL 49.9 (GC) RL 49.9 49.9 49.9		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 06/25/22 10:11 06/25/22 10:11	Analyzed 06/27/22 10:30 Analyzed 06/26/22 03:05 06/26/22 03:05	Dil Fac

Analyzed

06/26/22 22:14

Prepared

RL

5.03

MDL Unit

mg/Kg

Eurofins Midland

Dil Fac

Analyte

Chloride

Method: 300.0 - Anions, Ion Chromatography - Soluble

Result Qualifier

15.4

Job ID: 880-16296-1 Project/Site: SRO State Com #45 (03.18.22/4.01.22) SDG: Eddy Co, NM

Lab Sample ID: 880-16296-5 Client Sample ID: SW-9 (0.5')

Date Collected: 06/24/22 00:00 **Matrix: Solid** Date Received: 06/24/22 15:31

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/24/22 17:16	06/26/22 04:50	1
Toluene	< 0.00200	U	0.00200		mg/Kg		06/24/22 17:16	06/26/22 04:50	1
Ethylbenzene	< 0.00200	U	0.00200		mg/Kg		06/24/22 17:16	06/26/22 04:50	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/24/22 17:16	06/26/22 04:50	1
o-Xylene	< 0.00200	U	0.00200		mg/Kg		06/24/22 17:16	06/26/22 04:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/24/22 17:16	06/26/22 04:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130				06/24/22 17:16	06/26/22 04:50	1
1,4-Difluorobenzene (Surr)	92		70 - 130				06/24/22 17:16	06/26/22 04:50	1
Method: Total BTEX - Total B	TEX Calcula	tion							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			06/27/22 14:57	1
	•	(556) (6							
	•	s (DRO) (O Qualifier	C) RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte	•	Qualifier	•	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 06/27/22 10:30	
Analyte Total TPH	Result <50.0	Qualifier U	RL 50.0	MDL		<u>D</u>	Prepared		
Analyte Total TPH * Method: 8015B NM - Diesel R	Result <50.0	Qualifier U	RL 50.0			<u>D</u>	Prepared Prepared		1
Analyte Total TPH Method: 8015B NM - Diesel R Analyte Gasoline Range Organics	Result <50.0	Qualifier U ics (DRO) Qualifier	RL 50.0		mg/Kg			06/27/22 10:30	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel R Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result <50.0 ange Organ Result	Qualifier U ics (DRO) Qualifier U	RL 50.0		mg/Kg		Prepared	06/27/22 10:30 Analyzed	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel R Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result <50.0 ange Organ Result <50.0	Qualifier U ics (DRO) Qualifier U	RL 50.0 (GC) RL 50.0		mg/Kg Unit mg/Kg		Prepared 06/25/22 10:11	06/27/22 10:30 Analyzed 06/26/22 03:26 06/26/22 03:26	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel R Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result	Qualifier U ics (DRO) Qualifier U U	RL 50.0 (GC) RL 50.0 50.0		mg/Kg Unit mg/Kg mg/Kg		Prepared 06/25/22 10:11 06/25/22 10:11	06/27/22 10:30 Analyzed 06/26/22 03:26 06/26/22 03:26	1 Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel R Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Result <50.0 ange Organ Result <50.0 <50.0 <50.0	Qualifier U ics (DRO) Qualifier U U	RL 50.0 (GC) RL 50.0 50.0 50.0		mg/Kg Unit mg/Kg mg/Kg		Prepared 06/25/22 10:11 06/25/22 10:11	Analyzed 06/26/22 03:26 06/26/22 03:26 06/26/22 03:26	1 Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel R Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result <50.0	Qualifier U ics (DRO) Qualifier U U	RL 50.0 (GC) RL 50.0 50.0 50.0 Limits		mg/Kg Unit mg/Kg mg/Kg		Prepared 06/25/22 10:11 06/25/22 10:11 06/25/22 10:11 Prepared	06/27/22 10:30 Analyzed 06/26/22 03:26 06/26/22 03:26 06/26/22 03:26 Analyzed	1 Dil Fac
/	Result <50.0	Qualifier U ics (DRO) Qualifier U U Qualifier S1+	RL 50.0 (GC) RL 50.0 50.0 50.0 Limits 70 - 130 70 - 130		mg/Kg Unit mg/Kg mg/Kg		Prepared 06/25/22 10:11 06/25/22 10:11 06/25/22 10:11 Prepared 06/25/22 10:11	Analyzed 06/26/22 03:26 06/26/22 03:26 06/26/22 03:26 Analyzed 06/26/22 03:26	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel R Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Result <50.0	Qualifier U ics (DRO) Qualifier U U Qualifier S1+	RL 50.0 (GC) RL 50.0 50.0 50.0 Limits 70 - 130 70 - 130	MDL	mg/Kg Unit mg/Kg mg/Kg		Prepared 06/25/22 10:11 06/25/22 10:11 06/25/22 10:11 Prepared 06/25/22 10:11	Analyzed 06/26/22 03:26 06/26/22 03:26 06/26/22 03:26 Analyzed 06/26/22 03:26	1 Dil Fac

Client Sample ID: SW-12 (2.5') Lab Sample ID: 880-16296-6 Date Collected: 06/24/22 00:00 **Matrix: Solid**

Date Received: 06/24/22 15:31

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/24/22 17:16	06/26/22 05:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/24/22 17:16	06/26/22 05:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/24/22 17:16	06/26/22 05:11	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/24/22 17:16	06/26/22 05:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/24/22 17:16	06/26/22 05:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/24/22 17:16	06/26/22 05:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				06/24/22 17:16	06/26/22 05:11	1
1,4-Difluorobenzene (Surr)	89		70 - 130				06/24/22 17:16	06/26/22 05:11	1

Project/Site: SRO State Com #45 (03.18.22/4.01.22)

Job ID: 880-16296-1 SDG: Eddy Co, NM

Client Sample ID: SW-12 (2.5') Lab Sample ID: 880-16296-6

Date Collected: 06/24/22 00:00 Date Received: 06/24/22 15:31

120

127

Matrix: Solid

Method: Total BTEX - Total BTEX Calculation MDL Unit Analyte Result Qualifier RL D Prepared Analyzed Dil Fac Total BTEX <0.00398 U 0.00398 mg/Kg 06/27/22 14:57

Method: 8015 NM - Diesel Range Organics (DRO) (GC) Result Qualifier RL **MDL** Unit D Dil Fac Analyte Prepared Analyzed <49.8 U **Total TPH** 49.8 06/27/22 10:30 mg/Kg

Method: 8015B NM - Diesel Range Organics (DRO) (GC) Result Qualifier RL **MDL** Unit D Dil Fac Analyte Prepared Analyzed <49.8 U 49.8 06/25/22 10:11 06/26/22 03:47 Gasoline Range Organics mg/Kg (GRO)-C6-C10 <49.8 U 49 8 06/25/22 10:11 06/26/22 03:47 Diesel Range Organics (Over mg/Kg C10-C28) Oll Range Organics (Over C28-C36) <49.8 U 49.8 mg/Kg 06/25/22 10:11 06/26/22 03:47 Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac

Method: 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac 4.98 06/26/22 22:32 Chloride 25.1 mg/Kg

70 - 130

70 - 130

Client Sample ID: SW-13 (0.5') Lab Sample ID: 880-16296-7 Date Collected: 06/24/22 00:00 Matrix: Solid

Date Received: 06/24/22 15:31

1-Chlorooctane

o-Terphenyl

C10-C28)

Released to Imaging: 9/28/2022 1:38:27 PM

Method: 8021B - Volatile Organic Compounds (GC) Analyte Result Qualifier RL **MDL** Unit D Prepared Analyzed Dil Fac Benzene <0.00198 U 0.00198 06/25/22 18:16 06/27/22 11:01 mg/Kg 0.00198 Toluene <0.00198 U mg/Kg 06/25/22 18:16 06/27/22 11:01 Ethylbenzene <0.00198 U 0.00198 mg/Kg 06/25/22 18:16 06/27/22 11:01 m-Xylene & p-Xylene <0.00396 U 0.00396 mg/Kg 06/25/22 18:16 06/27/22 11:01 o-Xylene <0.00198 U 0.00198 mg/Kg 06/25/22 18:16 06/27/22 11:01 Xylenes, Total <0.00396 U 0.00396 mg/Kg 06/25/22 18:16 06/27/22 11:01 %Recovery Qualifier Limits Dil Fac Surrogate Prepared Analyzed 70 - 130 06/25/22 18:16 06/27/22 11:01 4-Bromofluorobenzene (Surr) 113 1,4-Difluorobenzene (Surr) 95 70 - 130 06/25/22 18:16 06/27/22 11:01 **Method: Total BTEX - Total BTEX Calculation** Analyte **MDL** Unit D Result Qualifier RL Prepared Analyzed Dil Fac Total BTEX <0.00396 U 0.00396 mg/Kg 06/27/22 14:57 Method: 8015 NM - Diesel Range Organics (DRO) (GC) Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Total TPH <50.0 U 06/27/22 10:30 50.0 mg/Kg 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 06/25/22 10:11 06/26/22 04:08 mg/Kg (GRO)-C6-C10 <50.0 U 06/25/22 10:11 06/26/22 04:08 Diesel Range Organics (Over 50.0 mg/Kg

Eurofins Midland

06/25/22 10:11 06/26/22 03:47

06/25/22 10:11 06/26/22 03:47

Client: Carmona Resources Job ID: 880-16296-1 Project/Site: SRO State Com #45 (03.18.22/4.01.22)

SDG: Eddy Co, NM

Client Sample ID: SW-13 (0.5') Lab Sample ID: 880-16296-7 Date Collected: 06/24/22 00:00 **Matrix: Solid**

Date Received: 06/24/22 15:31

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/25/22 10:11	06/26/22 04:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130				06/25/22 10:11	06/26/22 04:08	1
o-Terphenyl	124		70 - 130				06/25/22 10:11	06/26/22 04:08	1

Method: 300.0 - Anions, Ion Cl									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	19.4		5.00		mg/Kg			06/26/22 22:41	1

Client Sample ID: SW-14 (2') Lab Sample ID: 880-16296-8 Date Collected: 06/24/22 00:00 Matrix: Solid

Date Received: 06/24/22 15:31

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00200	U	0.00200		mg/Kg		06/25/22 18:16	06/27/22 11:21	
Toluene	<0.00200	U	0.00200		mg/Kg		06/25/22 18:16	06/27/22 11:21	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/25/22 18:16	06/27/22 11:21	
m-Xylene & p-Xylene	0.00414		0.00399		mg/Kg		06/25/22 18:16	06/27/22 11:21	
o-Xylene	0.00235		0.00200		mg/Kg		06/25/22 18:16	06/27/22 11:21	
Xylenes, Total	0.00649		0.00399		mg/Kg		06/25/22 18:16	06/27/22 11:21	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	117		70 - 130				06/25/22 18:16	06/27/22 11:21	
1,4-Difluorobenzene (Surr)	94		70 - 130				06/25/22 18:16	06/27/22 11:21	
Method: Total BTEX - Total B	TEX Calcula	tion							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	0.00649		0.00399		mg/Kg			06/27/22 14:57	
Analyte Total TPH	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	<49.9								
		U	49.9		mg/Kg			06/27/22 10:30	
: Method: 8015B NM - Diesel R					mg/Kg			06/27/22 10:30	
	ange Organ			MDL		D	Prepared	06/27/22 10:30 Analyzed	Dil Fa
Analyte Gasoline Range Organics	ange Organ	ics (DRO) Qualifier	(GC)	MDL		<u>D</u>	Prepared 06/28/22 16:43		Dil Fa
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	ange Organ Result	ics (DRO) Qualifier	(GC)	MDL	Unit	<u>D</u>	06/28/22 16:43	Analyzed	Dil Fa
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	ange Organ Result <49.9	ics (DRO) Qualifier U	(GC) RL 49.9	MDL	Unit mg/Kg	<u>D</u>	06/28/22 16:43 06/28/22 16:43	Analyzed 06/29/22 06:42	Dil Fa
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	ange Organ Result <49.9	Cualifier U	(GC) RL 49.9	MDL	Unit mg/Kg mg/Kg	<u>D</u>	06/28/22 16:43 06/28/22 16:43	Analyzed 06/29/22 06:42 06/29/22 06:42	Dil Fa
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate	ange Organ Result <49.9 <49.9 <49.9 %Recovery	Cualifier U	(GC) RL 49.9 49.9 49.9	MDL	Unit mg/Kg mg/Kg	<u>D</u>	06/28/22 16:43 06/28/22 16:43 06/28/22 16:43	Analyzed 06/29/22 06:42 06/29/22 06:42 06/29/22 06:42	
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	ange Organ Result <49.9 <49.9 <49.9 %Recovery	Qualifier U Qualifier	(GC) RL 49.9 49.9 49.9 Limits	MDL	Unit mg/Kg mg/Kg	<u>D</u>	06/28/22 16:43 06/28/22 16:43 06/28/22 16:43 Prepared 06/28/22 16:43	Analyzed 06/29/22 06:42 06/29/22 06:42 06/29/22 06:42 Analyzed	
Method: 8015B NM - Diesel R Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl Method: 300.0 - Anions, Ion C	**************************************	U Qualifier U Qualifier U Qualifier S1+	(GC) RL 49.9 49.9 49.9 Limits 70-130 70-130	MDL	Unit mg/Kg mg/Kg	<u>D</u>	06/28/22 16:43 06/28/22 16:43 06/28/22 16:43 Prepared 06/28/22 16:43	Analyzed 06/29/22 06:42 06/29/22 06:42 06/29/22 06:42 Analyzed 06/29/22 06:42	Dil Fa
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	ange Organ Result <49.9 <49.9 <49.9 **Recovery 139 123 Chromatogra	U Qualifier U Qualifier U Qualifier S1+	(GC) RL 49.9 49.9 49.9 Limits 70-130 70-130	MDL	Unit mg/Kg mg/Kg mg/Kg	<u>D</u>	06/28/22 16:43 06/28/22 16:43 06/28/22 16:43 Prepared 06/28/22 16:43	Analyzed 06/29/22 06:42 06/29/22 06:42 06/29/22 06:42 Analyzed 06/29/22 06:42	

Eurofins Midland

Client Sample ID: SW-16 (2')

Client: Carmona Resources

Project/Site: SRO State Com #45 (03.18.22/4.01.22)

Lab Sample ID: 880-16296-9

Matrix: Solid

Job ID: 880-16296-1

SDG: Eddy Co, NM

Date Collected: 06/24/22 00:00 Date Received: 06/24/22 15:31

	nic Compo	unds (GC)					
Analyte	Result	Qualifier	RL	MDL	Unit	D	P
Benzene	<0.00200	U	0.00200		mg/Kg		06/2

Dil Fac Prepared Analyzed 25/22 18:16 06/27/22 11:42 0.00200 06/27/22 11:42 Toluene <0.00200 U mg/Kg 06/25/22 18:16 Ethylbenzene <0.00200 U 0.00200 mg/Kg 06/25/22 18:16 06/27/22 11:42 0.00400 06/25/22 18:16 06/27/22 11:42 m-Xylene & p-Xylene <0.00400 U mg/Kg o-Xylene <0.00200 U 0.00200 mg/Kg 06/25/22 18:16 06/27/22 11:42 <0.00400 U 0.00400 06/25/22 18:16 06/27/22 11:42 Xylenes, Total mg/Kg

%Recovery Qualifier Limits Dil Fac Surrogate Prepared Analyzed 70 - 130 06/25/22 18:16 06/27/22 11:42 4-Bromofluorobenzene (Surr) 118 70 - 130 06/25/22 18:16 06/27/22 11:42 1,4-Difluorobenzene (Surr) 93

Method: Total BTEX - Total BTEX Calculation

Analyte Result Qualifier RL **MDL** Unit D Prepared Analyzed Dil Fac Total BTEX <0.00400 U 0.00400 mg/Kg 06/27/22 14:57

Method: 8015 NM - Diesel Range Organics (DRO) (GC) Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac **Total TPH** 50.0 06/27/22 10:30 96.4 mg/Kg

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

Dil Fac RL **MDL** Unit Prepared Analyzed 06/25/22 10:11 06/25/22 15:56 **Gasoline Range Organics** 96.4 50.0 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 50.0 mg/Kg 06/25/22 10:11 06/25/22 15:56 C10-C28) Oll Range Organics (Over C28-C36) <50.0 U 50.0 mg/Kg 06/25/22 10:11 06/25/22 15:56

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 1-Chlorooctane 107 70 - 130 06/25/22 10:11 06/25/22 15:56 106 70 - 130 06/25/22 10:11 06/25/22 15:56 o-Terphenyl

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac **Chloride** 36.9 4.99 mg/Kg 06/26/22 23:00

Client Sample ID: SW-18 (1.5')

Lab Sample ID: 880-16296-10 Date Collected: 06/24/22 00:00 **Matrix: Solid** Date Received: 06/24/22 15:31

Method: 8021B - Volatile Organic Compounds (GC)

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Welliou. 002 ID - Volatile O	rgariic Compo	ulius (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/25/22 18:16	06/27/22 12:02	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/25/22 18:16	06/27/22 12:02	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/25/22 18:16	06/27/22 12:02	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/25/22 18:16	06/27/22 12:02	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/25/22 18:16	06/27/22 12:02	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/25/22 18:16	06/27/22 12:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				06/25/22 18:16	06/27/22 12:02	1

06/25/22 18:16 06/27/22 12:02

70 - 130

Eurofins Midland

1,4-Difluorobenzene (Surr)

Project/Site: SRO State Com #45 (03.18.22/4.01.22)

Job ID: 880-16296-1 SDG: Eddy Co, NM

Client Sample ID: SW-18 (1.5')

Date Collected: 06/24/22 00:00 Date Received: 06/24/22 15:31

Lab Sample ID: 880-16296-10

Matrix: Solid

Method: Total I	BTEX - Total	BTEX Calculation
-----------------	--------------	------------------

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			06/27/22 14:57	1

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

	Analyte	Result	Qualifier	RL	MDL	Unit	I	D	Prepared	Analyzed	Dil Fac
ı	Total TPH	<49.9	U	49.9		mg/Kg				06/27/22 10:30	1

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

Analyte	Result	Qualifier	KL	MDL Unit	U	Prepared	Anaiyzed	DII Fac
Gasoline Range Organics	<49.9	U	49.9	mg/Kg		06/25/22 10:11	06/25/22 16:19	1
(GRO)-C6-C10								
Diesel Range Organics (Over	<49.9	U	49.9	mg/Kg		06/25/22 10:11	06/25/22 16:19	1
C10-C28)								
Oll Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/25/22 10:11	06/25/22 16:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analvzed	Dil Fac

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	06/25/22 10:11	06/25/22 16:19	1
o-Terphenyl	104		70 - 130	06/25/22 10:11	06/25/22 16:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.8	4.95	mg/Kg			06/26/22 14:14	1

Client Sample ID: CS-17 (2')

Date Collected: 06/24/22 00:00

Date Received: 06/24/22 15:31

Lab Sample ID: 880-16296-11

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/25/22 18:16	06/27/22 12:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/25/22 18:16	06/27/22 12:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/25/22 18:16	06/27/22 12:23	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/25/22 18:16	06/27/22 12:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/25/22 18:16	06/27/22 12:23	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/25/22 18:16	06/27/22 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

Surrogate	%Recovery	Qualifier	Limits	Prepared Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	06/25/22 18:16 06/27/22 12:23	1
1,4-Difluorobenzene (Surr)	94		70 - 130	06/25/22 18:16 06/27/22 12:23	1

Method: Total BTEX - Total BTEX Calculation

Released to Imaging: 9/28/2022 1:38:27 PM

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg		_	06/27/22 14:57	1

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

Analyte	Result	Qualifier	RL	MDL (Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.8	U	49.8	r	mg/Kg			06/27/22 10:30	1	

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.8	U	49.8		mg/Kg		06/25/22 10:11	06/25/22 16:41	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.8	U	49.8		mg/Kg		06/25/22 10:11	06/25/22 16:41	1
C10 C28)									

C10-C28)

Date Received: 06/24/22 15:31

Client: Carmona Resources

Project/Site: SRO State Com #45 (03.18.22/4.01.22)

SDG: Eddy Co, NM

Client Sample ID: CS-17 (2') Lab Sample ID: 880-16296-11 Date Collected: 06/24/22 00:00

Matrix: Solid

Job ID: 880-16296-1

Method: 8015B NM - Diesel Ra	inge Organics (DRO) (GC	;) (Continu	ued)
Analyte	Result Qualifier	RL	MDL Unit

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/25/22 10:11	06/25/22 16:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Surrogate 1-Chlorooctane	%Recovery 102	Qualifier	70 - 130				Prepared 06/25/22 10:11	Analyzed 06/25/22 16:41	Dil Fac

Method: 300.0 - Anions, Ion C	hromatography - Soluble	e					
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac

12.3 5.00 mg/Kg 06/26/22 14:41 **Chloride**

Client Sample ID: SW-22 (2.5') Lab Sample ID: 880-16296-12 Date Collected: 06/24/22 00:00 **Matrix: Solid**

Date Received: 06/24/22 15:31

Method: 8021B - Volatile Organic Compounds (GC)
Availate Descrit Occalificati	

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/25/22 18:16	06/27/22 12:43	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/25/22 18:16	06/27/22 12:43	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/25/22 18:16	06/27/22 12:43	1
m-Xylene & p-Xylene	0.00404		0.00398		mg/Kg		06/25/22 18:16	06/27/22 12:43	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/25/22 18:16	06/27/22 12:43	1
Xylenes, Total	0.00404		0.00398		mg/Kg		06/25/22 18:16	06/27/22 12:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

Surrogate	%Recovery	Qualifier	Limits	Prepared Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	$\overline{06/25/22} \ 18:16 \ \overline{06/27/22} \ 12:43$	1
1,4-Difluorobenzene (Surr)	95		70 - 130	06/25/22 18:16 06/27/22 12:43	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00404	0.00398	mg/Kg			06/27/22 14:57	1

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

Analyte	Result (Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9 l	U	49.9		mg/Kg			06/27/22 10:30	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		06/25/22 10:11	06/25/22 17:03	1
(GRO)-C6-C10 Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		06/25/22 10:11	06/25/22 17:03	1
C10-C28)	.0.0		.0.0		9/. 19		00/20/22 .0	00/20/2200	·
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/25/22 10:11	06/25/22 17:03	1

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100	70 - 130	06/25/22 10:11	06/25/22 17:03	1
o-Terphenyl	102	70 - 130	06/25/22 10:11	06/25/22 17:03	1

Method. 300.0 - Amons, fon Cr	iromatograpny - Soit	abie					
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.2	4.99	mg/Kg			06/26/22 14:51	1

Project/Site: SRO State Com #45 (03.18.22/4.01.22)

Job ID: 880-16296-1 SDG: Eddy Co, NM

Client Sample ID: SW-23 (2.5')

Date Collected: 06/24/22 00:00 Date Received: 06/24/22 15:31

Lab Sample ID: 880-16296-13

Matrix: Solid

Method: 8021B - Volatile Orga	anic Compo	unds (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/25/22 18:16	06/27/22 13:04	1
Toluene	< 0.00201	U	0.00201		mg/Kg		06/25/22 18:16	06/27/22 13:04	1
Ethylbenzene	< 0.00201	U	0.00201		mg/Kg		06/25/22 18:16	06/27/22 13:04	1
m-Xylene & p-Xylene	< 0.00402	U	0.00402		mg/Kg		06/25/22 18:16	06/27/22 13:04	1
o-Xylene	< 0.00201	U	0.00201		mg/Kg		06/25/22 18:16	06/27/22 13:04	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/25/22 18:16	06/27/22 13:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				06/25/22 18:16	06/27/22 13:04	1
1,4-Difluorobenzene (Surr)	93		70 - 130				06/25/22 18:16	06/27/22 13:04	1
Method: Total BTEX - Total B	TEX Calcula	tion							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/27/22 14:57	1
Method: 8015 NM - Diesel Rai	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			06/27/22 10:30	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	<50.0	U	50.0		mg/Kg		06/25/22 10:11	06/25/22 17:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/25/22 10:11	06/25/22 17:25	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/25/22 10:11	06/25/22 17:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				06/25/22 10:11	06/25/22 17:25	1

Lab Sample ID: 880-16296-14 Client Sample ID: SW-24 (0.5') Date Collected: 06/24/22 00:00 **Matrix: Solid**

RL

5.01

MDL Unit

mg/Kg

Prepared

Analyzed

06/26/22 15:00

Date Received: 06/24/22 15:31

Analyte

Chloride

Method: 300.0 - Anions, Ion Chromatography - Soluble

Result Qualifier

12.7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/25/22 18:16	06/27/22 13:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/25/22 18:16	06/27/22 13:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/25/22 18:16	06/27/22 13:24	1
m-Xylene & p-Xylene	0.00514		0.00401		mg/Kg		06/25/22 18:16	06/27/22 13:24	1
o-Xylene	0.00251		0.00200		mg/Kg		06/25/22 18:16	06/27/22 13:24	1
Xylenes, Total	0.00765		0.00401		mg/Kg		06/25/22 18:16	06/27/22 13:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130				06/25/22 18:16	06/27/22 13:24	1
1,4-Difluorobenzene (Surr)	98		70 - 130				06/25/22 18:16	06/27/22 13:24	1

Client Sample Results

Client: Carmona Resources

Analyte

Chloride

Job ID: 880-16296-1 Project/Site: SRO State Com #45 (03.18.22/4.01.22) SDG: Eddy Co, NM

Lab Sample ID: 880-16296-14

Client Sample ID: SW-24 (0.5') Date Collected: 06/24/22 00:00

Matrix: Solid

Date Received: 06/24/22 15:31

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00765		0.00401		mg/Kg			06/27/22 14:57	1
- Method: 8015 NM - Diesel Rar	nge Organic	s (DRO) (0	SC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			06/27/22 10:30	
Method: 8015B NM - Diesel R	ange Organi	ics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.8	U	49.8		mg/Kg		06/25/22 10:11	06/25/22 17:48	
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.8	U	49.8		mg/Kg		06/25/22 10:11	06/25/22 17:48	
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/25/22 10:11	06/25/22 17:48	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	102		70 - 130				06/25/22 10:11	06/25/22 17:48	
o-Terphenyl	104		70 - 130				06/25/22 10:11	06/25/22 17:48	

RL

4.97

MDL Unit

mg/Kg

Prepared

Analyzed

06/26/22 15:09

Result Qualifier

12.4

Surrogate Summary

Job ID: 880-16296-1 Client: Carmona Resources Project/Site: SRO State Com #45 (03.18.22/4.01.22) SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

		DED4		t Surrogate Recovery (Acce
l ah Cammia ID	Client Comple ID	BFB1 (70.130)	DFBZ1 (70.130)	
Lab Sample ID 880-16241-A-1-C MS	Client Sample ID Matrix Spike	<u>(70-130)</u>	(70-130) 100	
880-16241-A-1-D MSD	Matrix Spike Duplicate	110	99	
880-16296-1	CS-13 (2.5')	121	91	
880-16296-2		118	89	
880-16296-3	CS-14 (2.5') SW-4 (2')	120	91	
880-16296-4	SW-5 (3')	120	90	
880-16296-5	SW-9 (0.5')	121	92	
880-16296-6	SW-12 (2.5')	116	89	
880-16296-7	SW-13 (0.5')	113	95	
880-16296-7 MS	SW-13 (0.5')	111	98	
880-16296-7 MSD	SW-13 (0.5')	116	100	
880-16296-8	SW-14 (2')	117	94	
880-16296-9	SW-16 (2')	118	93	
880-16296-10	SW-18 (1.5')	122	94	
880-16296-11	CS-17 (2')	115	94	
880-16296-12	SW-22 (2.5')	114	95	
880-16296-13	SW-23 (2.5')	113	93	
880-16296-14	SW-24 (0.5')	124	98	
LCS 880-28363/1-A	Lab Control Sample	110	98	
LCS 880-28399/1-A	Lab Control Sample	111	98	
LCSD 880-28363/2-A	Lab Control Sample Dup	107	100	
LCSD 880-28399/2-A	Lab Control Sample Dup	111	98	
MB 880-28363/5-A	Method Blank	101	89	
MB 880-28399/5-A	Method Blank	105	89	
Surrogate Legend	Method Blank	103	03	

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid Prep Type: Total/NA

			Percent Suri	ogate Recovery (Acceptance Limits)
		1001	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-16296-1	CS-13 (2.5')	113	123	
880-16296-1 MS	CS-13 (2.5')	134 S1+	130	
880-16296-1 MSD	CS-13 (2.5')	149 S1+	143 S1+	
880-16296-2	CS-14 (2.5')	117	125	
880-16296-3	SW-4 (2')	115	123	
880-16296-4	SW-5 (3')	114	125	
880-16296-5	SW-9 (0.5')	120	131 S1+	
880-16296-6	SW-12 (2.5')	120	127	
880-16296-7	SW-13 (0.5')	117	124	
880-16296-8	SW-14 (2')	139 S1+	123	
880-16296-9	SW-16 (2')	107	106	
880-16296-10	SW-18 (1.5')	104	104	
880-16296-11	CS-17 (2')	102	99	
880-16296-12	SW-22 (2.5')	100	102	
880-16296-13	SW-23 (2.5')	99	95	

Surrogate Summary

Job ID: 880-16296-1 Client: Carmona Resources Project/Site: SRO State Com #45 (03.18.22/4.01.22) SDG: Eddy Co, NM

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

Matrix: Solid Prep Type: Total/NA

			Percent	t Surrogate Recovery (Acceptance Limits)
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
380-16296-14	SW-24 (0.5')	102	104	
380-16321-A-2-C MS	Matrix Spike	128	103	
380-16321-A-2-D MSD	Matrix Spike Duplicate	127	102	
_CS 880-28379/2-A	Lab Control Sample	99	108	
_CS 880-28577/2-A	Lab Control Sample	122	105	
_CSD 880-28379/3-A	Lab Control Sample Dup	107	119	
_CSD 880-28577/3-A	Lab Control Sample Dup	131 S1+	112	
MB 880-28379/1-A	Method Blank	136 S1+	148 S1+	
MB 880-28577/1-A	Method Blank	128	116	
Surrogate Legend				

OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources Job ID: 880-16296-1 Project/Site: SRO State Com #45 (03.18.22/4.01.22) SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-28363/5-A

Matrix: Solid

Analysis Batch: 28398

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 28363

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/24/22 15:16	06/25/22 21:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/24/22 15:16	06/25/22 21:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/24/22 15:16	06/25/22 21:19	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/24/22 15:16	06/25/22 21:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/24/22 15:16	06/25/22 21:19	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/24/22 15:16	06/25/22 21:19	1

MB MB

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101	70 - 130	06/24/22 15:16	06/25/22 21:19	1
1,4-Difluorobenzene (Surr)	89	70 - 130	06/24/22 15:16	06/25/22 21:19	1

Lab Sample ID: LCS 880-28363/1-A

Matrix: Solid

Analysis Batch: 28398

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 28363

	Spike	LCS LCS			%Rec	
Analyte	Added	Result Qualifie	r Unit	D %Rec	Limits	
Benzene	0.100	0.1136	mg/Kg	114	70 - 130	
Toluene	0.100	0.1103	mg/Kg	110	70 - 130	
Ethylbenzene	0.100	0.1153	mg/Kg	115	70 - 130	
m-Xylene & p-Xylene	0.200	0.2346	mg/Kg	117	70 - 130	
o-Xylene	0.100	0.1196	mg/Kg	120	70 - 130	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: LCSD 880-28363/2-A

Matrix: Solid

Analysis Batch: 28398

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

Prep Batch: 28363

	Spike	LCSD	LCSD				%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.1099		mg/Kg		110	70 - 130	3	35	
Toluene	0.100	0.1041		mg/Kg		104	70 - 130	6	35	
Ethylbenzene	0.100	0.1082		mg/Kg		108	70 - 130	6	35	
m-Xylene & p-Xylene	0.200	0.2204		mg/Kg		110	70 - 130	6	35	
o-Xylene	0.100	0.1110		mg/Kg		111	70 - 130	7	35	

LCSD LCSD

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	107	70 - 130
1,4-Difluorobenzene (Surr)	100	70 - 130

Lab Sample ID: 880-16241-A-1-C MS

Matrix: Solid

Analysis Batch: 28398

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

Prep Batch: 28363

_	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00201	U	0.100	0.1028		mg/Kg		103	70 - 130	
Toluene	<0.00201	U	0.100	0.09858		mg/Kg		98	70 - 130	

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QC Sample Results

Client: Carmona Resources Job ID: 880-16296-1 Project/Site: SRO State Com #45 (03.18.22/4.01.22) SDG: Eddy Co, NM

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

Lab Sample ID: 880-16241-A-1-C MS

Lab Sample ID: 880-16241-A-1-D MSD

Matrix: Solid

Analysis Batch: 28398

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 28363

MS MS %Rec Sample Sample Spike Analyte **Result Qualifier** Added Result Qualifier Unit %Rec Limits Ethylbenzene <0.00201 U 0.100 0.1012 mg/Kg 101 70 - 130 m-Xylene & p-Xylene <0.00402 U 0.200 0.2077 mg/Kg 104 70 - 130 o-Xylene <0.00201 U 0.100 0.1035 103 70 - 130 mg/Kg

MS MS

Surrogate	%Recovery Qualifi	ier Limits
4-Bromofluorobenzene (Surr)	111	70 - 130
1,4-Difluorobenzene (Surr)	100	70 - 130

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 28363

Matrix: Solid

Analysis Batch: 28398

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	<0.00201	U	0.0996	0.1015		mg/Kg		102	70 - 130	1	35	
Toluene	<0.00201	U	0.0996	0.09871		mg/Kg		99	70 - 130	0	35	
Ethylbenzene	<0.00201	U	0.0996	0.1014		mg/Kg		102	70 - 130	0	35	
m-Xylene & p-Xylene	<0.00402	U	0.199	0.2067		mg/Kg		104	70 - 130	0	35	
o-Xylene	< 0.00201	U	0.0996	0.1030		mg/Kg		103	70 - 130	0	35	

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-28399/5-A

Matrix: Solid

Analysis Batch: 28415

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

Prep Batch: 28399

•	MB	MB				•	
Analyte	Result	Qualifier	RL	MDL Unit	D Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg	06/25/22 18:16	06/27/22 10:39	1
Toluene	<0.00200	U	0.00200	mg/Kg	06/25/22 18:16	06/27/22 10:39	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg	06/25/22 18:16	06/27/22 10:39	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg	06/25/22 18:16	06/27/22 10:39	1
o-Xylene	<0.00200	U	0.00200	mg/Kg	06/25/22 18:16	06/27/22 10:39	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg	06/25/22 18:16	06/27/22 10:39	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	06/25/22 18:16 06/27/22 10:3	7
1,4-Difluorobenzene (Surr)	89		70 - 130	06/25/22 18:16 06/27/22 10:3) 1

Lab Sample ID: LCS 880-28399/1-A

Matrix: Solid

Analyte

Analysis Batch: 28415

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 28399

LCS LCS Spike %Rec Added Result Qualifier Unit %Rec Limits 0.100 0.09940 99 70 - 130 mg/Kg 0.100 0.09941 mg/Kg 99 70 - 130

Benzene Toluene mg/Kg Ethylbenzene 0.100 0.1040 104 70 - 130 m-Xylene & p-Xylene 0.200 0.2139 107 70 - 130 mg/Kg

Project/Site: SRO State Com #45 (03.18.22/4.01.22)

Job ID: 880-16296-1

SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-28399/1-A

Matrix: Solid

Analysis Batch: 28415

Client Sample ID: Lab Control Sample

Prep Type: Total/NA Prep Batch: 28399

LCS LCS Spike %Rec Analyte Added Result Qualifier Unit %Rec Limits o-Xylene 0 100 0.1062 mg/Kg 106 70 - 130

LCS LCS Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 111 70 - 130 1,4-Difluorobenzene (Surr) 98 70 - 130

Lab Sample ID: LCSD 880-28399/2-A

Matrix: Solid

Analysis Batch: 28415

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

LCSD LCSD Spike %Rec **RPD** Added Result Qualifier Unit Limits RPD Limit Analyte D %Rec Benzene 0.100 0.1047 mg/Kg 105 70 - 130 5 35 Toluene 0.100 0.1036 mg/Kg 104 70 - 130 35 Ethylbenzene 0.100 0.1083 mg/Kg 108 70 - 130 35 m-Xylene & p-Xylene 0.200 0.2224 111 70 - 130 35 mg/Kg o-Xylene 0.100 0.1101 mg/Kg 110 70 - 130 35

Prep Batch: 28399

LCSD LCSD

Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 111 70 - 130 1,4-Difluorobenzene (Surr) 98 70 - 130

Client Sample ID: SW-13 (0.5')

Prep Type: Total/NA Prep Batch: 28399

Lab Sample ID: 880-16296-7 MS **Matrix: Solid**

Lab Sample ID: 880-16296-7 MSD

Matrix: Solid

Analysis Batch: 28415

, , , , , , , , , , , , , , , , , , , ,	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	•	Qualifier	Added	_	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00198	U	0.101	0.09366	-	mg/Kg		93	70 - 130	
Toluene	<0.00198	U	0.101	0.08808		mg/Kg		87	70 - 130	
Ethylbenzene	<0.00198	U	0.101	0.09013		mg/Kg		90	70 - 130	
m-Xylene & p-Xylene	< 0.00396	U	0.201	0.1837		mg/Kg		90	70 - 130	
o-Xylene	<0.00198	U	0.101	0.09260		mg/Kg		91	70 - 130	

MS MS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Client Sample ID: SW-13 (0.5')

Prep Type: Total/NA

Analysis Batch: 28415									Prep E	atch: 2	28399
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00198	U	0.100	0.08902		mg/Kg		89	70 - 130	5	35
Toluene	<0.00198	U	0.100	0.08284		mg/Kg		82	70 - 130	6	35
Ethylbenzene	<0.00198	U	0.100	0.08637		mg/Kg		86	70 - 130	4	35
m-Xylene & p-Xylene	< 0.00396	U	0.200	0.1768		mg/Kg		87	70 - 130	4	35
o-Xylene	<0.00198	U	0.100	0.08971		mg/Kg		88	70 - 130	3	35

Client: Carmona Resources Job ID: 880-16296-1 Project/Site: SRO State Com #45 (03.18.22/4.01.22)

SDG: Eddy Co, NM

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

Lab Sample ID: 880-16296-7 MSD

Matrix: Solid

Analysis Batch: 28415

Client Sample ID: SW-13 (0.5')

Prep Type: Total/NA

Prep Batch: 28399

MSD MSD

%Recovery Qualifier Limits Surrogate 4-Bromofluorobenzene (Surr) 116 70 - 130 1,4-Difluorobenzene (Surr) 100 70 - 130

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

Lab Sample ID: MB 880-28379/1-A

Matrix: Solid

Analysis Batch: 28375

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 28379

MB MB

Result Qualifier **MDL** Unit Analyte RL Prepared Analyzed Dil Fac Gasoline Range Organics 06/25/22 10:11 06/26/22 00:16 <50.0 U 50.0 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 50.0 mg/Kg 06/25/22 10:11 06/26/22 00:16 C10-C28) mg/Kg Oll Range Organics (Over C28-C36) <50.0 U 50.0 06/25/22 10:11 06/26/22 00:16

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	136	S1+	70 - 130	06/25/22 10:11	06/26/22 00:16	1
o-Terphenyl	148	S1+	70 - 130	06/25/22 10:11	06/26/22 00:16	1

Lab Sample ID: LCS 880-28379/2-A

Matrix: Solid

Analysis Batch: 28375

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

Prep Batch: 28379

%Rec Limits

D %Rec Added Result Qualifier Analyte Unit Gasoline Range Organics 1000 819.4 mg/Kg 82 70 - 130 (GRO)-C6-C10 1000 Diesel Range Organics (Over 987.1 mg/Kg 99 70 - 130 C10-C28)

LCS LCS

Spike

LCS LCS overy Ouglifier

Surrogate	∕∞Recovery	Qualifier	LIIIIII
1-Chlorooctane	99		70 - 130
o-Terphenyl	108		70 - 130

Lab Sample ID: LCSD 880-28379/3-A

Matrix: Solid

Analysis Batch: 28375

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 28379

Spike LCSD LCSD %Rec **RPD** Analyte Added Result Qualifier Unit %Rec Limits **RPD** Limit Gasoline Range Organics 1000 853.0 mg/Kg 85 70 - 130 20 (GRO)-C6-C10 Diesel Range Organics (Over 1000 1039 mg/Kg 104 70 - 130 20

C10-C28)

LCSD LCSD

Surrogate	%Recovery Quali	ifier Limits
1-Chlorooctane	107	70 - 130
o-Terphenyl	119	70 - 130

Client: Carmona Resources Job ID: 880-16296-1 Project/Site: SRO State Com #45 (03.18.22/4.01.22) SDG: Eddy Co, NM

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

Lab Sample ID: 880-16296-1 MS

Matrix: Solid

Analysis Batch: 28375

Client Sample ID: CS-13 (2.5')

Prep Type: Total/NA Prep Batch: 28379

Sample Sample Spike MS MS %Rec Result Qualifier Added Result Qualifier D %Rec Limits Analyte Unit <49.9 U Gasoline Range Organics 996 1243 mg/Kg 122 70 - 130 (GRO)-C6-C10 Diesel Range Organics (Over <49.9 UF1 996 1223 70 - 130 mg/Kg 121

C10-C28)

MS MS

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	134	S1+	70 - 130
o-Terphenyl	130		70 - 130

Lab Sample ID: 880-16296-1 MSD Client Sample ID: CS-13 (2.5') Prep Type: Total/NA

Matrix: Solid

Analysis Batch: 28375

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	<49.9	U	996	1089		mg/Kg		107	70 - 130	13	20
(GRO)-C6-C10 Diesel Range Organics (Over	<49.9	U F1	996	1401	F1	mg/Kg		139	70 - 130	14	20
C10-C28)											

MSD MSD %Recovery Qualifier Surrogate Limits 1-Chlorooctane 149 S1+ 70 - 130 o-Terphenyl 143 S1+ 70 - 130

Lab Sample ID: MB 880-28577/1-A

Matrix: Solid

Analysis Batch: 28522

Client Samp	ole	ID:	Method	Blank
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Prep Type: Total/NA Prep Batch: 28577

Prep Batch: 28379

MB MB Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Gasoline Range Organics <50.0 U 50.0 06/28/22 16:43 06/28/22 22:59 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 50.0 mg/Kg 06/28/22 16:43 06/28/22 22:59 C10-C28) Oll Range Organics (Over C28-C36) <50.0 U 50.0 mg/Kg 06/28/22 16:43 06/28/22 22:59

MR MR

	IVIB	IVIB				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	128		70 - 130	06/28/22 16:43	06/28/22 22:59	1
o-Terphenyl	116		70 - 130	06/28/22 16:43	06/28/22 22:59	1

C10-C28)

Lab Sample ID: LCS 880-28577/2-A	.ab Sample ID: LCS 880-28577/2-A				Client Sample ID: Lab Control Sample			
Matrix: Solid							Prep Type: Total/NA	
Analysis Batch: 28522							Prep Batch: 28577	
-	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	1006		mg/Kg		101	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	1017		mg/Kg		102	70 - 130	

Client: Carmona Resources Job ID: 880-16296-1 Project/Site: SRO State Com #45 (03.18.22/4.01.22)

SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-28577/2-A **Matrix: Solid**

Lab Sample ID: LCSD 880-28577/3-A

Lab Sample ID: 880-16321-A-2-C MS

Lab Sample ID: 880-16321-A-2-D MSD

Analysis Batch: 28522

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

Prep Batch: 28577

LCS LCS %Recovery Qualifier Limits Surrogate 1-Chlorooctane 122 70 - 130 o-Terphenyl 105 70 - 130

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 28577

Analysis Batch: 28522 LCSD LCSD RPD %Rec Spike Analyte Added Result Qualifier Unit %Rec Limits RPD Limit Gasoline Range Organics 1000 1091 mg/Kg 109 70 - 130 8 20 (GRO)-C6-C10 Diesel Range Organics (Over 1000 1083 mg/Kg 108 70 - 130 6 20

C10-C28)

Matrix: Solid

LCSD LCSD Surrogate %Recovery Qualifier Limits 1-Chlorooctane 131 S1+ 70 - 130 70 - 130 o-Terphenyl 112

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 28577

Sample Sample Spike MS MS %Rec Result Qualifier Added Result Qualifier Limits Analyte Unit D %Rec <49.9 UF1 1642 F1 Gasoline Range Organics 996 mg/Kg 165 70 - 130 (GRO)-C6-C10 996 Diesel Range Organics (Over <49.9 U 1290 mg/Kg 129 70 - 130 C10-C28)

Matrix: Solid

Analysis Batch: 28522

MS MS Surrogate %Recovery Qualifier Limits 1-Chlorooctane 128 70 - 130 o-Terphenyl 103 70 - 130

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Matrix: Solid Analysis Batch: 28522 Prep Batch: 28577 MSD MSD

Sample Sample Spike %Rec **RPD** Result Qualifier Added Result Qualifier Limits **RPD** Limit **Analyte** Unit %Rec Gasoline Range Organics <49.9 U F1 996 1625 F1 163 70 - 130 20 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <49.9 U 996 1283 mg/Kg 129 70 - 130 20

C10-C28)

MSD MSD Qualifier Limits Surrogate %Recovery 1-Chlorooctane 127 70 - 130 o-Terphenyl 102 70 - 130

Client: Carmona Resources Job ID: 880-16296-1 Project/Site: SRO State Com #45 (03.18.22/4.01.22)

SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-28388/1-A

Client Sample ID: Method Blank **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 28396

MB MB

Result Qualifier RL **MDL** Unit Analyzed Dil Fac Analyte D Prepared 5.00 06/26/22 13:37 Chloride <5.00 U mg/Kg

Lab Sample ID: LCS 880-28388/2-A **Client Sample ID: Lab Control Sample Matrix: Solid Prep Type: Soluble**

Analysis Batch: 28396

Spike LCS LCS %Rec Added Result Qualifier Unit D %Rec Limits Analyte 250 90 - 110 Chloride 257.2 mg/Kg 103

Lab Sample ID: LCSD 880-28388/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 28396

Spike LCSD LCSD %Rec **RPD** Added Result Qualifier Limits **RPD** Analyte Unit %Rec Limit Chloride 250 258.3 103 90 - 110 20 mg/Kg

Lab Sample ID: 880-16296-10 MS Client Sample ID: SW-18 (1.5') **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 28396

Spike MS MS %Rec Sample Sample Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits 283.9 Chloride 13.8 248 mg/Kg 109 90 - 110

Lab Sample ID: 880-16296-10 MSD Client Sample ID: SW-18 (1.5') **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 28396

MSD MSD RPD Sample Sample Spike %Rec Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits **RPD** Limit Chloride 248 284.6 109 13.8 mg/Kg 90 - 110

Lab Sample ID: MB 880-28389/1-A Client Sample ID: Method Blank **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 28397

MB MB Result Qualifier **MDL** Unit Analyte RL Dil Fac Prepared Analyzed 5.00 06/26/22 18:23 Chloride <5.00 U mg/Kg

Lab Sample ID: LCS 880-28389/2-A Client Sample ID: Lab Control Sample **Prep Type: Soluble**

Matrix: Solid Analysis Batch: 28397

Spike LCS LCS %Rec Added Result Qualifier Limits Analyte Unit %Rec 250 Chloride 260.4 mg/Kg 104 90 - 110

Lab Sample ID: LCSD 880-28389/3-A Client Sample ID: Lab Control Sample Dup **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 28397

Released to Imaging: 9/28/2022 1:38:27 PM

Spike LCSD LCSD %Rec **RPD** Added **RPD** Analyte Result Qualifier Unit D %Rec Limits Limit Chloride 250 263.3 mg/Kg 105 90 - 110 20

QC Sample Results

Client: Carmona Resources Job ID: 880-16296-1 Project/Site: SRO State Com #45 (03.18.22/4.01.22)

SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-16264-A-12-C MS **Client Sample ID: Matrix Spike**

Matrix: Solid

Analysis Batch: 28397

%Rec Sample Sample Spike MS MS Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits Chloride 248 59.9 319.5 mg/Kg 105 90 - 110

Lab Sample ID: 880-16264-A-12-D MSD Client Sample ID: Matrix Spike Duplicate **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 28397

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	59.9		248	319.4		mg/Kg		105	90 - 110	0	20

Prep Type: Soluble

QC Association Summary

Client: Carmona Resources

Project/Site: SRO State Com #45 (03.18.22/4.01.22)

Job ID: 880-16296-1 SDG: Eddy Co, NM

GC VOA

Prep Batch: 28363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16296-1	CS-13 (2.5')	Total/NA	Solid	5035	
880-16296-2	CS-14 (2.5')	Total/NA	Solid	5035	
880-16296-3	SW-4 (2')	Total/NA	Solid	5035	
880-16296-4	SW-5 (3')	Total/NA	Solid	5035	
880-16296-5	SW-9 (0.5')	Total/NA	Solid	5035	
880-16296-6	SW-12 (2.5')	Total/NA	Solid	5035	
MB 880-28363/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-28363/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-28363/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-16241-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
880-16241-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 28398

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16296-1	CS-13 (2.5')	Total/NA	Solid	8021B	28363
880-16296-2	CS-14 (2.5')	Total/NA	Solid	8021B	28363
880-16296-3	SW-4 (2')	Total/NA	Solid	8021B	28363
880-16296-4	SW-5 (3')	Total/NA	Solid	8021B	28363
880-16296-5	SW-9 (0.5')	Total/NA	Solid	8021B	28363
880-16296-6	SW-12 (2.5')	Total/NA	Solid	8021B	28363
MB 880-28363/5-A	Method Blank	Total/NA	Solid	8021B	28363
LCS 880-28363/1-A	Lab Control Sample	Total/NA	Solid	8021B	28363
LCSD 880-28363/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	28363
880-16241-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	28363
880-16241-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	28363

Prep Batch: 28399

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16296-7	SW-13 (0.5')	Total/NA	Solid	5035	<u> </u>
880-16296-8	SW-14 (2')	Total/NA	Solid	5035	
880-16296-9	SW-16 (2')	Total/NA	Solid	5035	
880-16296-10	SW-18 (1.5')	Total/NA	Solid	5035	
880-16296-11	CS-17 (2')	Total/NA	Solid	5035	
880-16296-12	SW-22 (2.5')	Total/NA	Solid	5035	
880-16296-13	SW-23 (2.5')	Total/NA	Solid	5035	
880-16296-14	SW-24 (0.5')	Total/NA	Solid	5035	
MB 880-28399/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-28399/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-28399/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-16296-7 MS	SW-13 (0.5')	Total/NA	Solid	5035	
880-16296-7 MSD	SW-13 (0.5')	Total/NA	Solid	5035	

Analysis Batch: 28415

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16296-7	SW-13 (0.5')	Total/NA	Solid	8021B	28399
880-16296-8	SW-14 (2')	Total/NA	Solid	8021B	28399
880-16296-9	SW-16 (2')	Total/NA	Solid	8021B	28399
880-16296-10	SW-18 (1.5')	Total/NA	Solid	8021B	28399
880-16296-11	CS-17 (2')	Total/NA	Solid	8021B	28399
880-16296-12	SW-22 (2.5')	Total/NA	Solid	8021B	28399
880-16296-13	SW-23 (2.5')	Total/NA	Solid	8021B	28399

QC Association Summary

Client: Carmona Resources

Job ID: 880-16296-1 Project/Site: SRO State Com #45 (03.18.22/4.01.22) SDG: Eddy Co, NM

GC VOA (Continued)

Analysis Batch: 28415 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16296-14	SW-24 (0.5')	Total/NA	Solid	8021B	28399
MB 880-28399/5-A	Method Blank	Total/NA	Solid	8021B	28399
LCS 880-28399/1-A	Lab Control Sample	Total/NA	Solid	8021B	28399
LCSD 880-28399/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	28399
880-16296-7 MS	SW-13 (0.5')	Total/NA	Solid	8021B	28399
880-16296-7 MSD	SW-13 (0.5')	Total/NA	Solid	8021B	28399

Analysis Batch: 28480

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16296-1	CS-13 (2.5')	Total/NA	Solid	Total BTEX	-
880-16296-2	CS-14 (2.5')	Total/NA	Solid	Total BTEX	
880-16296-3	SW-4 (2')	Total/NA	Solid	Total BTEX	
880-16296-4	SW-5 (3')	Total/NA	Solid	Total BTEX	
880-16296-5	SW-9 (0.5')	Total/NA	Solid	Total BTEX	
880-16296-6	SW-12 (2.5')	Total/NA	Solid	Total BTEX	
880-16296-7	SW-13 (0.5')	Total/NA	Solid	Total BTEX	
880-16296-8	SW-14 (2')	Total/NA	Solid	Total BTEX	
880-16296-9	SW-16 (2')	Total/NA	Solid	Total BTEX	
880-16296-10	SW-18 (1.5')	Total/NA	Solid	Total BTEX	
880-16296-11	CS-17 (2')	Total/NA	Solid	Total BTEX	
880-16296-12	SW-22 (2.5')	Total/NA	Solid	Total BTEX	
880-16296-13	SW-23 (2.5')	Total/NA	Solid	Total BTEX	
880-16296-14	SW-24 (0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 28375

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16296-1	CS-13 (2.5')	Total/NA	Solid	8015B NM	28379
880-16296-2	CS-14 (2.5')	Total/NA	Solid	8015B NM	28379
880-16296-3	SW-4 (2')	Total/NA	Solid	8015B NM	28379
880-16296-4	SW-5 (3')	Total/NA	Solid	8015B NM	28379
880-16296-5	SW-9 (0.5')	Total/NA	Solid	8015B NM	28379
880-16296-6	SW-12 (2.5')	Total/NA	Solid	8015B NM	28379
880-16296-7	SW-13 (0.5')	Total/NA	Solid	8015B NM	28379
MB 880-28379/1-A	Method Blank	Total/NA	Solid	8015B NM	28379
LCS 880-28379/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	28379
LCSD 880-28379/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	28379
880-16296-1 MS	CS-13 (2.5')	Total/NA	Solid	8015B NM	28379
880-16296-1 MSD	CS-13 (2.5')	Total/NA	Solid	8015B NM	28379

Analysis Batch: 28377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16296-9	SW-16 (2')	Total/NA	Solid	8015B NM	28379
880-16296-10	SW-18 (1.5')	Total/NA	Solid	8015B NM	28379
880-16296-11	CS-17 (2')	Total/NA	Solid	8015B NM	28379
880-16296-12	SW-22 (2.5')	Total/NA	Solid	8015B NM	28379
880-16296-13	SW-23 (2.5')	Total/NA	Solid	8015B NM	28379
880-16296-14	SW-24 (0.5')	Total/NA	Solid	8015B NM	28379

QC Association Summary

Client: Carmona Resources

Project/Site: SRO State Com #45 (03.18.22/4.01.22)

Job ID: 880-16296-1

SDG: Eddy Co, NM

GC Semi VOA

Prep Batch: 28379

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16296-1	CS-13 (2.5')	Total/NA	Solid	8015NM Prep	
880-16296-2	CS-14 (2.5')	Total/NA	Solid	8015NM Prep	
880-16296-3	SW-4 (2')	Total/NA	Solid	8015NM Prep	
880-16296-4	SW-5 (3')	Total/NA	Solid	8015NM Prep	
880-16296-5	SW-9 (0.5')	Total/NA	Solid	8015NM Prep	
880-16296-6	SW-12 (2.5')	Total/NA	Solid	8015NM Prep	
880-16296-7	SW-13 (0.5')	Total/NA	Solid	8015NM Prep	
880-16296-9	SW-16 (2')	Total/NA	Solid	8015NM Prep	
880-16296-10	SW-18 (1.5')	Total/NA	Solid	8015NM Prep	
880-16296-11	CS-17 (2')	Total/NA	Solid	8015NM Prep	
880-16296-12	SW-22 (2.5')	Total/NA	Solid	8015NM Prep	
880-16296-13	SW-23 (2.5')	Total/NA	Solid	8015NM Prep	
880-16296-14	SW-24 (0.5')	Total/NA	Solid	8015NM Prep	
MB 880-28379/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-28379/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-28379/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-16296-1 MS	CS-13 (2.5')	Total/NA	Solid	8015NM Prep	
880-16296-1 MSD	CS-13 (2.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 28445

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16296-1	CS-13 (2.5')	Total/NA	Solid	8015 NM	
880-16296-2	CS-14 (2.5')	Total/NA	Solid	8015 NM	
880-16296-3	SW-4 (2')	Total/NA	Solid	8015 NM	
880-16296-4	SW-5 (3')	Total/NA	Solid	8015 NM	
880-16296-5	SW-9 (0.5')	Total/NA	Solid	8015 NM	
880-16296-6	SW-12 (2.5')	Total/NA	Solid	8015 NM	
880-16296-7	SW-13 (0.5')	Total/NA	Solid	8015 NM	
880-16296-8	SW-14 (2')	Total/NA	Solid	8015 NM	
880-16296-9	SW-16 (2')	Total/NA	Solid	8015 NM	
880-16296-10	SW-18 (1.5')	Total/NA	Solid	8015 NM	
880-16296-11	CS-17 (2')	Total/NA	Solid	8015 NM	
880-16296-12	SW-22 (2.5')	Total/NA	Solid	8015 NM	
880-16296-13	SW-23 (2.5')	Total/NA	Solid	8015 NM	
880-16296-14	SW-24 (0.5')	Total/NA	Solid	8015 NM	

Analysis Batch: 28522

Lab Sample ID 880-16296-8	Client Sample ID SW-14 (2')	Prep Type Total/NA	Matrix Solid	Method 8015B NM	Prep Batch 28577
MB 880-28577/1-A	Method Blank	Total/NA	Solid	8015B NM	28577
LCS 880-28577/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	28577
LCSD 880-28577/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	28577
880-16321-A-2-C MS	Matrix Spike	Total/NA	Solid	8015B NM	28577
880-16321-A-2-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	28577

Prep Batch: 28577

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16296-8	SW-14 (2')	Total/NA	Solid	8015NM Prep	
MB 880-28577/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-28577/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-28577/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources

Project/Site: SRO State Com #45 (03.18.22/4.01.22)

Job ID: 880-16296-1 SDG: Eddy Co, NM

GC Semi VOA (Continued)

Prep Batch: 28577 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16321-A-2-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-16321-A-2-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

HPLC/IC

Leach Batch: 28388

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16296-10	SW-18 (1.5')	Soluble	Solid	DI Leach	
880-16296-11	CS-17 (2')	Soluble	Solid	DI Leach	
880-16296-12	SW-22 (2.5')	Soluble	Solid	DI Leach	
880-16296-13	SW-23 (2.5')	Soluble	Solid	DI Leach	
880-16296-14	SW-24 (0.5')	Soluble	Solid	DI Leach	
MB 880-28388/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-28388/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-28388/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-16296-10 MS	SW-18 (1.5')	Soluble	Solid	DI Leach	
880-16296-10 MSD	SW-18 (1.5')	Soluble	Solid	DI Leach	

Leach Batch: 28389

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16296-1	CS-13 (2.5')	Soluble	Solid	DI Leach	
880-16296-2	CS-14 (2.5')	Soluble	Solid	DI Leach	
880-16296-3	SW-4 (2')	Soluble	Solid	DI Leach	
880-16296-4	SW-5 (3')	Soluble	Solid	DI Leach	
880-16296-5	SW-9 (0.5')	Soluble	Solid	DI Leach	
880-16296-6	SW-12 (2.5')	Soluble	Solid	DI Leach	
880-16296-7	SW-13 (0.5')	Soluble	Solid	DI Leach	
880-16296-8	SW-14 (2')	Soluble	Solid	DI Leach	
880-16296-9	SW-16 (2')	Soluble	Solid	DI Leach	
MB 880-28389/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-28389/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-28389/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-16264-A-12-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-16264-A-12-D MSD	Matrix Spike Duplicate	Soluble	Solid	DLI each	

Analysis Batch: 28396

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16296-10	SW-18 (1.5')	Soluble	Solid	300.0	28388
880-16296-11	CS-17 (2')	Soluble	Solid	300.0	28388
880-16296-12	SW-22 (2.5')	Soluble	Solid	300.0	28388
880-16296-13	SW-23 (2.5')	Soluble	Solid	300.0	28388
880-16296-14	SW-24 (0.5')	Soluble	Solid	300.0	28388
MB 880-28388/1-A	Method Blank	Soluble	Solid	300.0	28388
LCS 880-28388/2-A	Lab Control Sample	Soluble	Solid	300.0	28388
LCSD 880-28388/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	28388
880-16296-10 MS	SW-18 (1.5')	Soluble	Solid	300.0	28388
880-16296-10 MSD	SW-18 (1.5')	Soluble	Solid	300.0	28388

Analysis Batch: 28397

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16296-1	CS-13 (2.5')	Soluble	Solid	300.0	28389

QC Association Summary

Client: Carmona Resources

Project/Site: SRO State Com #45 (03.18.22/4.01.22)

Job ID: 880-16296-1

SDG: Eddy Co, NM

HPLC/IC (Continued)

Analysis Batch: 28397 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16296-2	CS-14 (2.5')	Soluble	Solid	300.0	28389
880-16296-3	SW-4 (2')	Soluble	Solid	300.0	28389
880-16296-4	SW-5 (3')	Soluble	Solid	300.0	28389
880-16296-5	SW-9 (0.5')	Soluble	Solid	300.0	28389
880-16296-6	SW-12 (2.5')	Soluble	Solid	300.0	28389
880-16296-7	SW-13 (0.5')	Soluble	Solid	300.0	28389
880-16296-8	SW-14 (2')	Soluble	Solid	300.0	28389
880-16296-9	SW-16 (2')	Soluble	Solid	300.0	28389
MB 880-28389/1-A	Method Blank	Soluble	Solid	300.0	28389
LCS 880-28389/2-A	Lab Control Sample	Soluble	Solid	300.0	28389
LCSD 880-28389/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	28389
880-16264-A-12-C MS	Matrix Spike	Soluble	Solid	300.0	28389
880-16264-A-12-D MSD	Matrix Spike Duplicate	Soluble	Solid	300 0	28389

Project/Site: SRO State Com #45 (03.18.22/4.01.22)

SDG: Eddy Co, NM

Job ID: 880-16296-1

Client Sample ID: CS-13 (2.5') Date Collected: 06/24/22 00:00

Lab Sample ID: 880-16296-1

Date Received: 06/24/22 15:31

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	28363	06/24/22 17:16	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28398	06/26/22 03:29	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28480	06/27/22 14:57	SM	XEN MID
Total/NA	Analysis	8015 NM		1			28445	06/27/22 10:30	SM	XEN MID
Total/NA Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.03 g	10 mL	28379 28375	06/25/22 10:11 06/26/22 01:20	AM SM	XEN MID
Soluble Soluble	Leach Analysis	DI Leach 300.0		1	4.99 g	50 mL	28389 28397	06/24/22 17:08 06/26/22 21:27		XEN MID

Client Sample ID: CS-14 (2.5')

Date Collected: 06/24/22 00:00

Date Received: 06/24/22 15:31

Lab Sample ID: 880-16296-2

Matrix: Solid

Batch Batch Dil Initial Final Batch Prepared Method **Prep Type** Type Run **Factor Amount** Amount Number or Analyzed **Analyst** Lab Total/NA 5035 28363 06/24/22 17:16 MR XEN MID Prep 5.01 g 5 mL Total/NA 8021B 5 mL 28398 06/26/22 03:49 MR XEN MID Analysis 5 mL 1 Total/NA Total BTEX Analysis 28480 06/27/22 14:57 SM XEN MID 1 Total/NA 8015 NM XEN MID Analysis 1 28445 06/27/22 10:30 SM Total/NA Prep 8015NM Prep 10.02 g 10 mL 28379 06/25/22 10:11 AM XEN MID Total/NA 8015B NM XEN MID Analysis 1 28375 06/26/22 02:23 SM Soluble 50 mL 28389 Leach DI Leach 4.97 g 06/24/22 17:08 SMC XEN MID 300.0 06/26/22 21:37 SMC Soluble Analysis 1 28397 **XEN MID**

Client Sample ID: SW-4 (2')

Date Collected: 06/24/22 00:00

Date Received: 06/24/22 15:31

Lab Sample ID: 880-16296-3

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035	_		5.03 g	5 mL	28363	06/24/22 17:16	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28398	06/26/22 04:09	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28480	06/27/22 14:57	SM	XEN MID
Total/NA	Analysis	8015 NM		1			28445	06/27/22 10:30	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	28379	06/25/22 10:11	AM	XEN MID
Total/NA	Analysis	8015B NM		1			28375	06/26/22 02:44	SM	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	28389	06/24/22 17:08	SMC	XEN MID
Soluble	Analysis	300.0		1			28397	06/26/22 22:04	SMC	XEN MID

Client Sample ID: SW-5 (3')

Date Collected: 06/24/22 00:00

Date Received: 06/24/22 15:31

Lab Sample ID: 880-16296-4

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	28363	06/24/22 17:16	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28398	06/26/22 04:30	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28480	06/27/22 14:57	SM	XEN MID

Client Sample ID: SW-5 (3')

Lab Chronicle

Client: Carmona Resources

Project/Site: SRO State Com #45 (03.18.22/4.01.22)

Lab Sample ID: 880-16296-4

Matrix: Solid

Job ID: 880-16296-1

SDG: Eddy Co, NM

Matrix: Solid

Date Collected: 06/24/22 00:00 Date Received: 06/24/22 15:31

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			28445	06/27/22 10:30	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28379	06/25/22 10:11	AM	XEN MID
Total/NA	Analysis	8015B NM		1			28375	06/26/22 03:05	SM	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	28389	06/24/22 17:08	SMC	XEN MID
Soluble	Analysis	300.0		1			28397	06/26/22 22:14	SMC	XEN MID

Client Sample ID: SW-9 (0.5') Lab Sample ID: 880-16296-5

Date Collected: 06/24/22 00:00 Date Received: 06/24/22 15:31

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	28363	06/24/22 17:16	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28398	06/26/22 04:50	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28480	06/27/22 14:57	SM	XEN MID
Total/NA	Analysis	8015 NM		1			28445	06/27/22 10:30	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	28379	06/25/22 10:11	AM	XEN MID
Total/NA	Analysis	8015B NM		1			28375	06/26/22 03:26	SM	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	28389	06/24/22 17:08	SMC	XEN MID
Soluble	Analysis	300.0		1			28397	06/26/22 22:23	SMC	XEN MID

Lab Sample ID: 880-16296-6 Client Sample ID: SW-12 (2.5')

Date Collected: 06/24/22 00:00 **Matrix: Solid** Date Received: 06/24/22 15:31

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	28363	06/24/22 17:16	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28398	06/26/22 05:11	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28480	06/27/22 14:57	SM	XEN MID
Total/NA	Analysis	8015 NM		1			28445	06/27/22 10:30	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	28379	06/25/22 10:11	AM	XEN MID
Total/NA	Analysis	8015B NM		1			28375	06/26/22 03:47	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	28389	06/24/22 17:08	SMC	XEN MID
Soluble	Analysis	300.0		1			28397	06/26/22 22:32	SMC	XEN MID

Client Sample ID: SW-13 (0.5') Lab Sample ID: 880-16296-7

Date Collected: 06/24/22 00:00 **Matrix: Solid** Date Received: 06/24/22 15:31

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	28399	06/25/22 18:16	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28415	06/27/22 11:01	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28480	06/27/22 14:57	SM	XEN MID
Total/NA	Analysis	8015 NM		1			28445	06/27/22 10:30	SM	XEN MID
Total/NA Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.01 g	10 mL	28379 28375	06/25/22 10:11 06/26/22 04:08	AM SM	XEN MID XEN MID

Client Sample ID: SW-13 (0.5')

Date Collected: 06/24/22 00:00

Date Received: 06/24/22 15:31

Client: Carmona Resources

Project/Site: SRO State Com #45 (03.18.22/4.01.22)

Lab Sample ID: 880-16296-7

Matrix: Solid

Job ID: 880-16296-1

SDG: Eddy Co, NM

Batch Batch Dil Initial Batch Final Prepared **Prep Type** Method **Factor** Number or Analyzed Type Run **Amount** Amount Analyst Soluble Leach DI Leach 50 mL 28389 06/24/22 17:08 SMC XEN MID 5 g Soluble 300.0 28397 06/26/22 22:41 SMC Analysis XEN MID 1

Client Sample ID: SW-14 (2') Lab Sample ID: 880-16296-8 Matrix: Solid

Date Collected: 06/24/22 00:00 Date Received: 06/24/22 15:31

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	28399	06/25/22 18:16	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28415	06/27/22 11:21	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28480	06/27/22 14:57	SM	XEN MID
Total/NA	Analysis	8015 NM		1			28445	06/27/22 10:30	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	28577	06/28/22 16:43	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28522	06/29/22 06:42	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	28389	06/24/22 17:08	SMC	XEN MID
Soluble	Analysis	300.0		1			28397	06/26/22 22:50	SMC	XEN MID

Client Sample ID: SW-16 (2') Lab Sample ID: 880-16296-9

Date Collected: 06/24/22 00:00 **Matrix: Solid** Date Received: 06/24/22 15:31

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	28399	06/25/22 18:16	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28415	06/27/22 11:42	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28480	06/27/22 14:57	SM	XEN MID
Total/NA	Analysis	8015 NM		1			28445	06/27/22 10:30	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	28379	06/25/22 10:11	AM	XEN MID
Total/NA	Analysis	8015B NM		1			28377	06/25/22 15:56	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	28389	06/24/22 17:08	SMC	XEN MID
Soluble	Analysis	300.0		1			28397	06/26/22 23:00	SMC	XEN MID

Client Sample ID: SW-18 (1.5') Lab Sample ID: 880-16296-10

Date Collected: 06/24/22 00:00 Matrix: Solid Date Received: 06/24/22 15:31

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	28399	06/25/22 18:16	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28415	06/27/22 12:02	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28480	06/27/22 14:57	SM	XEN MID
Total/NA	Analysis	8015 NM		1			28445	06/27/22 10:30	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28379	06/25/22 10:11	AM	XEN MID
Total/NA	Analysis	8015B NM		1			28377	06/25/22 16:19	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	28388	06/24/22 17:00	SMC	XEN MID
Soluble	Analysis	300.0		1			28396	06/26/22 14:14	SMC	XEN MID

Job ID: 880-16296-1 SDG: Eddy Co, NM

Client Sample ID: CS-17 (2')

Date Collected: 06/24/22 00:00 Date Received: 06/24/22 15:31 Lab Sample ID: 880-16296-11

Matrix: Solid

Matrix: Solid

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	28399	06/25/22 18:16	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28415	06/27/22 12:23	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28480	06/27/22 14:57	SM	XEN MID
Total/NA	Analysis	8015 NM		1			28445	06/27/22 10:30	SM	XEN MID
Total/NA Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.05 g	10 mL	28379 28377	06/25/22 10:11 06/25/22 16:41	AM SM	XEN MID XEN MID
Soluble Soluble	Leach Analysis	DI Leach 300.0		1	5 g	50 mL	28388 28396	06/24/22 17:00 06/26/22 14:41	SMC SMC	XEN MID XEN MID

Client Sample ID: SW-22 (2.5') Lab Sample ID: 880-16296-12

Date Collected: 06/24/22 00:00

Date Received: 06/24/22 15:31

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	28399	06/25/22 18:16	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28415	06/27/22 12:43	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28480	06/27/22 14:57	SM	XEN MID
Total/NA	Analysis	8015 NM		1			28445	06/27/22 10:30	SM	XEN MI
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	28379	06/25/22 10:11	AM	XEN MID
Total/NA	Analysis	8015B NM		1			28377	06/25/22 17:03	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	28388	06/24/22 17:00	SMC	XEN MI
Soluble	Analysis	300.0		1			28396	06/26/22 14:51	SMC	XEN MII

Client Sample ID: SW-23 (2.5') Lab Sample ID: 880-16296-13

Date Collected: 06/24/22 00:00 Date Received: 06/24/22 15:31

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035	_		4.97 g	5 mL	28399	06/25/22 18:16	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28415	06/27/22 13:04	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28480	06/27/22 14:57	SM	XEN MID
Total/NA	Analysis	8015 NM		1			28445	06/27/22 10:30	SM	XEN MID
Total/NA Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.01 g	10 mL	28379 28377	06/25/22 10:11 06/25/22 17:25	AM SM	XEN MID XEN MID
Soluble Soluble	Leach Analysis	DI Leach 300.0		1	4.99 g	50 mL	28388 28396	06/24/22 17:00 06/26/22 15:00		XEN MID XEN MID

Client Sample ID: SW-24 (0.5')

Date Collected: 06/24/22 00:00

Date Received: 06/24/22 15:31

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	28399	06/25/22 18:16	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	28415	06/27/22 13:24	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			28480	06/27/22 14:57	SM	XEN MID

Eurofins Midland

Matrix: Solid

Lab Sample ID: 880-16296-14

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Lab Chronicle

Client: Carmona Resources

Project/Site: SRO State Com #45 (03.18.22/4.01.22)

Lab Sample ID: 880-16296-14

Matrix: Solid

Job ID: 880-16296-1

SDG: Eddy Co, NM

Date Collected: 06/24/22 00:00 Date Received: 06/24/22 15:31

Client Sample ID: SW-24 (0.5')

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			28445	06/27/22 10:30	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	28379	06/25/22 10:11	AM	XEN MID
Total/NA	Analysis	8015B NM		1			28377	06/25/22 17:48	SM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	28388	06/24/22 17:00	SMC	XEN MID
Soluble	Analysis	300.0		1			28396	06/26/22 15:09	SMC	XEN MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources

Total BTEX

Project/Site: SRO State Com #45 (03.18.22/4.01.22)

Job ID: 880-16296-1

SDG: Eddy Co, NM

Laboratory: Eurofins Midland

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

Solid

uthority		Program	Identification Number	Expiration Date
exas	1	NELAP	T104704400-21-22	06-30-22
The following analytes the agency does not do		port, 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 (C	GRO)-C6-C10
8015B NM	8015NM Prep	Solid	Oll 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

Method Summary

Client: Carmona Resources

Project/Site: SRO State Com #45 (03.18.22/4.01.22)

Job ID: 880-16296-1

SDG: Eddy Co, NM

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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

Client: Carmona Resources

Project/Site: SRO State Com #45 (03.18.22/4.01.22)

Job ID: 880-16296-1

SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-16296-1	CS-13 (2.5')	Solid	06/24/22 00:00	06/24/22 15:31
880-16296-2	CS-14 (2.5')	Solid	06/24/22 00:00	06/24/22 15:31
880-16296-3	SW-4 (2')	Solid	06/24/22 00:00	06/24/22 15:31
880-16296-4	SW-5 (3')	Solid	06/24/22 00:00	06/24/22 15:31
880-16296-5	SW-9 (0.5')	Solid	06/24/22 00:00	06/24/22 15:31
880-16296-6	SW-12 (2.5')	Solid	06/24/22 00:00	06/24/22 15:31
880-16296-7	SW-13 (0.5')	Solid	06/24/22 00:00	06/24/22 15:31
880-16296-8	SW-14 (2')	Solid	06/24/22 00:00	06/24/22 15:31
880-16296-9	SW-16 (2')	Solid	06/24/22 00:00	06/24/22 15:31
880-16296-10	SW-18 (1.5')	Solid	06/24/22 00:00	06/24/22 15:31
880-16296-11	CS-17 (2')	Solid	06/24/22 00:00	06/24/22 15:31
880-16296-12	SW-22 (2.5')	Solid	06/24/22 00:00	06/24/22 15:31
880-16296-13	SW-23 (2.5')	Solid	06/24/22 00:00	06/24/22 15:31
880-16296-14	SW-24 (0.5')	Solid	06/24/22 00:00	06/24/22 15:31

Com	Proje	1	Page .
Company Name.	Project Manager		
Carmona Resources	Conner Moehring		
Company Name	Bill to (if different)		
cog	Jacqui Harris		
Progr	<u> </u>		
Program: UST/PST PRP Brownfields RRC uperfur	Work Order Comments	Page of	Work Order No: 1000

,	100		II-AAS	-Ws	-Ws	SW-1	SW-1:	s-ws	-ws	sw-	CS-13	CS-13	Sample Ide	Total Containers	Sample Custody Seals	Cooler Custody Seals:	Received Intact.	SAMPLE RECEIPT	PO#	Sampler's Name	Project Location	Project Number:	Project Name	Phone:	City, State ZIP	Address	Company Name.	Project Manager
	The second secon	Delin	SW-18 (1 5)	SW-16 (2')	SW-14 (2')	SW-13 (0 5')	SW-12 (2 5')	SW-9 (0 5')	SW-5 (3')	SW-4 (2')	CS-13 (2 5')	CS-13 (2 5')	Sample Identification		Yes	Yes	(Yes				Edo	16	SRO S (03 18	432-813-6823	Midland, TX 79701	310 W Wall St Ste 415	Carmona Resources	Conner Moehring
	Remiquisited by (Signature)	quished by (6/24/2022	6/24/2022	6/24/2022	6/24/2022	6/24/2022	6/24/2022	6/24/2022	6/24/2022	6/24/2022	6/24/2022	Date		No NA	O (N/A)	No	emp Blank.		AT	Eddy Co, NM	1033/1053	SRO State Com #45 (03 18 22/4 01 22)		701	Ste 415	urces	ng
	oignature	Signature											Time	Corrected	emperatu	Correction Factor	Thermometer ID	Yeg No										
	7)		×	×	×	×	×	×	×	×	×	×	Soil	Corrected Temperature	Temperature Reading	Factor	ter ID) Wet Ice.	lab, if rece	TAT starts the	Due Date	Routine	Turn	Email:	***************************************			
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	6		Comp	Comp	Comp	Comp	Comp	Comp		Comp	Comp	Comp .	Grab/ # of Comp Cont		<u></u>	p:	7	nete	L	the		Code		@conoc	ľ		me	nt)
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													Sampl	NaOH+Ascorbic Acid SAPC	Zn Acetate+NaOH Zn	Na ₂ S ₂ O ₃ NaSO ₃	NaHSO, NABIS	н₃Ро₄ нр	H ₂ SO ₄ H ₂	HCL HC	Cool Cool	None NO	Preser	Other	UST □RRP		□Brownfields □RRC	Work Order Comments
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	Date/Time	+ :											nents	SAPC					NaOH Na	HNO ₃ HN	MeOH Me	DI Water: H ₂ O	odes		Level IV		□uperfund □	

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Project Manager (Conner Moehring	g			Bill to (if different)	ent)	Jac	Jacqui Harris	Š							Wor	k Orde	ır Com	Work Order Comments		
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Address	310 W Wall St Ste 415	ite 415		***************************************	Address		15	15 W London Rd	on Rd				Sta	State of Project:	oject:						
City, State ZIP	Midland, TX 79701	91			City, State ZIP	ف	<u></u>	Loving,NM 88256	88256				Rep	orting L	Reporting Level II Level III] Level		□st/ust	T □RRP	RP 🗌 Level IV 🗎	
Phone	432-813-6823			Email	lacqui harris@conocophillips com	s@conoc	ophillip	com					Del	verable	Deliverables EDD		ΑĐ	ADaPT 🗆	Other	<u>o</u>	
Project Name	SRO Sta (03 18	SRO State Com #45 (03 18 22/4 01 22)		Turr	Turn Around						ANA	ANAI YSIS RECIJEST	<u> </u>	á					, 		, ,,
Project Number	103	1033/1053		Routine	✓ Rush	Pres.	es.	-		-				ď		_	\dashv		TOOCITATION OF COURS	, 100	. 10
Project Location	Edd)	Eddy Co, NM		Due Date	24 Hour	\dashv	-	\dashv		+	1		+	T		4	+	}			Vi vvaiti n ₂ O
Sampler's Name:		AT		TAT starts the	day received by	the	•	RO)										E 6	ב ממ		INFO INF
PO#:				lab if rece	lab if received by 4 30pm			+ MR										H C	HSO. H.		HNO3 HN
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Received Intact.	Yes		Thermometer ID	ter ID	- 1		8021		e 30										NaHSO, NARIS	R S	
Cooler Custody Seals	Yes No	N/A	Correction Factor	Factor:		Pa			orid									HOL	Na.S.O. NaSO.		
Sample Custody Seals	Yes	N/A	emperatu	Temperature Reading			BT		Chlo										7n Acetate+NaOH 7n		
Total Containers.	-		corrected	Corrected Temperature				801									····	Na !	NaOH+Ascorbic Acid SAPC	rbic A	≌.
Sample Identification	ification	Date	Time	Soil	Water Co	Grab/ #	# of Cont	TPI					<u></u>				····	T	Sample Comments	le Cor	
CS-17 (2')	(2')	6/24/2022		×	သ		×	×	×				-	1		_	\dashv	+		-	,
SW-22 (2 5')	2 5')	6/24/2022		×	လ		×	×	×		1		+	1		-	\dashv	\dashv			•
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Work Order No:
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Login Sample Receipt Checklist

Client: Carmona Resources Job Number: 880-16296-1 SDG Number: Eddy Co, NM

List Source: Eurofins Midland Login Number: 16296

List Number: 1

Creator: Rodriguez, Leticia

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	





ANALYTICAL REPORT

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

Laboratory Job ID: 880-15960-1

Laboratory Sample Delivery Group: Eddy Co, NM Client Project/Site: SRO State Com #45 (03.28.22)

For:

eurofins 🔆

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

Attn: Conner Moehring

RAMER

Authorized for release by: 6/17/2022 11:47:57 AM

Jessica Kramer, Project Manager (432)704-5440

Jessica.Kramer@et.eurofinsus.com

Have a Question?

EOL

.....LINKS

Review your project results through

Received by OCD: 8/11/2022 11:45:34 AM

Visit us at:

www.eurofinsus.com/Env Released to Imaging: 9/28/2022 1:38:27 PM

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

Client: Carmona Resources Project/Site: SRO State Com #45 (03.28.22) Laboratory Job ID: 880-15960-1 SDG: Eddy Co, NM

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Definitions/Glossary

Client: Carmona Resources

Job ID: 880-15960-1

Project/Site: SRO State Com #45 (03.28.22)

SDG: Eddy Co, NM

Qualifiers

GC VOA

Qualifier Description

F1 MS and/or MSD recovery exceeds control limits.
U Indicates the analyte was analyzed for but not detected.

GC Semi VOA

U Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier Qualifier Description

U Indicates the analyte was analyzed for but not detected.

Glossary

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

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

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

DER Duplicate Error Ratio (normalized absolute difference)

Dil Fac Dilution Factor

DL Detection Limit (DoD/DOE)

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

DLC Decision Level Concentration (Radiochemistry)

EDL Estimated Detection Limit (Dioxin)

LOD Limit of Detection (DoD/DOE)

LOQ Limit of Quantitation (DoD/DOE)

MCL EPA recommended "Maximum Contaminant Level"

MDA Minimum Detectable Activity (Radiochemistry)

MDC Minimum Detectable Concentration (Radiochemistry)

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

NC Not Calculated

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

NEG Negative / Absent
POS Positive / Present

PQL Practical Quantitation Limit

PRES Presumptive
QC Quality Control

RER Relative Error Ratio (Radiochemistry)

RL Reporting Limit or Requested Limit (Radiochemistry)

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

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

TNTC Too Numerous To Count

Eurofins Midland

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Case Narrative

Client: Carmona Resources

Project/Site: SRO State Com #45 (03.28.22)

Job ID: 880-15960-1

SDG: Eddy Co, NM

Job ID: 880-15960-1

Laboratory: Eurofins Midland

Narrative

Job Narrative 880-15960-1

Receipt

The samples were received on 6/16/2022 8:31 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.3°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for preparation batch 880-27659 and analytical batch 880-27651 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.

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

GC Semi VOA

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

HPLC/IC

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

Client Sample ID: SW-1 (3')

Date Collected: 06/15/22 00:00

Date Received: 06/16/22 08:31

Project/Site: SRO State Com #45 (03.28.22)

Job ID: 880-15960-1

SDG: Eddy Co, NM

Lab Sample ID: 880-15960-1

Matrix: Solid

		d= (CC)	

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:55	06/17/22 00:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:55	06/17/22 00:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:55	06/17/22 00:54	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/16/22 08:55	06/17/22 00:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:55	06/17/22 00:54	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/16/22 08:55	06/17/22 00:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				06/16/22 08:55	06/17/22 00:54	1
1,4-Difluorobenzene (Surr)	97		70 - 130				06/16/22 08:55	06/17/22 00:54	1

Analyte	Result	Qualifier	RL	MDL	Unit	D)	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg				06/17/22 09:21	1

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			06/17/22 08:55	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		06/16/22 08:34	06/16/22 11:29	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		06/16/22 08:34	06/16/22 11:29	1
C10-C28)									
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/16/22 08:34	06/16/22 11:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

Method: 300.0 - Anions, Ion Chromatogr	aphy - Soluble				
o-Terphenyl	105	70 - 130	06/16/22 08:34	06/16/22 11:29	1
1-Chlorooctane	98	70 - 130	06/16/22 08:34	06/16/22 11:29	1

wethou.	300.0 -	Allions,	IUII	Cilionia	tograp	ліу	- 30	luble

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25.2	4.95	mg/Kg			06/17/22 01:22	1

Client Sample ID: SW-2 (3')

-	•
Date Collected: 06	/15/22 00:00
Date Received: 06/	16/22 08:31

Lab Sample ID: 880-15960-2

Matrix: Solid

Method: 8021B - Volatile Orga	nic Compounds ((GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/16/22 08:55	06/17/22 01:15	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/16/22 08:55	06/17/22 01:15	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/16/22 08:55	06/17/22 01:15	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/16/22 08:55	06/17/22 01:15	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/16/22 08:55	06/17/22 01:15	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/16/22 08:55	06/17/22 01:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				06/16/22 08:55	06/17/22 01:15	1
1,4-Difluorobenzene (Surr)	95		70 - 130				06/16/22 08:55	06/17/22 01:15	1

Client Sample Results

Client: Carmona Resources

Project/Site: SRO State Com #45 (03.28.22)

Job ID: 880-15960-1

SDG: Eddy Co, NM

Lab Sample ID: 880-15960-2

06/17/22 01:50

Client Sample ID: SW-2 (3') Date Collected: 06/15/22 00:00 Matrix: Solid Date Received: 06/16/22 08:31

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/17/22 09:21	1
- Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/17/22 08:55	1
Method: 8015B NM - Diesel Rang Analyte		RO) (GC) Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	- Result - <49.9		49.9	WIDL	mg/Kg		06/16/22 08:34	06/16/22 12:34	1
(GRO)-C6-C10	140.0	O	40.0		mg/rtg		00/10/22 00:04	00/10/22 12:04	
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		06/16/22 08:34	06/16/22 12:34	1
C10-C28)									
C10-C28) Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/16/22 08:34	06/16/22 12:34	1
,	<49.9 %Recovery		49.9 <i>Limits</i>		mg/Kg		06/16/22 08:34 Prepared	06/16/22 12:34 Analyzed	1 Dil Fac
Oll Range Organics (Over C28-C36)					mg/Kg				1 Dil Fac 1
Oll Range Organics (Over C28-C36) Surrogate	%Recovery		Limits		mg/Kg		Prepared	Analyzed	1 Dil Fac 1
Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	%Recovery 94 102	Qualifier	Limits 70 - 130		mg/Kg		Prepared 06/16/22 08:34	Analyzed 06/16/22 12:34	1 Dil Fac 1 1

Client Sample ID: SW-3 (3') Lab Sample ID: 880-15960-3 **Matrix: Solid**

5.00

mg/Kg

27.0

Date Collected: 06/15/22 00:00

Chloride

Date Received: 06/16/22 08:31

Released to Imaging: 9/28/2022 1:38:27 PM

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:55	06/17/22 01:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:55	06/17/22 01:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:55	06/17/22 01:35	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/16/22 08:55	06/17/22 01:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:55	06/17/22 01:35	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/16/22 08:55	06/17/22 01:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				06/16/22 08:55	06/17/22 01:35	1
	92 EX Calculation		70 - 130				06/16/22 08:55	06/17/22 01:35	1
Method: Total BTEX - Total BTI	EX Calculation	Overliff and		MDI	l lock				
1,4-Difluorobenzene (Surr) Method: Total BTEX - Total BTE Analyte Total BTEX	EX Calculation	Qualifier	70 - 130 RL 0.00399	MDL	Unit mg/Kg	<u>D</u>	06/16/22 08:55 Prepared	06/17/22 01:35 Analyzed 06/17/22 09:21	Dil Fac
Method: Total BTEX - Total BTI Analyte	EX Calculation Result		RL	MDL		<u>D</u>		Analyzed	
Method: Total BTEX - Total BTI Analyte Total BTEX	EX Calculation Result <0.00399	U	RL	MDL		<u>D</u>		Analyzed	
Method: Total BTEX - Total BTI Analyte Total BTEX Method: 8015 NM - Diesel Rang	EX Calculation Result <0.00399 ge Organics (DR0	U	RL			<u>D</u>		Analyzed	
Method: Total BTEX - Total BTI Analyte	EX Calculation Result <0.00399 ge Organics (DR0	O) (GC) Qualifier			mg/Kg		Prepared	Analyzed 06/17/22 09:21	Dil Fac
Method: Total BTEX - Total BTI Analyte Total BTEX Method: 8015 NM - Diesel Rang Analyte	EX Calculation Result <0.00399 ge Organics (DRO Result <50.0	O) (GC) Qualifier			mg/Kg		Prepared	Analyzed 06/17/22 09:21 Analyzed	Dil Fac
Method: Total BTEX - Total BTI Analyte Total BTEX Method: 8015 NM - Diesel Rang Analyte Total TPH Method: 8015B NM - Diesel Rang	EX Calculation Result <0.00399 ge Organics (DRO Result <50.0 nge Organics (DI	O) (GC) Qualifier		MDL	mg/Kg		Prepared	Analyzed 06/17/22 09:21 Analyzed	Dil Fac
Method: Total BTEX - Total BTI Analyte Total BTEX Method: 8015 NM - Diesel Rang Analyte Total TPH	EX Calculation Result <0.00399 ge Organics (DRO Result <50.0 nge Organics (DI	O) (GC) Qualifier U RO) (GC) Qualifier	RL 0.00399 RL 50.0	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 06/17/22 09:21 Analyzed 06/17/22 08:55	Dil Fac

Project/Site: SRO State Com #45 (03.28.22)

Client Sample ID: SW-3 (3')

Client: Carmona Resources

Date Collected: 06/15/22 00:00 Date Received: 06/16/22 08:31

Lab Sample ID: 880-15960-3

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/16/22 08:34	06/16/22 12:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130			06/16/22 08:34	06/16/22 12:56	1
o-Terphenyl	102		70 - 130			06/16/22 08:34	06/16/22 12:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Chloride 4.99 06/17/22 01:59 29.1 mg/Kg

Client Sample ID: SW-4 (3')

Date Collected: 06/15/22 00:00 Date Received: 06/16/22 08:31

Lab Sample ID: 880-15960-4

Matrix: Solid

Method: 8021B - Volatile Orga	nic Compounds ((GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/16/22 08:55	06/17/22 01:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/16/22 08:55	06/17/22 01:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/16/22 08:55	06/17/22 01:56	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/16/22 08:55	06/17/22 01:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/16/22 08:55	06/17/22 01:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/16/22 08:55	06/17/22 01:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				06/16/22 08:55	06/17/22 01:56	1
1,4-Difluorobenzene (Surr)	95		70 - 130				06/16/22 08:55	06/17/22 01:56	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/17/22 09:21	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	87.6		49.9		mg/Kg			06/17/22 08:55	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/16/22 08:34	06/16/22 13:18	
Diesel Range Organics (Over C10-C28)	87.6		49.9		mg/Kg		06/16/22 08:34	06/16/22 13:18	
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/16/22 08:34	06/16/22 13:18	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	92		70 - 130				06/16/22 08:34	06/16/22 13:18	
o-Terphenyl	101		70 - 130				06/16/22 08:34	06/16/22 13:18	

Method: 300.0 - Anions, Ion Chron	natography - So	oluble						
Analyte	Result Q	ualifier RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	34.5	5.01		mg/Kg			06/17/22 02:08	1

Client Sample Results

Client: Carmona Resources

Project/Site: SRO State Com #45 (03.28.22)

Lab Sample ID: 880-15960-5

Matrix: Solid

Job ID: 880-15960-1

SDG: Eddy Co, NM

Client Sample ID: SW-5 (3') Date Collected: 06/15/22 00:00 Date Received: 06/16/22 08:31

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:55	06/17/22 03:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:55	06/17/22 03:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:55	06/17/22 03:46	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/16/22 08:55	06/17/22 03:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:55	06/17/22 03:46	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/16/22 08:55	06/17/22 03:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				06/16/22 08:55	06/17/22 03:46	1
1,4-Difluorobenzene (Surr)	91		70 - 130				06/16/22 08:55	06/17/22 03:46	1
Method: Total BTEX - Total BTE	X Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/17/22 09:21	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Method: 8015 NM - Diesel Range			RI	MDI	Unit	D	Prepared	Analyzed	Dil Fac
Method: 8015 NM - Diesel Range Analyte Total TPH		Qualifier	RL	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 06/17/22 08:55	Dil Fac
Analyte	Result	Qualifier		MDL		<u>D</u>	Prepared		
Analyte Total TPH	Result <50.0	Qualifier U		MDL		<u>D</u>	Prepared		
Analyte	Result <50.0	Qualifier U				D	Prepared Prepared		
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics	Result <50.0	Qualifier U RO) (GC) Qualifier	50.0		mg/Kg			06/17/22 08:55	1
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10	Result <50.0 Ge Organics (Dige Result <50.0)	Qualifier U RO) (GC) Qualifier U	50.0 RL 50.0		mg/Kg Unit mg/Kg		Prepared 06/16/22 08:34	06/17/22 08:55 Analyzed 06/16/22 13:39	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result <50.0 Ge Organics (Dige Result	Qualifier U RO) (GC) Qualifier U	50.0		mg/Kg		Prepared	06/17/22 08:55 Analyzed	1 Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result	Qualifier U RO) (GC) Qualifier U	50.0 RL 50.0 50.0		mg/Kg Unit mg/Kg mg/Kg		Prepared 06/16/22 08:34 06/16/22 08:34	06/17/22 08:55 Analyzed 06/16/22 13:39 06/16/22 13:39	1 Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result <50.0 Ge Organics (Dige Result <50.0)	Qualifier U RO) (GC) Qualifier U	50.0 RL 50.0		mg/Kg Unit mg/Kg		Prepared 06/16/22 08:34	06/17/22 08:55 Analyzed 06/16/22 13:39	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Result	Qualifier U RO) (GC) Qualifier U U	50.0 RL 50.0 50.0 50.0 Limits		mg/Kg Unit mg/Kg mg/Kg		Prepared 06/16/22 08:34 06/16/22 08:34 06/16/22 08:34 Prepared	Analyzed 06/16/22 13:39 06/16/22 13:39 06/16/22 13:39 Analyzed	Dil Fac 1 1 Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result <50.0	Qualifier U RO) (GC) Qualifier U U	50.0 RL 50.0 50.0 50.0		mg/Kg Unit mg/Kg mg/Kg		Prepared 06/16/22 08:34 06/16/22 08:34	06/17/22 08:55 Analyzed 06/16/22 13:39 06/16/22 13:39	1 Dil Fac 1 1
Analyte Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Result	Qualifier U RO) (GC) Qualifier U U	50.0 RL 50.0 50.0 50.0 Limits		mg/Kg Unit mg/Kg mg/Kg		Prepared 06/16/22 08:34 06/16/22 08:34 06/16/22 08:34 Prepared	Analyzed 06/16/22 13:39 06/16/22 13:39 06/16/22 13:39 Analyzed	Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result	Qualifier U RO) (GC) Qualifier U U Qualifier	50.0 RL 50.0 50.0 50.0 Limits 70 - 130		mg/Kg Unit mg/Kg mg/Kg		Prepared 06/16/22 08:34 06/16/22 08:34 06/16/22 08:34 Prepared 06/16/22 08:34	06/17/22 08:55 Analyzed 06/16/22 13:39 06/16/22 13:39 Analyzed 06/16/22 13:39	Dil Fac 1 1 Dil Fac
Analyte Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Result	Qualifier U RO) (GC) Qualifier U U Qualifier	50.0 RL 50.0 50.0 50.0 Limits 70 - 130	MDL	mg/Kg Unit mg/Kg mg/Kg		Prepared 06/16/22 08:34 06/16/22 08:34 06/16/22 08:34 Prepared 06/16/22 08:34	06/17/22 08:55 Analyzed 06/16/22 13:39 06/16/22 13:39 Analyzed 06/16/22 13:39	1 Dil Fac 1 1 1 1 Dil Fac 1

Client Sample ID: CS-1 (3')

Date Collected: 06/15/22 00:00

Date Received: 06/16/22 08:31

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/16/22 08:55	06/17/22 04:06	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/16/22 08:55	06/17/22 04:06	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/16/22 08:55	06/17/22 04:06	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/16/22 08:55	06/17/22 04:06	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/16/22 08:55	06/17/22 04:06	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/16/22 08:55	06/17/22 04:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				06/16/22 08:55	06/17/22 04:06	1
1,4-Difluorobenzene (Surr)	93		70 - 130				06/16/22 08:55	06/17/22 04:06	1

Eurofins Midland

Lab Sample ID: 880-15960-6

Matrix: Solid

Project/Site: SRO State Com #45 (03.28.22)

Job ID: 880-15960-1

SDG: Eddy Co, NM

Lab Sample ID: 880-15960-6

Matrix: Solid

Client	Samp	le ID:	CS-1	(3')

Date Collected: 06/15/22 00:00 Date Received: 06/16/22 08:31

Method: Total BTEX - Total BTEX	Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			06/17/22 09:21	1
- Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/17/22 08:55	1
Method: 8015B NM - Diesel Rang Analyte		RO) (GC) Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg	_	06/16/22 08:34	06/16/22 14:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/16/22 08:34	06/16/22 14:01	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/16/22 08:34	06/16/22 14:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				06/16/22 08:34	06/16/22 14:01	1
o-Terphenyl	97		70 - 130				06/16/22 08:34	06/16/22 14:01	1

Method: 300.0 - Anions, Ion Chrom Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	172		4.99		mg/Kg			06/17/22 02:45	1
Client Sample ID: CS-2 (3')							Lab Sam	ple ID: 880-1	5960-7

Client Sample ID: CS-2 (3')

Date Collected: 06/15/22 00:00

Date Received: 06/16/22 08:31

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:55	06/17/22 04:27	
Toluene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:55	06/17/22 04:27	•
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:55	06/17/22 04:27	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/16/22 08:55	06/17/22 04:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:55	06/17/22 04:27	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/16/22 08:55	06/17/22 04:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				06/16/22 08:55	06/17/22 04:27	1
1,4-Difluorobenzene (Surr) Method: Total BTEX - Total BT	TEX Calculation		70 - 130				06/16/22 08:55	06/17/22 04:27	:
Method: Total BTEX - Total BT Analyte	EX Calculation Result	Qualifier	RL	MDL	Unit	<u>D</u>	06/16/22 08:55 Prepared	06/17/22 04:27 Analyzed	
• ' '	EX Calculation			MDL	Unit mg/Kg	<u>D</u>			Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX	TEX Calculation Result <0.00399	U	RL	MDL		<u>D</u>		Analyzed	
Method: Total BTEX - Total BT Analyte	TEX Calculation Result <0.00399 age Organics (DR0	U	RL	MDL	mg/Kg	<u>D</u>		Analyzed	Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX Method: 8015 NM - Diesel Ran	TEX Calculation Result <0.00399 age Organics (DR0	O) (GC) Qualifier			mg/Kg	<u> </u>	Prepared	Analyzed 06/17/22 09:21	Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX Method: 8015 NM - Diesel Ran Analyte	TEX Calculation Result <0.00399 age Organics (DRO Result <50.0	O) (GC) Qualifier			mg/Kg	<u> </u>	Prepared	Analyzed 06/17/22 09:21 Analyzed	
Method: Total BTEX - Total BT Analyte Total BTEX Method: 8015 NM - Diesel Ran Analyte Total TPH Method: 8015B NM - Diesel Ran	rex Calculation Result <0.00399 age Organics (DRO Result <50.0 ange Organics (DI	O) (GC) Qualifier		MDL	mg/Kg	<u> </u>	Prepared	Analyzed 06/17/22 09:21 Analyzed	Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX Method: 8015 NM - Diesel Ran Analyte Total TPH	rex Calculation Result <0.00399 age Organics (DRO Result <50.0 ange Organics (DI	O) (GC) Qualifier U RO) (GC) Qualifier	RL 0.00399 RL 50.0	MDL	mg/Kg Unit mg/Kg	<u></u>	Prepared Prepared	Analyzed 06/17/22 09:21 Analyzed 06/17/22 08:55	Dil Fac

Eurofins Midland

Matrix: Solid

Project/Site: SRO State Com #45 (03.28.22)

Job ID: 880-15960-1

SDG: Eddy Co, NM

Client Sample ID: CS-2 (3')

Date Collected: 06/15/22 00:00 Date Received: 06/16/22 08:31

Lab Sample ID: 880-15960-7

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/16/22 08:34	06/16/22 14:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				06/16/22 08:34	06/16/22 14:23	1
o-Terphenvl	104		70 - 130				06/16/22 08:34	06/16/22 14:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Chloride 164 5.00 06/17/22 02:54 mg/Kg

Client Sample ID: CS-3 (3')

Lab Sample ID: 880-15960-8

Matrix: Solid

Date Collected: 06/15/22 00:00 Date Received: 06/16/22 08:31

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00199	U	0.00199		mg/Kg		06/16/22 08:55	06/17/22 04:47	
Toluene	< 0.00199	U	0.00199		mg/Kg		06/16/22 08:55	06/17/22 04:47	
Ethylbenzene	< 0.00199	U	0.00199		mg/Kg		06/16/22 08:55	06/17/22 04:47	
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/16/22 08:55	06/17/22 04:47	
o-Xylene	< 0.00199	U	0.00199		mg/Kg		06/16/22 08:55	06/17/22 04:47	
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/16/22 08:55	06/17/22 04:47	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	101		70 - 130				06/16/22 08:55	06/17/22 04:47	
1,4-Difluorobenzene (Surr)	97		70 - 130				06/16/22 08:55	06/17/22 04:47	
- Method: Total BTEX - Total BTEX	(Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/17/22 09:21	
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Analyte Total TPH			RL	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 06/17/22 08:55	
	<50.0	U		MDL		<u>D</u>	Prepared		
Total TPH	<50.0	U				<u>D</u>	Prepared Prepared		
Total TPH Method: 8015B NM - Diesel Rang	<50.0	RO) (GC) Qualifier	50.0		mg/Kg	<u> </u>		06/17/22 08:55	Dil Fa
Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics	<50.0 ge Organics (Di	RO) (GC) Qualifier	50.0		mg/Kg	<u> </u>	Prepared	06/17/22 08:55 Analyzed	Dil Fa
Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	<50.0 ge Organics (Di Result <50.0	U RO) (GC) Qualifier U	50.0 RL 50.0		mg/Kg Unit mg/Kg	<u> </u>	Prepared 06/16/22 08:34	06/17/22 08:55 Analyzed 06/16/22 14:45	Dil Fa
Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<50.0 ge Organics (Diameter) Result <50.0	U RO) (GC) Qualifier U U	50.0 RL 50.0 50.0		mg/Kg Unit mg/Kg mg/Kg	<u> </u>	Prepared 06/16/22 08:34 06/16/22 08:34	06/17/22 08:55 Analyzed 06/16/22 14:45 06/16/22 14:45	Dil Fa
Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	<50.0 ge Organics (Dispersion of the property of the	U RO) (GC) Qualifier U U	50.0 RL 50.0 50.0 50.0		mg/Kg Unit mg/Kg mg/Kg	<u> </u>	Prepared 06/16/22 08:34 06/16/22 08:34	06/17/22 08:55 Analyzed 06/16/22 14:45 06/16/22 14:45	Dil Fa
Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	<50.0 ge Organics (Diamondress) Result <50.0 <50.0 <50.0 %Recovery	U RO) (GC) Qualifier U U	50.0 RL 50.0 50.0 50.0 Limits		mg/Kg Unit mg/Kg mg/Kg	<u> </u>	Prepared 06/16/22 08:34 06/16/22 08:34 06/16/22 08:34 Prepared	06/17/22 08:55 Analyzed 06/16/22 14:45 06/16/22 14:45 Analyzed	Dil Fa
Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	<50.0 ge Organics (D) Result <50.0 <50.0 <50.0 %Recovery 75 81	U RO) (GC) Qualifier U U Qualifier	50.0 RL 50.0 50.0 50.0 Limits 70 - 130		mg/Kg Unit mg/Kg mg/Kg	<u> </u>	Prepared 06/16/22 08:34 06/16/22 08:34 06/16/22 08:34 Prepared 06/16/22 08:34	06/17/22 08:55 Analyzed 06/16/22 14:45 06/16/22 14:45 Analyzed 06/16/22 14:45	Dil Fa
Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	<50.0 ge Organics (D) Result <50.0 <50.0 <50.0 <50.0 %Recovery 75 81 omatography -	U RO) (GC) Qualifier U U Qualifier	50.0 RL 50.0 50.0 50.0 Limits 70 - 130	MDL	mg/Kg Unit mg/Kg mg/Kg	<u> </u>	Prepared 06/16/22 08:34 06/16/22 08:34 06/16/22 08:34 Prepared 06/16/22 08:34	06/17/22 08:55 Analyzed 06/16/22 14:45 06/16/22 14:45 Analyzed 06/16/22 14:45	Dil Fa

Client Sample Results

Client: Carmona Resources

Project/Site: SRO State Com #45 (03.28.22)

SDG: Eddy Co, NM

Job ID: 880-15960-1

Lab Sample ID: 880-15960-9

Matrix: Solid

Date Collected: 06/15/22 00:00 Date Received: 06/16/22 08:31

Client Sample ID: CS-4 (3')

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/16/22 08:55	06/17/22 05:08	
Toluene	<0.00199	U	0.00199		mg/Kg		06/16/22 08:55	06/17/22 05:08	•
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/16/22 08:55	06/17/22 05:08	•
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/16/22 08:55	06/17/22 05:08	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/16/22 08:55	06/17/22 05:08	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/16/22 08:55	06/17/22 05:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				06/16/22 08:55	06/17/22 05:08	1
1,4-Difluorobenzene (Surr)	96		70 - 130				06/16/22 08:55	06/17/22 05:08	1
Method: Total BTEX - Total BTE	X Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/17/22 09:21	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/17/22 08:55	1
Method: 8015B NM - Diesel Rang	ge Organics (D	RO) (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/16/22 08:34	06/16/22 15:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/16/22 08:34	06/16/22 15:07	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/16/22 08:34	06/16/22 15:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				06/16/22 08:34	06/16/22 15:07	1
o-Terphenyl	100		70 - 130				06/16/22 08:34	06/16/22 15:07	1
Method: 300.0 - Anions, Ion Chr	omatography -	Soluble							

Client Sample ID: CS-5 (3')

41.7

Date Collected: 06/15/22 00:00

Date Received: 06/16/22 08:31

Chloride

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/16/22 08:55	06/17/22 05:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/16/22 08:55	06/17/22 05:28	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/16/22 08:55	06/17/22 05:28	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/16/22 08:55	06/17/22 05:28	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/16/22 08:55	06/17/22 05:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/16/22 08:55	06/17/22 05:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				06/16/22 08:55	06/17/22 05:28	1
1,4-Difluorobenzene (Surr)	95		70 - 130				06/16/22 08:55	06/17/22 05:28	1

4.95

mg/Kg

Eurofins Midland

06/17/22 03:13

Matrix: Solid

Lab Sample ID: 880-15960-10

Project/Site: SRO State Com #45 (03.28.22)

Job ID: 880-15960-1

SDG: Eddy Co, NM

Client Sample ID: CS-5 (3')

Date Collected: 06/15/22 00:00 Date Received: 06/16/22 08:31

Lab Sample ID: 880-15960-10

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/17/22 09:21	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/17/22 08:55	1
Method: 8015B NM - Diesel Rang	e Organics (D	RO) (GC)							
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		06/16/22 08:35	06/16/22 13:39	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		06/16/22 08:35	06/16/22 13:39	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/16/22 08:35	06/16/22 13:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				06/16/22 08:35	06/16/22 13:39	1
o-Terphenyl	92		70 - 130				06/16/22 08:35	06/16/22 13:39	1
Method: 300.0 - Anions, Ion Chro	matography -	Soluble							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	101		4.97		mg/Kg			06/17/22 03:22	

Client Sample ID: CS-6 (3')

Date Collected: 06/15/22 00:00

Date Received: 06/16/22 08:31

Lab Sample	ID: 880-15960-11
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Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:55	06/17/22 05:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:55	06/17/22 05:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:55	06/17/22 05:49	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/16/22 08:55	06/17/22 05:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:55	06/17/22 05:49	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/16/22 08:55	06/17/22 05:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				06/16/22 08:55	06/17/22 05:49	1
	97		70 - 130				06/16/22 08:55	06/17/22 05:49	1
	EX Calculation	Qualifier	70 - 730 RL	MDL	Unit	D	Prepared	Analyzed	
1,4-Difluorobenzene (Surr) Method: Total BTEX - Total BT			70 - 730				00/10/22 00.33	00/17/22 00:43	,
	EX Calculation			MDL	Unit mg/Kg	<u>D</u>			Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX	TEX Calculation Result <0.00399	U	RL	MDL		<u>D</u>		Analyzed	Dil Fac
Method: Total BTEX - Total BT Analyte	TEX Calculation Result <0.00399 age Organics (DR	U	RL	MDL MDL	mg/Kg	<u>D</u>		Analyzed	Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX Method: 8015 NM - Diesel Ran	TEX Calculation Result <0.00399 age Organics (DR	U O) (GC) Qualifier	RL		mg/Kg		Prepared	Analyzed 06/17/22 09:21	Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX Method: 8015 NM - Diesel Ran Analyte	Result	O) (GC) Qualifier	RL		mg/Kg		Prepared	Analyzed 06/17/22 09:21 Analyzed	Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX Method: 8015 NM - Diesel Ran Analyte Total TPH Method: 8015B NM - Diesel Ran	rex Calculation Result <0.00399 age Organics (DR Result <50.0 ange Organics (D	O) (GC) Qualifier	RL	MDL	mg/Kg		Prepared	Analyzed 06/17/22 09:21 Analyzed	Dil Fac
Method: Total BTEX - Total BT Analyte Total BTEX Method: 8015 NM - Diesel Ran Analyte Total TPH	rex Calculation Result <0.00399 age Organics (DR Result <50.0 ange Organics (D	O) (GC) Qualifier U RO) (GC) Qualifier	RL 0.00399 RL 50.0	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 06/17/22 09:21 Analyzed 06/17/22 08:55	Dil Fac

Project/Site: SRO State Com #45 (03.28.22)

Job ID: 880-15960-1

SDG: Eddy Co, NM

Client Sample ID: CS-6 (3')

Date Collected: 06/15/22 00:00 Date Received: 06/16/22 08:31

Lab Sample ID: 880-15960-11

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/16/22 08:35	06/16/22 14:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				06/16/22 08:35	06/16/22 14:01	1
o-Terphenyl	95		70 - 130				06/16/22 08:35	06/16/22 14:01	1

Method: 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac 106 5.00 06/17/22 03:31 Chloride mg/Kg

Client Sample ID: CS-7 (3') Lab Sample ID: 880-15960-12 Date Collected: 06/15/22 00:00 **Matrix: Solid**

D

	-						
Date Received: 06/16/22 08:3	1						
Method: 8021B - Volatile Org	ganic Compounds (GC)						
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac

Method: 8021B - Volatile Orga	nic Compounds	(GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/16/22 08:55	06/17/22 06:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/16/22 08:55	06/17/22 06:09	1
Ethylbenzene	< 0.00199	U	0.00199		mg/Kg		06/16/22 08:55	06/17/22 06:09	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/16/22 08:55	06/17/22 06:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/16/22 08:55	06/17/22 06:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/16/22 08:55	06/17/22 06:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				06/16/22 08:55	06/17/22 06:09	1
1,4-Difluorobenzene (Surr)	98		70 - 130				06/16/22 08:55	06/17/22 06:09	1

Method: Total BTEX - Total BTEX Calculation									
	Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
	Total BTEX	<0.00398	U	0.00398	mg/Kg			06/17/22 09:21	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Total TPH	<49.8	U	49.8		mg/Kg			06/17/22 08:55	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/16/22 08:35	06/16/22 14:23	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/16/22 08:35	06/16/22 14:23	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/16/22 08:35	06/16/22 14:23	,
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				06/16/22 08:35	06/16/22 14:23	1
o-Terphenyl	98		70 - 130				06/16/22 08:35	06/16/22 14:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Chloride	47.6		4.99		mg/Kg			06/17/22 03:59	1

Eurofins Midland

6/17/2022

Client Sample Results

Client: Carmona Resources

Project/Site: SRO State Com #45 (03.28.22)

Lab Sample ID: 880-15960-13

Client Sample ID: CS-8 (3')

Date Collected: 06/15/22 00:00 Date Received: 06/16/22 08:31

Matrix: Solid

Job ID: 880-15960-1

SDG: Eddy Co, NM

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:55	06/17/22 06:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:55	06/17/22 06:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:55	06/17/22 06:29	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/16/22 08:55	06/17/22 06:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:55	06/17/22 06:29	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/16/22 08:55	06/17/22 06:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				06/16/22 08:55	06/17/22 06:29	1
1,4-Difluorobenzene (Surr)	95		70 - 130				06/16/22 08:55	06/17/22 06:29	1
Method: Total BTEX - Total BTEX	X Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/17/22 09:21	1
Method: 8015 NM - Diesel Range Analyte		O) (GC) Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0						
			30.0		mg/Kg			06/17/22 08:55	1
Method: 8015B NM - Diesel Rang	ge Organics (D	RO) (GC)	30.0		mg/Kg			06/17/22 08:55	1
	• •	RO) (GC) Qualifier	RL	MDL		D	Prepared	06/17/22 08:55 Analyzed	
Analyte Gasoline Range Organics	• •	Qualifier		MDL		<u>D</u>	Prepared 06/16/22 08:35		Dil Fac
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result	Qualifier U	RL	MDL	Unit	<u>D</u>	<u>.</u>	Analyzed	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10	Result <50.0	Qualifier U	RL	MDL	Unit mg/Kg	<u> </u>	06/16/22 08:35	Analyzed 06/16/22 14:45	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result <50.0 <50.0	Qualifier U U U	RL 50.0	MDL	Unit mg/Kg mg/Kg	<u>D</u>	06/16/22 08:35 06/16/22 08:35	Analyzed 06/16/22 14:45 06/16/22 14:45	
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result <50.0 <50.0 <50.0	Qualifier U U U	RL 50.0 50.0 50.0	MDL	Unit mg/Kg mg/Kg	<u> </u>	06/16/22 08:35 06/16/22 08:35 06/16/22 08:35	Analyzed 06/16/22 14:45 06/16/22 14:45	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Result	Qualifier U U U	RL 50.0 50.0 50.0 <i>Limits</i>	MDL	Unit mg/Kg mg/Kg	<u> </u>	06/16/22 08:35 06/16/22 08:35 06/16/22 08:35 Prepared	Analyzed 06/16/22 14:45 06/16/22 14:45 06/16/22 14:45 Analyzed	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result	Qualifier U U Qualifier	RL 50.0 50.0 50.0 50.0 Limits 70 - 130	MDL	Unit mg/Kg mg/Kg	<u> </u>	06/16/22 08:35 06/16/22 08:35 06/16/22 08:35 Prepared 06/16/22 08:35	Analyzed 06/16/22 14:45 06/16/22 14:45 06/16/22 14:45 Analyzed 06/16/22 14:45	Dil Face 1 1 Dil Face
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Result	Qualifier U U Qualifier	RL 50.0 50.0 50.0 50.0 Limits 70 - 130	MDL	Unit mg/Kg mg/Kg mg/Kg	<u>D</u>	06/16/22 08:35 06/16/22 08:35 06/16/22 08:35 Prepared 06/16/22 08:35	Analyzed 06/16/22 14:45 06/16/22 14:45 06/16/22 14:45 Analyzed 06/16/22 14:45	Dil Fac

Client Sample ID: CS-9 (3') Lab Sample ID: 880-15960-14 Date Collected: 06/15/22 00:00 **Matrix: Solid**

Date Received: 06/16/22 08:31

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:55	06/17/22 06:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:55	06/17/22 06:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:55	06/17/22 06:50	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/16/22 08:55	06/17/22 06:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:55	06/17/22 06:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/16/22 08:55	06/17/22 06:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				06/16/22 08:55	06/17/22 06:50	1
1,4-Difluorobenzene (Surr)	93		70 - 130				06/16/22 08:55	06/17/22 06:50	1

Client Sample Results

Client: Carmona Resources

Project/Site: SRO State Com #45 (03.28.22)

Job ID: 880-15960-1

SDG: Eddy Co, NM

Client Sample ID: CS-9 (3')	Lab Sample ID: 880-15960-14
Date Collected: 06/15/22 00:00	Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			06/17/22 09:21	
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	<50.0	U	50.0		mg/Kg			06/17/22 08:55	
Method: 8015B NM - Diesel Rang	e Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		06/16/22 08:35	06/16/22 15:07	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		06/16/22 08:35	06/16/22 15:07	•
C10-C28)									
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/16/22 08:35	06/16/22 15:07	•
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	88		70 - 130				06/16/22 08:35	06/16/22 15:07	1
o-Terphenyl	90		70 - 130				06/16/22 08:35	06/16/22 15:07	
Method: 300.0 - Anions, Ion Chro	matography -	Soluble							
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	45.0		5.00		mg/Kg			06/17/22 04:36	

Surrogate Summary

Client: Carmona Resources Project/Site: SRO State Com #45 (03.28.22) Job ID: 880-15960-1

SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-15959-A-1-A MS	Matrix Spike	101	99	
880-15959-A-1-B MSD	Matrix Spike Duplicate	96	93	
880-15960-1	SW-1 (3')	102	97	
880-15960-2	SW-2 (3')	105	95	
880-15960-3	SW-3 (3')	103	92	
880-15960-4	SW-4 (3')	102	95	
880-15960-5	SW-5 (3')	104	91	
880-15960-6	CS-1 (3')	101	93	
880-15960-7	CS-2 (3')	101	102	
880-15960-8	CS-3 (3')	101	97	
880-15960-9	CS-4 (3')	103	96	
880-15960-10	CS-5 (3')	109	95	
880-15960-11	CS-6 (3')	101	97	
880-15960-12	CS-7 (3')	103	98	
880-15960-13	CS-8 (3')	101	95	
880-15960-14	CS-9 (3')	96	93	
LCS 880-27659/1-A	Lab Control Sample	100	103	
LCSD 880-27659/2-A	Lab Control Sample Dup	102	97	
MB 880-27627/5-A	Method Blank	94	96	
MB 880-27659/5-A	Method Blank	95	97	

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid Prep Type: Total/NA

		1001	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-15959-A-1-H MS	Matrix Spike	97	91
880-15959-A-1-I MSD	Matrix Spike Duplicate	95	91
880-15960-1	SW-1 (3')	98	105
880-15960-1 MS	SW-1 (3')	86	85
880-15960-1 MSD	SW-1 (3')	87	85
880-15960-2	SW-2 (3')	94	102
880-15960-3	SW-3 (3')	97	102
880-15960-4	SW-4 (3')	92	101
880-15960-5	SW-5 (3')	92	100
880-15960-6	CS-1 (3')	92	97
880-15960-7	CS-2 (3')	99	104
880-15960-8	CS-3 (3')	75	81
880-15960-9	CS-4 (3')	94	100
880-15960-10	CS-5 (3')	87	92
880-15960-11	CS-6 (3')	89	95
880-15960-12	CS-7 (3')	92	98
880-15960-13	CS-8 (3')	96	102
880-15960-14	CS-9 (3')	88	90
LCS 880-27657/2-A	Lab Control Sample	97	106

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Released to Imaging: 9/28/2022 1:38:27 PM

Surrogate Summary

Client: Carmona Resources

Job ID: 880-15960-1

Project/Site: SRO State Com #45 (03.28.22)

SDG: Eddy Co, NM

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

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
LCS 880-27658/2-A	Lab Control Sample	115	120	
LCSD 880-27657/3-A	Lab Control Sample Dup	91	100	
LCSD 880-27658/3-A	Lab Control Sample Dup	122	124	
MB 880-27657/1-A	Method Blank	94	105	
MB 880-27658/1-A	Method Blank	110	122	
Surrogate Legend				
1CO = 1-Chlorooctane				
OTPH = o-Terphenyl				

QC Sample Results

Client: Carmona Resources

Project/Site: SRO State Com #45 (03.28.22)

Job ID: 880-15960-1

SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-27627/5-A

Lab Sample ID: MB 880-27659/5-A

Matrix: Solid

Analysis Batch: 27651

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27627

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/15/22 15:37	06/16/22 10:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/15/22 15:37	06/16/22 10:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/15/22 15:37	06/16/22 10:45	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/15/22 15:37	06/16/22 10:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/15/22 15:37	06/16/22 10:45	1
Xvlenes Total	<0.00400	П	0.00400		ma/Ka		06/15/22 15:37	06/16/22 10:45	1

MB MB

Surrogate	%Recovery Q	ualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

06/15/22 15:37 06/16/22 10:45 06/15/22 15:37 06/16/22 10:45

Prepared

Client Sample ID: Method Blank

Analyzed

Prep Type: Total/NA

Prep Batch: 27659

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ı										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Benzene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:55	06/16/22 22:23	1
	Toluene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:55	06/16/22 22:23	1
	Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:55	06/16/22 22:23	1
	m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/16/22 08:55	06/16/22 22:23	1
	o-Xylene	<0.00200	U	0.00200		mg/Kg		06/16/22 08:55	06/16/22 22:23	1
	Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/16/22 08:55	06/16/22 22:23	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	06/16/22 08:55	06/16/22 22:23	1
1,4-Difluorobenzene (Surr)	97		70 - 130	06/16/22 08:55	06/16/22 22:23	1

Lab Sample ID: LCS 880-27659/1-A

Matrix: Solid

Matrix: Solid

Analysis Batch: 27651

Analysis Batch: 27651

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

Prep Batch: 27659

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.09753		mg/Kg		98	70 - 130	
Toluene	0.100	0.09009		mg/Kg		90	70 - 130	
Ethylbenzene	0.100	0.09260		mg/Kg		93	70 - 130	
m-Xylene & p-Xylene	0.200	0.1814		mg/Kg		91	70 - 130	
o-Xylene	0.100	0.1011		mg/Kg		101	70 - 130	

LCS LCS

Surrogate	%Recovery Qualific	er Limits
4-Bromofluorobenzene (Surr)	100	70 - 130
1,4-Difluorobenzene (Surr)	103	70 - 130

Lab Sample ID: LCSD 880-27659/2-A

Matrix: Solid

Analysis Batch: 27651

		Chefit Sample ID: Lab Control Sa	ilibie pub
		Prep Type	: Total/NA
		Prep Bat	ch: 27659
Spike	LCSD LCSD	%Rec	RPD

Result Qualifier Analyte Added Unit %Rec Limits RPD Limit Benzene 0.100 0.08955 mg/Kg 90 70 - 130 35

Eurofins Midland

Dil Fac

QC Sample Results

Client: Carmona Resources

Project/Site: SRO State Com #45 (03.28.22)

Job ID: 880-15960-1

SDG: Eddy Co, NM

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

Lab Sample ID: LCSD 880-27659/2-A

Matrix: Solid Analysis Batch: 27651 **Client Sample ID: Lab Control Sample Dup**

Prep Type: Total/NA Prep Batch: 27659

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Toluene	0.100	0.09173		mg/Kg		92	70 - 130	2	35
Ethylbenzene	0.100	0.09588		mg/Kg		96	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.1888		mg/Kg		94	70 - 130	4	35
o-Xylene	0.100	0.1046		mg/Kg		105	70 - 130	3	35

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 880-15959-A-1-A MS

Matrix: Solid

Analysis Batch: 27651

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 27659

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.0165	F1	0.100	0.06354	F1	mg/Kg		47	70 - 130	
Toluene	0.0706	F1	0.100	0.08936	F1	mg/Kg		19	70 - 130	
Ethylbenzene	0.00991	F1	0.100	0.06254	F1	mg/Kg		53	70 - 130	
m-Xylene & p-Xylene	0.0416	F1	0.200	0.1390	F1	mg/Kg		49	70 - 130	
o-Xylene	0.0207	F1	0.100	0.07701	F1	mg/Kg		56	70 - 130	

MS MS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	101	70 - 130
1,4-Difluorobenzene (Surr)	99	70 - 130

Lab Sample ID: 880-15959-A-1-B MSD

Matrix: Solid

Analysis Batch: 27651

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA Prep Batch: 27659

7											
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.0165	F1	0.0998	0.06638	F1	mg/Kg		50	70 - 130	4	35
Toluene	0.0706	F1	0.0998	0.09462	F1	mg/Kg		24	70 - 130	6	35
Ethylbenzene	0.00991	F1	0.0998	0.06579	F1	mg/Kg		56	70 - 130	5	35
m-Xylene & p-Xylene	0.0416	F1	0.200	0.1458	F1	mg/Kg		52	70 - 130	5	35
o-Xylene	0.0207	F1	0.0998	0.07982	F1	mg/Kg		59	70 - 130	4	35

MSD MSD

Surrogate	%Recovery	Quaimer	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

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

Lab Sample ID: MB 880-27657/1-A

Matrix: Solid

Analysis Batch: 27643

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

Prep Batch: 27657

	МВ	MB							
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics	<50.0	U	50.0	mg/Kg		06/16/22 08:34	06/16/22 10:24	1	
(GRO)-C6-C10									

Project/Site: SRO State Com #45 (03.28.22)

Job ID: 880-15960-1

SDG: Eddy Co, NM

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

Lab Sample ID: MB 880-27657/1-A

Matrix: Solid

Analysis Batch: 27643

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27657

	IND	1410							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		06/16/22 08:34	06/16/22 10:24	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/16/22 08:34	06/16/22 10:24	1
	Diesel Range Organics (Over C10-C28)	Analyte Result Diesel Range Organics (Over <50.0 C10-C28)	Diesel Range Organics (Over <50.0 U	Analyte Result Qualifier RL Diesel Range Organics (Over <50.0	Analyte Result Qualifier RL MDL Diesel Range Organics (Over C10-C28) <50.0	Analyte Result Qualifier RL MDL Unit Diesel Range Organics (Over <50.0 U 50.0 mg/Kg C10-C28)	Analyte Result Qualifier RL MDL Unit Diesel Range Organics (Over <50.0 U 50.0 mg/Kg C10-C28)	Analyte Result Qualifier RL MDL Unit D Prepared Diesel Range Organics (Over <50.0 U 50.0 mg/Kg 06/16/22 08:34 C10-C28)	Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Diesel Range Organics (Over C10-C28) <50.0

MB MB

MR MR

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94	70 - 130	06/16/22 08:34	06/16/22 10:24	1
o-Terphenyl	105	70 - 130	06/16/22 08:34	06/16/22 10:24	1

Client Sample ID: Lab Control Sample

Matrix: Solid

Analysis Batch: 27643

Lab Sample ID: LCS 880-27657/2-A

Prep Type: Total/NA

Prep Batch: 27657

	Spike	LUS	LUS				70KeC	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	915.4		mg/Kg		92	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	1057		mg/Kg		106	70 - 130	
C10-C28)								

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	97		70 - 130
o-Terphenyl	106		70 - 130

Lab Sample ID: LCSD 880-27657/3-A

Matrix: Solid

Analysis Batch: 27643

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

Prep Batch: 27657

	Spike	LCSD	LCSD				%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics	1000	872.3		mg/Kg		87	70 - 130	5	20	
(GRO)-C6-C10										
Diesel Range Organics (Over	1000	1019		mg/Kg		102	70 - 130	4	20	
C10-C28)										

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	91		70 - 130
o-Terphenyl	100		70 - 130

Lab Sample ID: 880-15960-1 MS Client Sample ID: SW-1 (3')

Matrix: Solid

Analysis Batch: 27643

Prep Type: Total/NA Prep Batch: 27657

	Sample	Sample	Spike	MS	MS				%Rec
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	927.2		mg/Kg		91	70 - 130
Diesel Range Organics (Over	<49.9	U	998	869.3		mg/Kg		83	70 - 130

C10-C28)

	IVIS	IVIS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	86		70 - 130
o-Terphenyl	85		70 - 130

QC Sample Results

Client: Carmona Resources

Project/Site: SRO State Com #45 (03.28.22)

Job ID: 880-15960-1

SDG: Eddy Co, NM

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

Lab Sample ID: 880-15960-1 MSD

Analysis Batch: 27643

Matrix: Solid

Client Sample ID: SW-1 (3')

Prep Type: Total/NA

Prep Batch: 27657

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	<49.9	U	999	937.1		mg/Kg		92	70 - 130	1	20
(GRO)-C6-C10											
Diesel Range Organics (Over	<49.9	U	999	875.9		mg/Kg		83	70 - 130	1	20
C10-C28)											

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	87		70 - 130
o-Terphenyl	85		70 - 130

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27658

Lab Sample ID: MB 880-27658/1-A

Matrix: Solid

Analysis Batch: 27645

	IND	111.0							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		06/16/22 08:35	06/16/22 10:24	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		06/16/22 08:35	06/16/22 10:24	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/16/22 08:35	06/16/22 10:24	1

MB MB

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110	70 - 130	06/16/22 08:35	06/16/22 10:24	1
o-Terphenyl	122	70 - 130	06/16/22 08:35	06/16/22 10:24	1

Lab Sample ID: LCS 880-27658/2-A

Matrix: Solid

Analysis Batch: 27645

Client 9	Sample	ID: I	Lab	Control	Sample
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Prep Type: Total/NA

Prep Batch: 27658

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	898.2		mg/Kg		90	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	1050		mg/Kg		105	70 - 130	
C10-C28)								

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	115		70 - 130
o-Terphenyl	120		70 - 130

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 27645

Lab Sample ID: LCSD 880-27658/3-A

Prep Type: Total/NA Prep Batch: 27658

-	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	1000	916.3		mg/Kg		92	70 - 130	2	20
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	1050		mg/Kg		105	70 - 130	0	20
C10-C28)									

Project/Site: SRO State Com #45 (03.28.22)

Job ID: 880-15960-1

SDG: Eddy Co, NM

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

Lab Sample ID: LCSD 880-27658/3-A

Matrix: Solid

Analysis Batch: 27645

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA Prep Batch: 27658

LCSD LCSD

%Recovery Qualifier Surrogate Limits 1-Chlorooctane 122 70 - 130 o-Terphenyl 124 70 - 130

Lab Sample ID: 880-15959-A-1-H MS Client Sample ID: Matrix Spike

Matrix: Solid

Analysis Batch: 27645

Prep Type: Total/NA

Prep Batch: 27658

Sample Sample Spike MS MS %Rec Qualifier Analyte Result Qualifier Added Result Unit D %Rec Limits <49.9 U 998 998 2 98 70 - 130Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <49.9 U 998 903.7 mg/Kg 89 70 - 130C10-C28)

MS MS

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	97		70 - 130
o-Terphenyl	91		70 - 130

Lab Sample ID: 880-15959-A-1-I MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Analysis Batch: 27645

Prep Type: Total/NA

Prep Type: Soluble

Prep Batch: 27658

Sample Sample Spike MSD MSD RPD Analyte Result Qualifier hahhA Result Qualifier Unit %Rec Limits RPD Limit D Gasoline Range Organics <49.9 U 999 923.0 mg/Kg 90 70 - 130 8 20 (GRO)-C6-C10 Diesel Range Organics (Over <49.9 U 999 892.2 mg/Kg 87 70 - 130 20 C10-C28)

MSD MSD Surrogate %Recovery Qualifier

Limits 70 - 130 1-Chlorooctane 95 70 - 130 o-Terphenyl 91

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-27664/1-A Client Sample ID: Method Blank

Matrix: Solid

Analysis Batch: 27756

MB MB

Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Chloride <5.00 U 5.00 mg/Kg 06/17/22 00:55

Lab Sample ID: LCS 880-27664/2-A **Client Sample ID: Lab Control Sample Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 27756

		Spike	LCS	LCS				%Rec	
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	 	250	259.1		mg/Kg		104	90 - 110	

QC Sample Results

Client: Carmona Resources

Project/Site: SRO State Com #45 (03.28.22)

Job ID: 880-15960-1

Client Sample ID: Lab Control Sample Dup

SDG: Eddy Co, NM

Prep Type: Soluble

Prep Type: Soluble

Prep Type: Soluble

Prep Type: Soluble

Client Sample ID: SW-1 (3')

Client Sample ID: SW-1 (3')

Client Sample ID: CS-6 (3')

Client Sample ID: CS-6 (3') **Prep Type: Soluble**

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-27664/3-A

Matrix: Solid

Analysis Batch: 27756

%Rec Spike LCSD LCSD RPD Analyte Added Result Qualifier Unit D %Rec Limits RPD Limit Chloride 250 258.6 mg/Kg 103 90 - 110 20

Lab Sample ID: 880-15960-1 MS

Matrix: Solid

Analysis Batch: 27756

Sample Sample Spike MS MS %Rec Result Qualifier Added Analyte Result Qualifier Unit D %Rec Limits Chloride 25.2 248 267.6 mg/Kg 98 90 - 110

Lab Sample ID: 880-15960-1 MSD

Matrix: Solid

Analysis Batch: 27756

MSD MSD %Rec RPD Sample Sample Spike Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits **RPD** Limit Chloride 25.2 248 267.8 90 - 110 mg/Kg

Lab Sample ID: 880-15960-11 MS

Matrix: Solid

Analysis Batch: 27756

MS MS Sample Sample Spike %Rec Analyte Result Qualifier Added Qualifier Unit %Rec Result Limits Chloride 106 250 350.1 90 - 110 mg/Kg

Lab Sample ID: 880-15960-11 MSD

Matrix: Solid

Analysis Batch: 27756

Sample Sample Spike MSD MSD %Rec RPD Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit Chloride 250 106 350.3 mg/Kg 98 90 - 110 0 20

Client: Carmona Resources

Project/Site: SRO State Com #45 (03.28.22)

Job ID: 880-15960-1

SDG: Eddy Co, NM

GC VOA

Prep Batch: 27627

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-27627/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 27651

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15960-1	SW-1 (3')	Total/NA	Solid	8021B	27659
880-15960-2	SW-2 (3')	Total/NA	Solid	8021B	27659
880-15960-3	SW-3 (3')	Total/NA	Solid	8021B	27659
880-15960-4	SW-4 (3')	Total/NA	Solid	8021B	27659
880-15960-5	SW-5 (3')	Total/NA	Solid	8021B	27659
880-15960-6	CS-1 (3')	Total/NA	Solid	8021B	27659
880-15960-7	CS-2 (3')	Total/NA	Solid	8021B	27659
880-15960-8	CS-3 (3')	Total/NA	Solid	8021B	27659
880-15960-9	CS-4 (3')	Total/NA	Solid	8021B	27659
880-15960-10	CS-5 (3')	Total/NA	Solid	8021B	27659
880-15960-11	CS-6 (3')	Total/NA	Solid	8021B	27659
880-15960-12	CS-7 (3')	Total/NA	Solid	8021B	27659
880-15960-13	CS-8 (3')	Total/NA	Solid	8021B	27659
880-15960-14	CS-9 (3')	Total/NA	Solid	8021B	27659
MB 880-27627/5-A	Method Blank	Total/NA	Solid	8021B	27627
MB 880-27659/5-A	Method Blank	Total/NA	Solid	8021B	27659
LCS 880-27659/1-A	Lab Control Sample	Total/NA	Solid	8021B	27659
LCSD 880-27659/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	27659
880-15959-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	27659
880-15959-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	27659

Prep Batch: 27659

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batc
880-15960-1	SW-1 (3')	Total/NA	Solid	5035	
880-15960-2	SW-2 (3')	Total/NA	Solid	5035	
880-15960-3	SW-3 (3')	Total/NA	Solid	5035	
880-15960-4	SW-4 (3')	Total/NA	Solid	5035	
880-15960-5	SW-5 (3')	Total/NA	Solid	5035	
880-15960-6	CS-1 (3')	Total/NA	Solid	5035	
880-15960-7	CS-2 (3')	Total/NA	Solid	5035	
880-15960-8	CS-3 (3')	Total/NA	Solid	5035	
880-15960-9	CS-4 (3')	Total/NA	Solid	5035	
880-15960-10	CS-5 (3')	Total/NA	Solid	5035	
880-15960-11	CS-6 (3')	Total/NA	Solid	5035	
880-15960-12	CS-7 (3')	Total/NA	Solid	5035	
880-15960-13	CS-8 (3')	Total/NA	Solid	5035	
880-15960-14	CS-9 (3')	Total/NA	Solid	5035	
MB 880-27659/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-27659/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-27659/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-15959-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-15959-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 27770

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15960-1	SW-1 (3')	Total/NA	Solid	Total BTEX	
880-15960-2	SW-2 (3')	Total/NA	Solid	Total BTEX	

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Client: Carmona Resources

Project/Site: SRO State Com #45 (03.28.22)

Job ID: 880-15960-1 SDG: Eddy Co, NM

GC VOA (Continued)

Analysis Batch: 27770 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15960-3	SW-3 (3')	Total/NA	Solid	Total BTEX	
880-15960-4	SW-4 (3')	Total/NA	Solid	Total BTEX	
880-15960-5	SW-5 (3')	Total/NA	Solid	Total BTEX	
880-15960-6	CS-1 (3')	Total/NA	Solid	Total BTEX	
880-15960-7	CS-2 (3')	Total/NA	Solid	Total BTEX	
880-15960-8	CS-3 (3')	Total/NA	Solid	Total BTEX	
880-15960-9	CS-4 (3')	Total/NA	Solid	Total BTEX	
880-15960-10	CS-5 (3')	Total/NA	Solid	Total BTEX	
880-15960-11	CS-6 (3')	Total/NA	Solid	Total BTEX	
880-15960-12	CS-7 (3')	Total/NA	Solid	Total BTEX	
880-15960-13	CS-8 (3')	Total/NA	Solid	Total BTEX	
880-15960-14	CS-9 (3')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 27643

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15960-1	SW-1 (3')	Total/NA	Solid	8015B NM	27657
880-15960-2	SW-2 (3')	Total/NA	Solid	8015B NM	27657
880-15960-3	SW-3 (3')	Total/NA	Solid	8015B NM	27657
880-15960-4	SW-4 (3')	Total/NA	Solid	8015B NM	27657
880-15960-5	SW-5 (3')	Total/NA	Solid	8015B NM	27657
880-15960-6	CS-1 (3')	Total/NA	Solid	8015B NM	27657
880-15960-7	CS-2 (3')	Total/NA	Solid	8015B NM	27657
880-15960-8	CS-3 (3')	Total/NA	Solid	8015B NM	27657
880-15960-9	CS-4 (3')	Total/NA	Solid	8015B NM	27657
MB 880-27657/1-A	Method Blank	Total/NA	Solid	8015B NM	27657
LCS 880-27657/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	27657
LCSD 880-27657/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	27657
880-15960-1 MS	SW-1 (3')	Total/NA	Solid	8015B NM	27657
880-15960-1 MSD	SW-1 (3')	Total/NA	Solid	8015B NM	27657

Analysis Batch: 27645

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15960-10	CS-5 (3')	Total/NA	Solid	8015B NM	27658
880-15960-11	CS-6 (3')	Total/NA	Solid	8015B NM	27658
880-15960-12	CS-7 (3')	Total/NA	Solid	8015B NM	27658
880-15960-13	CS-8 (3')	Total/NA	Solid	8015B NM	27658
880-15960-14	CS-9 (3')	Total/NA	Solid	8015B NM	27658
MB 880-27658/1-A	Method Blank	Total/NA	Solid	8015B NM	27658
LCS 880-27658/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	27658
LCSD 880-27658/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	27658
880-15959-A-1-H MS	Matrix Spike	Total/NA	Solid	8015B NM	27658
880-15959-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	27658

Prep Batch: 27657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method Prep Batch
880-15960-1	SW-1 (3')	Total/NA	Solid	8015NM Prep
880-15960-2	SW-2 (3')	Total/NA	Solid	8015NM Prep
880-15960-3	SW-3 (3')	Total/NA	Solid	8015NM Prep
880-15960-4	SW-4 (3')	Total/NA	Solid	8015NM Prep

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Client: Carmona Resources

Project/Site: SRO State Com #45 (03.28.22)

Job ID: 880-15960-1 SDG: Eddy Co, NM

GC Semi VOA (Continued)

Prep Batch: 27657 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15960-5	SW-5 (3')	Total/NA	Solid	8015NM Prep	
880-15960-6	CS-1 (3')	Total/NA	Solid	8015NM Prep	
880-15960-7	CS-2 (3')	Total/NA	Solid	8015NM Prep	
880-15960-8	CS-3 (3')	Total/NA	Solid	8015NM Prep	
880-15960-9	CS-4 (3')	Total/NA	Solid	8015NM Prep	
MB 880-27657/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-27657/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-27657/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-15960-1 MS	SW-1 (3')	Total/NA	Solid	8015NM Prep	
880-15960-1 MSD	SW-1 (3')	Total/NA	Solid	8015NM Prep	

Prep Batch: 27658

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15960-10	CS-5 (3')	Total/NA	Solid	8015NM Prep	
880-15960-11	CS-6 (3')	Total/NA	Solid	8015NM Prep	
880-15960-12	CS-7 (3')	Total/NA	Solid	8015NM Prep	
880-15960-13	CS-8 (3')	Total/NA	Solid	8015NM Prep	
880-15960-14	CS-9 (3')	Total/NA	Solid	8015NM Prep	
MB 880-27658/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-27658/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-27658/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-15959-A-1-H MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-15959-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 27751

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15960-1	SW-1 (3')	Total/NA	Solid	8015 NM	- <u> </u>
880-15960-2	SW-2 (3')	Total/NA	Solid	8015 NM	
880-15960-3	SW-3 (3')	Total/NA	Solid	8015 NM	
880-15960-4	SW-4 (3')	Total/NA	Solid	8015 NM	
880-15960-5	SW-5 (3')	Total/NA	Solid	8015 NM	
880-15960-6	CS-1 (3')	Total/NA	Solid	8015 NM	
880-15960-7	CS-2 (3')	Total/NA	Solid	8015 NM	
880-15960-8	CS-3 (3')	Total/NA	Solid	8015 NM	
880-15960-9	CS-4 (3')	Total/NA	Solid	8015 NM	
880-15960-10	CS-5 (3')	Total/NA	Solid	8015 NM	
880-15960-11	CS-6 (3')	Total/NA	Solid	8015 NM	
880-15960-12	CS-7 (3')	Total/NA	Solid	8015 NM	
880-15960-13	CS-8 (3')	Total/NA	Solid	8015 NM	
880-15960-14	CS-9 (3')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 27664

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15960-1	SW-1 (3')	Soluble	Solid	DI Leach	
880-15960-2	SW-2 (3')	Soluble	Solid	DI Leach	
880-15960-3	SW-3 (3')	Soluble	Solid	DI Leach	
880-15960-4	SW-4 (3')	Soluble	Solid	DI Leach	
880-15960-5	SW-5 (3')	Soluble	Solid	DI Leach	
880-15960-6	CS-1 (3')	Soluble	Solid	DI Leach	

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Client: Carmona Resources

Project/Site: SRO State Com #45 (03.28.22)

Job ID: 880-15960-1 SDG: Eddy Co, NM

HPLC/IC (Continued)

Leach Batch: 27664 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15960-7	CS-2 (3')	Soluble	Solid	DI Leach	_
880-15960-8	CS-3 (3')	Soluble	Solid	DI Leach	
880-15960-9	CS-4 (3')	Soluble	Solid	DI Leach	
880-15960-10	CS-5 (3')	Soluble	Solid	DI Leach	
880-15960-11	CS-6 (3')	Soluble	Solid	DI Leach	
880-15960-12	CS-7 (3')	Soluble	Solid	DI Leach	
880-15960-13	CS-8 (3')	Soluble	Solid	DI Leach	
880-15960-14	CS-9 (3')	Soluble	Solid	DI Leach	
MB 880-27664/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-27664/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-27664/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-15960-1 MS	SW-1 (3')	Soluble	Solid	DI Leach	
880-15960-1 MSD	SW-1 (3')	Soluble	Solid	DI Leach	
880-15960-11 MS	CS-6 (3')	Soluble	Solid	DI Leach	
880-15960-11 MSD	CS-6 (3')	Soluble	Solid	DI Leach	

Analysis Batch: 27756

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-15960-1	SW-1 (3')	Soluble	Solid	300.0	27664
880-15960-2	SW-2 (3')	Soluble	Solid	300.0	27664
880-15960-3	SW-3 (3')	Soluble	Solid	300.0	27664
880-15960-4	SW-4 (3')	Soluble	Solid	300.0	27664
880-15960-5	SW-5 (3')	Soluble	Solid	300.0	27664
880-15960-6	CS-1 (3')	Soluble	Solid	300.0	27664
880-15960-7	CS-2 (3')	Soluble	Solid	300.0	27664
880-15960-8	CS-3 (3')	Soluble	Solid	300.0	27664
880-15960-9	CS-4 (3')	Soluble	Solid	300.0	27664
880-15960-10	CS-5 (3')	Soluble	Solid	300.0	27664
880-15960-11	CS-6 (3')	Soluble	Solid	300.0	27664
880-15960-12	CS-7 (3')	Soluble	Solid	300.0	27664
880-15960-13	CS-8 (3')	Soluble	Solid	300.0	27664
880-15960-14	CS-9 (3')	Soluble	Solid	300.0	27664
MB 880-27664/1-A	Method Blank	Soluble	Solid	300.0	27664
LCS 880-27664/2-A	Lab Control Sample	Soluble	Solid	300.0	27664
LCSD 880-27664/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	27664
880-15960-1 MS	SW-1 (3')	Soluble	Solid	300.0	27664
880-15960-1 MSD	SW-1 (3')	Soluble	Solid	300.0	27664
880-15960-11 MS	CS-6 (3')	Soluble	Solid	300.0	27664
880-15960-11 MSD	CS-6 (3')	Soluble	Solid	300.0	27664

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Job ID: 880-15960-1

SDG: Eddy Co, NM

Client Sample ID: SW-1 (3')

Date Collected: 06/15/22 00:00 Date Received: 06/16/22 08:31

Lab Sample ID: 880-15960-1

Matrix: Solid

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	27659	06/16/22 08:55	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27651	06/17/22 00:54	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27770	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27751	06/17/22 08:55	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27657	06/16/22 08:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27643	06/16/22 11:29	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27664	06/16/22 09:18	CH	XEN MID
Soluble	Analysis	300.0		1			27756	06/17/22 01:22	CH	XEN MID

Lab Sample ID: 880-15960-2

Date Collected: 06/15/22 00:00

Date Received: 06/16/22 08:31

Client Sample ID: SW-2 (3')

Batch Batch Dil Initial Final Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Prep 5035 27659 Total/NA 4.98 g 5 mL 06/16/22 08:55 MR XEN MID Total/NA 8021B 5 mL XEN MID Analysis 1 5 mL 27651 06/17/22 01:15 MR Total/NA Total BTEX 27770 06/17/22 09:21 XEN MID Analysis 1 A.I Total/NA Analysis 8015 NM 27751 06/17/22 08:55 XEN MID Total/NA 27657 06/16/22 08:34 XEN MID Prep 8015NM Prep 10.02 g DM 10 mL Total/NA Analysis 8015B NM 27643 06/16/22 12:34 AJ XEN MID 06/16/22 09:18 Soluble XEN MID Leach DI Leach 5 g 50 mL 27664 CH Soluble Analysis 300.0 27756 06/17/22 01:50 CH XEN MID

Client Sample ID: SW-3 (3')

Date Collected: 06/15/22 00:00

Date Received: 06/16/22 08:31

Lab	Sample	ID:	880-15960-3
			Marketon Oallal

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	27659	06/16/22 08:55	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27651	06/17/22 01:35	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27770	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27751	06/17/22 08:55	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27657	06/16/22 08:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27643	06/16/22 12:56	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27664	06/16/22 09:18	CH	XEN MID
Soluble	Analysis	300.0		1			27756	06/17/22 01:59	CH	XEN MID

Client Sample ID: SW-4 (3')

Date Collected: 06/15/22 00:00

Date Received: 06/16/22 08:31

Lab Sample ID: 880-15960-4

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	27659	06/16/22 08:55	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27651	06/17/22 01:56	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27770	06/17/22 09:21	AJ	XEN MID

Eurofins Midland

Client: Carmona Resources

Project/Site: SRO State Com #45 (03.28.22)

Job ID: 880-15960-1

SDG: Eddy Co, NM

Client Sample ID: SW-4 (3')

Date Collected: 06/15/22 00:00 Date Received: 06/16/22 08:31

Lab Sample ID: 880-15960-4

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			27751	06/17/22 08:55	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27657	06/16/22 08:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27643	06/16/22 13:18	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	27664	06/16/22 09:18	CH	XEN MID
Soluble	Analysis	300.0		1			27756	06/17/22 02:08	CH	XEN MID

Lab Sample ID: 880-15960-5 Client Sample ID: SW-5 (3') Date Collected: 06/15/22 00:00 **Matrix: Solid**

Date Received: 06/16/22 08:31

	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	27659	06/16/22 08:55	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27651	06/17/22 03:46	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27770	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27751	06/17/22 08:55	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27657	06/16/22 08:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27643	06/16/22 13:39	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	27664	06/16/22 09:18	CH	XEN MID
Soluble	Analysis	300.0		1			27756	06/17/22 02:18	CH	XEN MID

Client Sample ID: CS-1 (3') Lab Sample ID: 880-15960-6 Date Collected: 06/15/22 00:00 **Matrix: Solid**

Date Received: 06/16/22 08:31

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	27659	06/16/22 08:55	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27651	06/17/22 04:06	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27770	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27751	06/17/22 08:55	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27657	06/16/22 08:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27643	06/16/22 14:01	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	27664	06/16/22 09:18	CH	XEN MID
Soluble	Analysis	300.0		1			27756	06/17/22 02:45	CH	XEN MID

Lab Sample ID: 880-15960-7 Client Sample ID: CS-2 (3')

Date Collected: 06/15/22 00:00 Date Received: 06/16/22 08:31

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	27659	06/16/22 08:55	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27651	06/17/22 04:27	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27770	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27751	06/17/22 08:55	AJ	XEN MID
Total/NA Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.00 g	10 mL	27657 27643	06/16/22 08:34 06/16/22 14:23	DM AJ	XEN MID XEN MID

Eurofins Midland

Page 29 of 38

Matrix: Solid

Client: Carmona Resources

Project/Site: SRO State Com #45 (03.28.22)

Job ID: 880-15960-1 SDG: Eddy Co, NM

Client Sample ID: CS-2 (3')

Date Collected: 06/15/22 00:00 Date Received: 06/16/22 08:31

Lab Sample ID: 880-15960-7

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	27664	06/16/22 09:18	CH	XEN MID
Soluble	Analysis	300.0		1			27756	06/17/22 02:54	CH	XEN MID

Client Sample ID: CS-3 (3') Lab Sample ID: 880-15960-8

Date Collected: 06/15/22 00:00 **Matrix: Solid**

Date Received: 06/16/22 08:31

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	27659	06/16/22 08:55	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27651	06/17/22 04:47	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27770	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27751	06/17/22 08:55	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	27657	06/16/22 08:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27643	06/16/22 14:45	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27664	06/16/22 09:18	CH	XEN MID
Soluble	Analysis	300.0		1			27756	06/17/22 03:04	CH	XEN MID

Client Sample ID: CS-4 (3') Lab Sample ID: 880-15960-9

Date Collected: 06/15/22 00:00 Date Received: 06/16/22 08:31

	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	27659	06/16/22 08:55	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27651	06/17/22 05:08	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27770	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27751	06/17/22 08:55	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27657	06/16/22 08:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27643	06/16/22 15:07	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	27664	06/16/22 09:18	CH	XEN MID
Soluble	Analysis	300.0		1			27756	06/17/22 03:13	CH	XEN MID

Client Sample ID: CS-5 (3') Lab Sample ID: 880-15960-10

Date Collected: 06/15/22 00:00 Date Received: 06/16/22 08:31

	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	27659	06/16/22 08:55	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27651	06/17/22 05:28	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27770	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27751	06/17/22 08:55	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	27658	06/16/22 08:35	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27645	06/16/22 13:39	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	27664	06/16/22 09:18	CH	XEN MID
Soluble	Analysis	300.0		1			27756	06/17/22 03:22	CH	XEN MID

Eurofins Midland

Matrix: Solid

Matrix: Solid

Client: Carmona Resources

Project/Site: SRO State Com #45 (03.28.22)

Job ID: 880-15960-1

SDG: Eddy Co, NM

Lab Sample ID: 880-15960-11

Matrix: Solid

Client Sample ID: CS-6 (3') Date Collected: 06/15/22 00:00

Date Received: 06/16/22 08:31

	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	27659	06/16/22 08:55	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27651	06/17/22 05:49	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27770	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27751	06/17/22 08:55	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27658	06/16/22 08:35	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27645	06/16/22 14:01	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27664	06/16/22 09:18	CH	XEN MID
Soluble	Analysis	300.0		1			27756	06/17/22 03:31	CH	XEN MID

Client Sample ID: CS-7 (3')

Date Collected: 06/15/22 00:00

Date Received: 06/16/22 08:31

Lab Sample ID: 880-15960-12

Matrix: Solid

Dil Initial Final Batch Batch Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Prep 5035 27659 Total/NA 5.03 g 5 mL 06/16/22 08:55 MR XEN MID Total/NA 8021B 5 mL XEN MID Analysis 1 5 mL 27651 06/17/22 06:09 MR Total/NA Total BTEX 27770 06/17/22 09:21 XEN MID Analysis A.I 1 Total/NA Analysis 8015 NM 27751 06/17/22 08:55 XEN MID Total/NA 27658 XEN MID Prep 8015NM Prep 10.04 g 06/16/22 08:35 DM 10 mL Total/NA Analysis 8015B NM 27645 06/16/22 14:23 AJ XEN MID Soluble XEN MID Leach DI Leach 5.01 g 50 mL 27664 06/16/22 09:18 CH Soluble Analysis 300.0 27756 06/17/22 03:59 CH XEN MID

Client Sample ID: CS-8 (3')

Date Collected: 06/15/22 00:00

Date Received: 06/16/22 08:31

Lab Sample ID: 880-15960-13

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	27659	06/16/22 08:55	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27651	06/17/22 06:29	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27770	06/17/22 09:21	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			27751	06/17/22 08:55	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	27658	06/16/22 08:35	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27645	06/16/22 14:45	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	27664	06/16/22 09:18	СН	XEN MID
Soluble	Analysis	300.0		1			27756	06/17/22 04:08	CH	XEN MID

Client Sample ID: CS-9 (3')

Date Collected: 06/15/22 00:00

Date Received: 06/16/22 08:31

Lab Samı	ole ID:	880-15	960-14
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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			5.00 g	5 mL	27659	06/16/22 08:55	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	27651	06/17/22 06:50	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			27770	06/17/22 09:21	AJ	XEN MID

Eurofins Midland

Released to Imaging: 9/28/2022 1:38:27 PM

Client: Carmona Resources

Project/Site: SRO State Com #45 (03.28.22)

Job ID: 880-15960-1

SDG: Eddy Co, NM

Lab Sample ID: 880-15960-14

Matrix: Solid

Client Sample ID: CS-9 (3') Date Collected: 06/15/22 00:00

Date Received: 06/16/22 08:31

	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			27751	06/17/22 08:55	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	27658	06/16/22 08:35	DM	XEN MID
Total/NA	Analysis	8015B NM		1			27645	06/16/22 15:07	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	27664	06/16/22 09:18	CH	XEN MID
Soluble	Analysis	300.0		1			27756	06/17/22 04:36	CH	XEN MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources

Job ID: 880-15960-1 Project/Site: SRO State Com #45 (03.28.22) SDG: Eddy Co, NM

Laboratory: Eurofins Midland

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

thority		Program	Identification Number	Expiration Date
xas		NELAP	T104704400-21-22	06-30-22
The following analytes the agency does not of	·	t, but the laboratory is not certif	ied by the governing authority. This list ma	ay 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 (Over	C10-C28)
8015B NM	8015NM Prep	Solid	Gasoline Range Organics (GR	RO)-C6-C10
8015B NM	8015NM Prep	Solid	Oll Range Organics (Over C28	8-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	

Method Summary

Client: Carmona Resources

Project/Site: SRO State Com #45 (03.28.22)

Job ID: 880-15960-1

SDG: Eddy Co, NM

Laboratory	
XEN MID	
XEN MID	

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

Eurofins Midland

Sample Summary

Client: Carmona Resources

Project/Site: SRO State Com #45 (03.28.22)

Job ID: 880-15960-1

SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-15960-1	SW-1 (3')	Solid	06/15/22 00:00	06/16/22 08:31
880-15960-2	SW-2 (3')	Solid	06/15/22 00:00	06/16/22 08:31
880-15960-3	SW-3 (3')	Solid	06/15/22 00:00	06/16/22 08:31
880-15960-4	SW-4 (3')	Solid	06/15/22 00:00	06/16/22 08:31
880-15960-5	SW-5 (3')	Solid	06/15/22 00:00	06/16/22 08:31
880-15960-6	CS-1 (3')	Solid	06/15/22 00:00	06/16/22 08:31
880-15960-7	CS-2 (3')	Solid	06/15/22 00:00	06/16/22 08:31
30-15960-8	CS-3 (3')	Solid	06/15/22 00:00	06/16/22 08:31
30-15960-9	CS-4 (3')	Solid	06/15/22 00:00	06/16/22 08:31
30-15960-10	CS-5 (3')	Solid	06/15/22 00:00	06/16/22 08:31
80-15960-11	CS-6 (3')	Solid	06/15/22 00:00	06/16/22 08:31
80-15960-12	CS-7 (3')	Solid	06/15/22 00:00	06/16/22 08:31
80-15960-13	CS-8 (3')	Solid	06/15/22 00:00	06/16/22 08:31
80-15960-14	CS-9 (3')	Solid	06/15/22 00:00	06/16/22 08:31

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	1

Work Order No:	
Squo	

Min	777	CS-5 (3')	CS-4 (3')	CS-3 (3')	CS-2 (3')	CS-1 (3')	SW-5 (3')	SW-4 (3')	SW-3 (3')	SW-2 (3')	SW-1 (3')	Sample Identification	lotal Containers	Seals	╀	Received Intact.	SAMPLE RECEIPT	PO#.	Sampler's Name	Project Location	Project Number	Project Name SRO St	Phone 432-813-6823	City, State ZIP Midland, TX 79701	Address 310 W Wa	Company Name Carmona	Project Manager Conner Moehring
	Relinquished by (Signature)	6/15/2022	6/15/2022	6/15/2022	6/15/2022	6/15/2022	6/15/2022	6/15/2022	6/15/2022	6/15/2022	6/15/2022	Date		Yes No Must	No QUA		Temp Blank		ΑT	Eddy Co, NM	1050	SRO State Com #45 (03 28 22)	823	X 79701	310 W Wall St Ste 415	Carmona Resources	oehring
	ignature)	×	×	×	×	×	×	×	×	×	×	Time Soil	Corrected Temperature	Temperature Reading	Correction Factor	Thermometer ID	Yes (Ng) Wetice	lab if	TAT start	Due Date	Routine		<u></u>				
		C	0	C	C	C	0	C	0	C	0	Water c	15) - S	7.7	300	e No	lab if received by 4 30pm	s the day received b	e 24 Hour	ne ✓ Rush	Turn Around	Email jacqui harri	City, State ZIP	Address.	Company Name	Bill to (if different)
12/19/10		Comp 1	Comp 1	Comp 1	Comp 1	Comp 1	Comp 1	Comp 1	Comp 1	Comp 1	Comp 1	Grab/ # of Comp Cont		<u></u>	P	aran			v the	-	Pres.		lacqui harrıs@conocophilips com	P			
18:8 2,	Date/Time	×××	× × ×	× × ×	× ×	× × ×	× × ×	× × ×	× × ×	× × ×	×	TP	H 801	15M	(GR	8021 O + I	ORO	+ MI	RO)				llips com	Loving NM 88256	15 W London Rd	coe	Jacqui Harrıs
	∩ ∩ Received by (Signature)		50-15960 Chain of Custody												но	LD						ANALYSIS REQUEST	Deliverables EDD ADaPT	Reporting Level II Level III Level III Level III	[Program: UST/PST PRP Brow	Work Order Comments
	Date/Time					The state of the s						Sample Comments	NaOH+Ascorbic Acid SAPC	Zn Acetate+NaOH Zn	Na ₂ S ₂ O ₃ NaSO ₃	NaHSO ₄ NABIS	H.BO. HD	H-SOL H- NaOH Na	_		None NO DI Mater: H	Preservative Codes	Other	1/UST ☐RRP ☐ Level IV ☐	[Brownfields RRC Junerfund	Comments

		Pag
Company Name	Project Manager	
Company Name Carmona Resources	Conner Moehring	
Company Name	Bill to (if different)	
	Jacqui Harris	
	Work Order Comments	Page 2 of

Work Order No:
15960
6/17/20

						CS-9 (3')	CS-8 (3')	CS-7 (CS-6 (3')	Sample Identification	Total Containers	Sample Custody Seals	Cooler Custody Seals	Received Intact.	SAMPLE RECEIPT	PO#	Sampler's Name	Project Location	Project Number	Project Name	Phone	City, State ZIP	Address	Company Name	Project Manager	
Relino						3')	3')	(3')	3')	tification		Yes	Yes (Nes				Edo		SRO State C	432-813-6823	Midland, TX 79701	310 W Wall St Ste 415	Carmona Resources	Conner Moehring	
Relinquished by (Signature)						6/15/2022	6/15/2022	6/15/2022	6/15/2022	Date		No Ne 1	°		Temp Blank.		AT	Eddy Co, NM	1050	SRO State Com #45 (03 28 22)		701	Ste 415	ources	ng	
signature)										Time	Corrected 1	emperatu	Correction Factor	Thermometer ID	Yes Myo			_		28 22)						
						×	×	×	×	Soil	Corrected Temperature	Temperature Reading	-actor	er ID	Wet Ice	lab if recei	TAT starts the	Due Date	Routine	Turn	Email					
						Comp	Comp	Comp	Comp	Water Comp	1,3	1.5	j,	200	ର୍ଲ ୧	lab If received by 4 30pm	day received by	24 Hour	✓ Rush	Turn Around	lacqui harris@conocophillips com	City, State ZIP	Address.	Company Name	Bill to (if different)	
4/1						mp 1	mp 1	mp 1	mp 1	ab/ # of mp Cont			Pa		eter		the		Pres.		@conoco	0		ne	큠	
Date/Time						×	×	×	×	# ^		вт	EX	8021	В				a :-		phillips	Lovir	15 V	cog	Jacq	
Time						×	×	×	×	TPI	1 801	5M (GR	0+1	ORO	+ MI	RO)				com	Loving NM 88256	15 W London Rd		Jacqui Harris	
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(Signature)																					S EDD	Reporting Level II Level III PST/UST	oject:	Program: UST/PST		
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		-				1	1	\dashv	1		NaO				ָם ק ה	H.SO. H.	5 5	3	None NO		ADaPT 🗆	ST/UST		wnfield	Work Order Comments	
										Sample Comments	NaOH+Ascorbic Acid SAPC	Zn Acetate+NaOH, Zn	Nasso, Naso,	NaHSO, NARIS	aH 'Ca'H	;	ב מ	3	o l	Preservative Codes	Other	□RRP	i	S R	nents	Page _
Date										e Com	bic Acıc	HOEN 7	Ş	D N	2	2 7	- <u>-</u>	<u> </u>	ا د	vative	Ē			_		R
Date/Time										ments	SAPC	o'			2	NaOH Na	NECO ME	OE M	DI Water: H-O	Codes		Level IV		uperfund		2
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Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-15960-1

SDG Number: Eddy Co, NM

List Source: Eurofins Midland

Login Number: 15960 List Number: 1 Creator: Teel, Brianna

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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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

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

CONDITIONS

Action 133132

CONDITIONS

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	133132
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	9/28/2022