

CARMONA RESOURCES



SITE INFORMATION

Work Plan
Humidor State Unit #2
Eddy County, New Mexico
Unit J Sec 26 T24S R27E
Incident #: nAPP212154572
32.185987°, -104.159249°

Crude Oil Release
Point of Release: Bottom of Tank
Release Date: 08/26/2021
Volume Released: 38 barrels of Oil
Volume Recovered: 0 barrels of Oil

CARMONA RESOURCES



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

Prepared by:
Carmona Resources, LLC
310 West Wall Street
Suite 415
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310 West Wall Street, Suite 415
Midland TX, 79701
432.813.1992



July 18, 2022

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

**Re: Revised Work Plan
Humidor State Unit #2
EOG Resources, Inc
Site Location: Unit J, S26, T24S, R27E
(Lat 32.185987°, Long -104.159249°)
Eddy County, New Mexico**

Mr. Bratcher:

On behalf of EOG Resources Inc. (EOG), Carmona Resource, LLC has prepared this document for site assessment activities at the Humidor State Unit #2. The site is located at 32.185987°, -104.159249° within Unit J S26, T24S, R27E in Eddy County, New Mexico (Figures 1 and 2).

1.0 Site information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on August 26, 2021, caused by a hole release from the bottom of the tank. It resulted in the release of approximately thirty-eight (38) barrels of crude oil, and zero (0) were recovered. The impacted area measured approximately 95' x 48', as shown on Figure 3. 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 located approximately 1.60 miles Northwest of the site in S22, T24S, R27E and was drilled in 1971. The well has a reported depth to groundwater of 70' below ground surface (ft bgs). A copy of the associated Point of Diversion Summary report is attached in Appendix D.

On April 21, 2022, Scarborough Drilling, Inc was onsite to drill a groundwater determination bore to 55' below ground surface and within a 0.50-mile radius of the location. The bore was left open for 72 hours and tagged with a water level meter. No water was detected at 55' below the surface. The coordinates for the groundwater determination bore are 32.186310°, -104.158616. See Appendix D for the driller's log.



3.0 NMAC Regulatory Criteria

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

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH: 2,500 mg/kg (GRO + DRO + MRO).
- TPH: 1,000 mg/kg (GRO + DRO)
- Chloride: 10,000 mg/kg

4.0 Site Assessment Activities

Initial Assessment

On March 17, 2022, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. Before sampling each area, the liner was cut and peeled back to assess underneath. A total of ten (10) sample points were advanced to depths ranging from surface – 4’ bgs inside and surrounding the release area to evaluate the vertical and horizontal extent. See Figure 3 for the soil sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015 modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E. See Table 1 for the analytical results.

Referring to Table 1, the areas of (S-3 and S-4) showed TPH, benzene, total BTEX, and chloride concentrations below the regulatory limits. Horizontal samples were taken (H-1 through H-4) and showed TPH, benzene, total BTEX, and chloride detections below the reporting limits. The area of (S-2) showed a high TPH concentration of 6,630 mg/kg at surface to 1.0’ bgs, then declined with depth. The areas of (S-1, S-5, and S-6) showed high TPH concentrations and were not vertically defined via hand auger.

Trenches

On March 21, 2022, Carmona Resources personnel were on site to vertically define the release via backhoe. Before sampling each area, the liner was cut and peeled back to assess underneath the liner. A total of six (6) trenches (T-1 through T-6) were installed to total depths ranging from surface to 14 ft below the surface. Soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Cardinal Laboratories in Hobbs, New Mexico. The samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA

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method 4500. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E.

The results of the sampling are summarized in Table 1. The areas of T-1 and T-6 were not vertically defined due to the dense layer at 14' below surface. See Figure 3 for the sample locations.

Drilling

On April 21, 2022, Carmona Resources personnel were on site to vertically define the release with the use of an air rotary drilling rig. A total of two (2) boreholes (BH-1 and BH-2) were installed to total depths ranging from surface to 50' below the surface. Soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas. The samples were analyzed for 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 results of the sampling are summarized in Table 1. See Figure 3 for the sample locations.

5.0 Proposed Work Plan

Based on the analytical data and the detected TPH and total BTEX concentrations, EOG proposes to remediate the areas as shown on Figure 4 and highlighted (blue) in Table 1.

- The areas of S-1 (Trench-1/BH-1)) will be excavated to a depth of 15' below the surface and backfilled with clean material to grade.
- The area of S-2 (Trench-2) will be excavated to a depth of 1.5' below the surface and backfilled with clean material to grade.
- The area of S-5 (Trench-5) will be excavated to a depth of 5' below the surface and backfilled with clean material to grade.
- The areas of S-6 (Trench-6/BH-2) will be excavated to a max depth of 25' below the surface and backfilled with clean material to grade. An engineering excavation plan will be completed prior to excavation activities.
- EOG will collect composite sidewall and bottom hole samples every 200 square feet.
- An estimated 1,471 cubic yards to be removed and hauled to the nearest disposal.

Once the site activities and excavation are complete, the areas will be backfilled with clean material to surface grade. The remediation will be implemented 90 days after the work plan is approved.

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Safety Concerns

Impacted soil around oil and gas equipment, structures, or lines will be removed during remediation activities due to the safety concerns for the onsite personnel. In addition, EOG will excavate the impacted soils to the maximum extent possible.

6.0 Conclusions

Upon completion, a final closure report describing the remediation activities will be presented to the New Mexico Oil Conservation Division (NMOCD). If you have any questions regarding this report or need additional information, don't hesitate to contact us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

Mike Carmona
Environmental Manager

Conner Moehring
Sr. Project Manager



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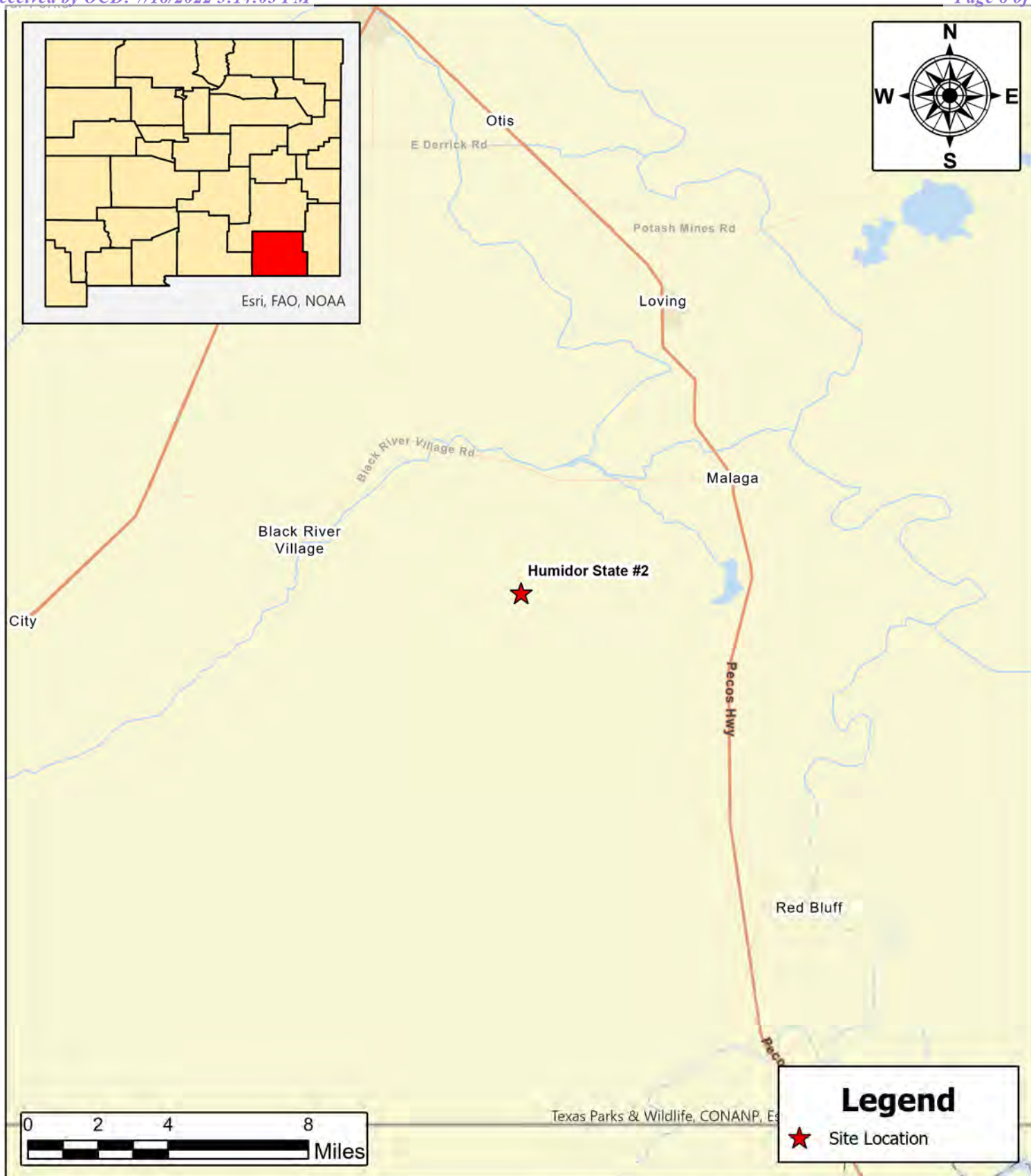
APPENDIX D SITE CHARACTERIZATION AND GROUNDWATER

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FIGURES

CARMONA RESOURCES





SITE LOCATION MAP
EOG RESOURCES
HUMIDOR STATE #2
EDDY COUNTY, NEW MEXICO
32.185987, -104.159249

SCALE: As Shown

Date: 3/24/2022



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NOTES:

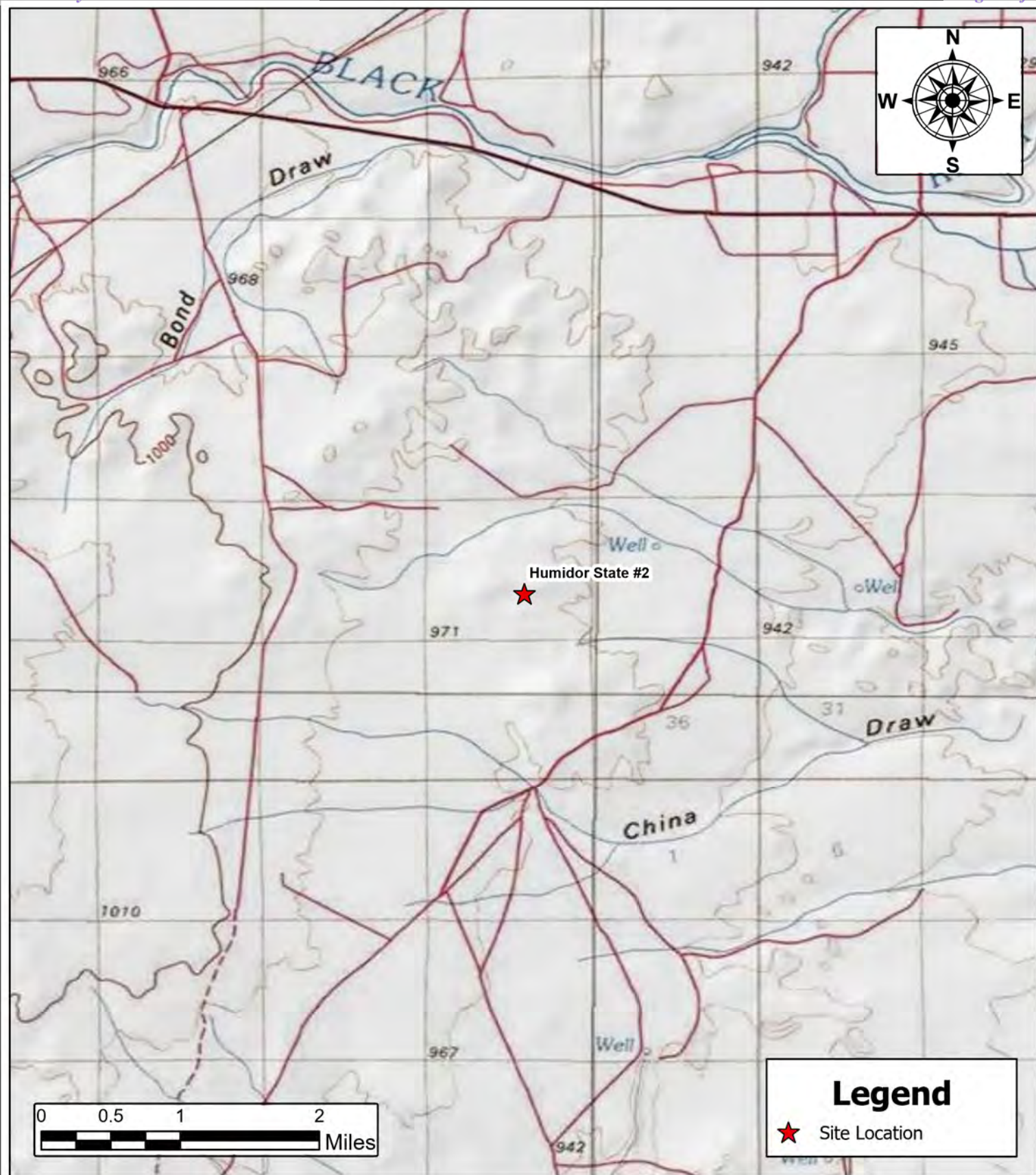
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 1

SHEET NUMBER:

1 of 1



TOPOGRAPHIC MAP
EOG RESOURCES
HUMIDOR STATE #2
EDDY COUNTY, NEW MEXICO
 32.185987, -104.159249

SCALE: As Shown

Date: 3/24/2022



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NOTES:

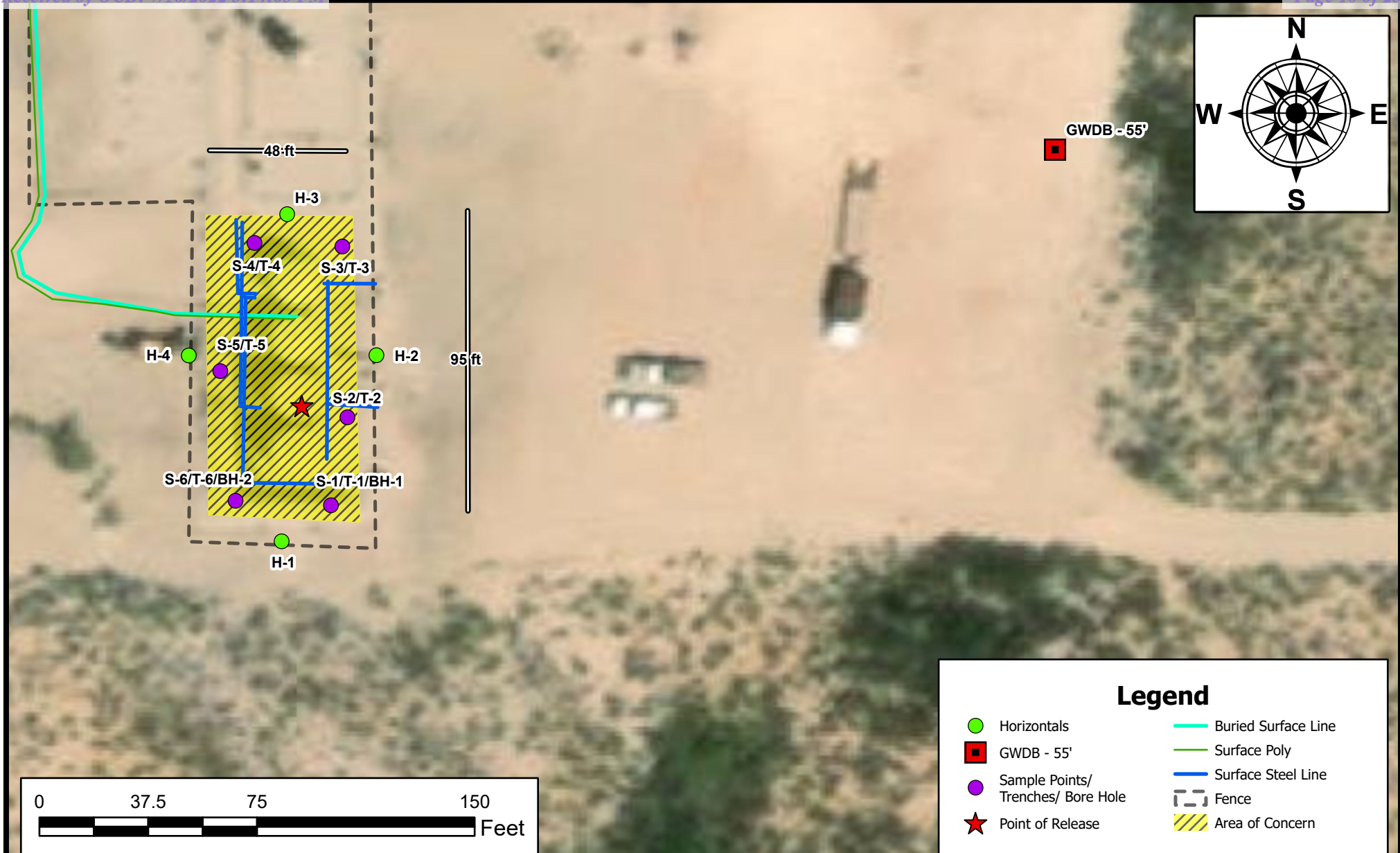
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 2

SHEET NUMBER:

1 of 1



EXCAVATION DEPTH MAP
EOG RESOURCES
 HUMIDOR STATE #2
 EDDY COUNTY, NEW MEXICO
 32.185987 -104.159249

SCALE: As Shown

Date: 5/1/2022

Released to Imaging: 7/26/2022 10:00:20 AM



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NOTES:

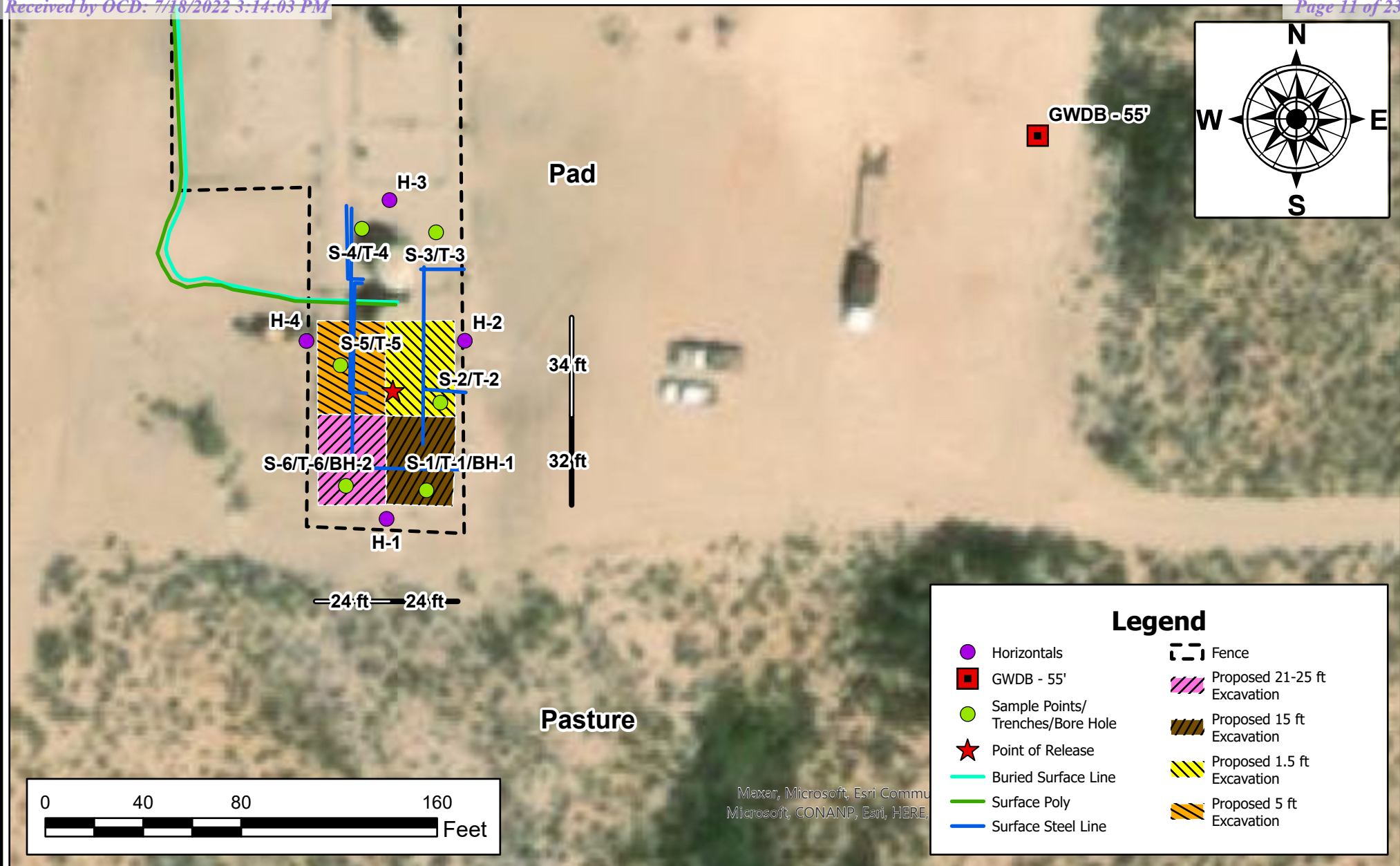
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 3

SHEET NUMBER:

1 of 1



PROPOSED EXCAVATION DEPTH MAP
EOG RESOURCES
 HUMIDOR STATE #2
 EDDY COUNTY, NEW MEXICO
 32.185987 -104.159249



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 Midland, Texas 79701

NOTES:

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 4

SHEET NUMBER:

1 of 1

SCALE: As Shown

Date: 5/1/2022

APPENDIX A

CARMONA RESOURCES



Table 1
EOG
Humidor State #2
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-1	3/17/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.0998	0.423	0.763	25.1	26.3	5.65
	"	1.5	835	977	71.5	1,880	<0.0996	0.298	0.669	18.4	19.4	6.72
	"	2	310	359	<50.0	669	<0.0998	0.389	0.705	21.2	22.3	7.35
	"	3	303	297	<49.9	597	<0.496	8.21	1.71	47.8	57.7	6.27
	"	4	1,170	952	69.0	2,190	<0.500	16.0	3.69	90.8	110	5.60
T-1	3/21/2022	0-1	168	1,370	88.1	1,626	<0.050	0.205	0.935	3.45	4.59	32.0
	"	1	2,870	4,790	289	7,949	<0.200	5.73	2.65	65.9	74.3	16.0
	"	2	37.9	100	<10.0	137.9	<0.050	0.303	0.163	5.24	5.71	<16.0
	"	3	912	656	24.3	1,592	<0.0500	20.8	6.60	117	145	<16.0
	"	4	8,440	6,400	258	15,098	<1.00	50.3	13.9	241	305	16.0
	"	5	6,920	5,550	258	12,728	1.01	51.1	16.0	269	337	32.0
	"	6	<10.0	<10.0	<10.0	<10.0	<0.050	0.145	0.051	0.924	1.12	<16.0
	"	7	2,730	2,360	138	5,228	<0.500	8.16	5.31	89.9	103	<16.0
	"	8	4,260	3,700	170	8,130	<1.00	19.5	8.55	143	171	32.0
	"	9	4,750	4,190	205	9,145	<0.500	25.7	9.70	155	190	<16.0
	"	10	6,320	5,280	250	11,850	0.592	35.0	11.9	184	231	<16.0
	"	11	881	871	36.5	1,789	<0.200	7.38	3.54	61.5	72.4	32.0
	"	12	867	971	51.1	1,889	<0.200	6.76	3.44	57.6	67.8	<16.0
	"	13	432	538	20.2	990	<0.50	2.31	1.36	22.2	25.8	<16.0
	"	14	449	561	26.3	1,036	<0.50	2.05	1.10	18.4	21.6	<16.0
BH-1	4/21/2022	0-1	602	2,170	132	2,900	<0.00199	<0.00199	0.012	0.044	0.0562	5.63
	"	2	682	837	<49.9	1,520	<0.00200	<0.00200	0.024	0.134	0.157	14.3
	"	3	286	483	<50.0	769	<0.00199	<0.00199	0.026	0.165	0.191	8.26
	"	4	1,030	1,100	51.4	2,180	0.303	16.6	5.44	0.0558	22.4	5.97
	"	5	2,680	3,390	234.0	6,300	0.133	24.5	8.34	0.0252	33.0	<4.99
	"	7	101	164	<50.0	265	0.00389	0.294	0.168	3.91	4.04	<4.98
	"	10	101	170	50.7	322	0.0108	0.653	0.291	6.44	7.39	<5.00
	"	15	85	316	<50.0	401	0.00286	0.0589	0.104	0.498	0.664	10.0
	"	16	153	273	<49.8	426	0.00231	0.11	0.167	0.0143	0.521	15.20
	"	17	<49.9	<49.9	<49.9	<49.9	<0.00200	0.0127	0.0165	0.136	0.165	16.20
	"	18	<50.0	<50.0	<50.0	<50.0	<0.00200	0.00327	0.00789	0.0300	0.0411	18.20
	"	19	<50.0	<50.0	<50.0	<50.0	<0.00199	0.00679	0.022	0.164	0.193	5.41
	"	20	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	10.0
	"	25	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<4.98
	"	30	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	5.38
	"	35	73	101	<50.0	174	<0.0401	<0.0401	<0.0401	0.58	0.58	840
	"	40	<50.0	<50.0	<50.0	<50.0	<0.0402	<0.0402	<0.0402	<0.0803	<0.0803	246
	"	45	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	155
	"	50	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	15.4

Table 1
EOG
Humidor State #2
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-2	3/17/2022	0-1	3,480	2,670	206	6,360	<0.00199	<0.00199	<0.00199	0.00415	0.00415	<4.98
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	12.7
T-2	3/21/2022	0-1	<10.0	<10.0	<10.0	<10.0	<0.50	<0.50	<0.50	<0.150	<0.300	<16.0
	"	1	<10.0	<10.0	<10.0	<10.0	<0.50	<0.50	<0.50	<0.150	<0.300	<16.0
	"	2	<10.0	<10.0	<10.0	<10.0	<0.50	<0.50	<0.50	<0.150	<0.300	<16.0
	"	3	<10.0	<10.0	<10.0	<10.0	<0.50	<0.50	<0.50	<0.150	<0.300	16.0
	"	4	<10.0	<10.0	<10.0	<10.0	<0.50	<0.50	<0.50	<0.150	<0.300	<16.0
	"	5	<10.0	<10.0	<10.0	<10.0	<0.50	<0.50	<0.50	<0.150	<0.300	<16.0
S-3	3/17/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	11.0
	"	1.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	0.00735	0.00735	11.5
T-3	3/21/2022	0-1	<10.0	<10.0	<10.0	<10.0	<0.50	<0.50	<0.50	<0.150	<0.300	48.0
	"	1	<10.0	<10.0	<10.0	<10.0	<0.50	<0.50	<0.50	<0.150	<0.300	16.0
	"	2	<10.0	<10.0	<10.0	<10.0	<0.50	<0.50	<0.50	<0.150	<0.300	<16.0
	"	3	<10.0	<10.0	<10.0	<10.0	<0.50	<0.50	<0.50	<0.150	<0.300	32.0
	"	4	<10.0	<10.0	<10.0	<10.0	<0.50	<0.50	<0.50	<0.150	<0.300	32.0
S-4	3/17/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	6.33
	"	1.5	<50.0	<50.0	<50.0	<50.0	<0.00200	0.00837	<0.00200	0.0404	0.0488	10.7
T-4	3/21/2022	0-1	<10.0	<10.0	<10.0	<10.0	<0.50	<0.50	<0.50	<0.150	<0.300	128
	"	1	<10.0	<10.0	<10.0	<10.0	<0.50	<0.50	<0.50	<0.150	<0.300	16.0
	"	2	<10.0	<10.0	<10.0	<10.0	<0.50	<0.50	<0.50	<0.150	<0.300	32.0
	"	3	<10.0	<10.0	<10.0	<10.0	<0.50	<0.50	<0.50	<0.150	<0.300	32.0
	"	4	<10.0	<10.0	<10.0	<10.0	<0.050	0.108	<0.050	0.170	<0.300	64.0
	"	5	<10.0	<10.0	<10.0	<10.0	<0.50	<0.50	<0.50	<0.150	<0.300	48.0
Regulatory Criteria^A			GRO + DRO = 1,000		2,500 mg/kg		10 mg/kg	-	-	-	50 mg/kg	10,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(S) Sample Point

(T) Trench

(H) Horizontal

(BH) Bore Hole

Proposed Excavation

Table 1
EOG
Humidor State #2
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-5	3/17/2022	0-1	2,010	1,420	108	3,540	<0.0996	2.86	0.713	45.5	49.0	16.5
	"	1.5	4,290	2,170	159	6,620	1.88	19.1	11.4	137	169	0.212
T-5	3/21/2022	0-1	922	2,310	128	3,360	<0.050	1.44	<0.050	27.5	29.0	48.0
	"	1	1,430	1,420	108	2,958	0.446	7.88	1.17	75.0	84.5	32.0
	"	2	451	524	27.5	1,002.5	0.381	8.99	1.02	60.7	71.1	48.0
	"	3	2,250	1,600	84.5	3,934.5	<1.00	29.4	3.39	112	145	32.0
	"	4	775	890	54.1	1,719.1	<0.200	7.48	1.86	37.9	47.3	48.0
	"	5	<10.0	<10.0	<10.0	<10.0	<0.050	0.051	<0.050	0.433	0.484	64.0
	"	6	<10.0	<10.0	<10.0	<10.0	<0.50	<0.50	<0.50	<0.150	<0.300	32.0
	"	7	<10.0	<10.0	<10.0	<10.0	<0.50	<0.50	<0.50	<0.150	<0.300	32.0
	"	8	<10.0	<10.0	<10.0	<10.0	<0.50	<0.50	<0.50	<0.150	<0.300	64.0
S-6	3/17/2022	0-1	<50.0	330	<50.0	330	<0.100	<0.100	0.234	1.48	1.71	14.5
	"	1.5	107	134	<49.9	241	0.165	1.41	0.814	13.7	16.1	14.7
T-6	3/21/2022	0-1	196	904	66.5	116.5	0.121	0.718	0.379	12.1	13.3	16.0
	"	1	137	239	28.9	404.9	1.57	1.52	3.08	38.9	45.1	<16.0
	"	2	130	283	24.5	437.5	0.129	0.967	0.369	7.63	9.10	<16.0
	"	3	214	185	24.4	423.4	1.48	11.4	1.91	61.7	76.6	32.0
	"	4	709	1,040	74.3	1,823.3	<0.500	9.44	2.56	47.9	59.9	<16.0
	"	5	5,170	3,100	174	8,444	6.20	127	18.8	308	460	16.0
	"	6	2,400	1,660	103	4,163	3.93	98.6	14.5	226	343	<16.0
	"	7	2,360	1,680	99.8	4,139.8	3.65	88.0	12.9	211	316	32.0
	"	8	1,380	1,330	75.5	2,785.5	0.889	35.1	7.33	115	159	32.0
	"	9	1,240	1,030	55.2	2,325.2	5.61	96.2	14.8	220	337	16.0
	"	10	183	242	14.8	439.8	0.144	2.67	0.892	13.9	17.7	32.0
	"	11	370	406	18.0	794	0.383	8.94	2.18	32.1	43.6	16.0
	"	12	302	257	12.7	571.7	0.361	11.3	2.37	34.6	48.7	<16.0
	"	13	295	382	18.0	695	0.32	8.65	2.25	34.4	45.6	<16.0
	"	14	196	236	10.3	442.3	0.933	20.3	4.05	69.5	94.8	<16.0
BH-2	4/21/2022	0-1	388	508	<50.0	896	<0.0499	5.79	0.711	7.79	14.3	46.5
	"	2	427	450	<49.9	877	<0.0398	3.80	0.598	5.00	9.40	15.9
	"	3	626	466	<49.9	1,090	<0.0399	4.06	0.398	15.5	20.0	7.82
	"	4	584	345	<50.0	929	0.486	10.0	6.61	68.5	85.6	7.68
	"	5	451	343	<50.0	794	<0.200	1.82	4.580	39.3	45.7	9.87
	"	7	730	553	<50.0	1,280	0.214	2.31	4.870	37.0	44.4	12.1
	"	10	779	506	<50.0	1,290	0.608	16.5	7.9700	75.0	101	11.5
	"	15	82	215	<50.0	297	0.00439	0.0357	0.0488	0.123	0.212	57.3
	"	16	53	195	<50.0	248	<0.00199	0.0166	0.0465	0.112	0.175	58.0
	"	17	<49.8	230	<49.8	230	<0.00200	0.00566	0.0158	0.0579	0.0794	68.5
	"	18	604	2,130	153	2,890	<0.201	0.497	1.6900	13.3	15.500	209
	"	19	375	1,120	88.7	1,580	<0.202	<0.202	0.6970	4.67	5.360	319
	"	20	563	1,670	125	2,360	<0.200	0.382	1.1100	10.3	11.800	246
	"	25	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	654
	"	30	<50.0	54.8	<50.0	54.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	753
	"	35	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	732
	"	40	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	280
	"	45	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	286
	"	50	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	13.0
H-1	3/17/2022	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	0.00411	0.00411	30.5
H-2	3/17/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	52.5
H-3	3/17/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	0.0179	0.0179	41.1
H-4	3/17/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00201	0.00203	<0.00201	0.00466	0.00669	38.3
Regulatory Criteria^A			GRO + DRO = 1,000		2,500 mg/kg		10 mg/kg	-	-	-	50 mg/kg	10,000 mg/kg

(-) Not Analyzed

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


TPH- Total Petroleum Hydrocarbons
ft-feet

(S) Sample Point

(T) Trench

(H) Horizontal

(BH) Bore Hole

 Proposed Excavation

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

EOG Resources

Photograph No. 1

Facility: Humidor State Unit #2

County: Eddy County, New Mexico

Description:

View East, Area of Sample Point (1) & Trench 1.



Photograph No. 2

Facility: Humidor State Unit #2

County: Eddy County, New Mexico

Description:

View South, Area of Sample Point (2) & Trench 2.



Photograph No. 3

Facility: Humidor State Unit #2

County: Eddy County, New Mexico

Description:

View Northwest, Area of Sample Point (3) & Trench 3.



PHOTOGRAPHIC LOG

EOG Resources

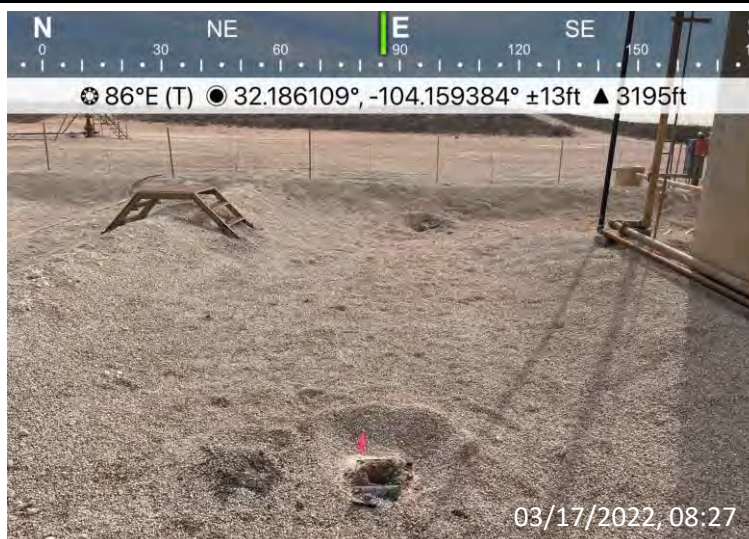
Photograph No. 4

Facility: Humidor State Unit #2

County: Eddy County, New Mexico

Description:

View East, Area of Sample Point (4) & Trench 4.



Photograph No. 5

Facility: Humidor State Unit #2

County: Eddy County, New Mexico

Description:

View Northeast, Area of Sample Point (5) & Trench 5.



Photograph No. 6

Facility: Humidor State Unit #2

County: Eddy County, New Mexico

Description:

View West, Area of Sample Point (6) & Trench 6.



PHOTOGRAPHIC LOG

EOG Resources

Photograph No. 7

Facility: Humidor State Unit #2

County: Eddy County, New Mexico

Description:

View South, area of the frontside of the facility.



Photograph No. 8

Facility: Humidor State Unit #2

County: Eddy County, New Mexico

Description:

View North, area of the backside of the facility.



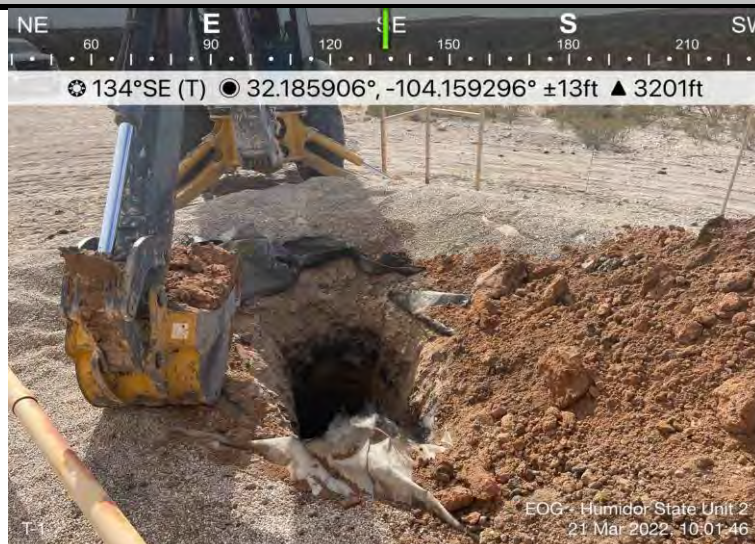
Photograph No. 9

Facility: Humidor State Unit #2

County: Eddy County, New Mexico

Description:

View Southeast, area of Trench (1).



PHOTOGRAPHIC LOG

EOG Resources

Photograph No. 10

Facility: Humidor State Unit #2

County: Eddy County, New Mexico

Description:

View South, area of Trench (2).



Photograph No. 11

Facility: Humidor State Unit #2

County: Eddy County, New Mexico

Description:

View Southwest, area of Trench (3).



Photograph No. 12

Facility: Humidor State Unit #2

County: Eddy County, New Mexico

Description:

View West, area of Trench (4).



PHOTOGRAPHIC LOG

EOG Resources

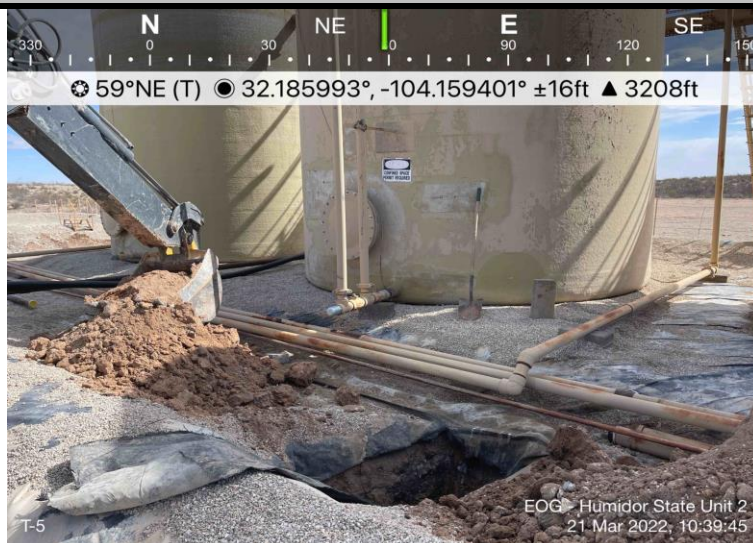
Photograph No. 13

Facility: Humidor State Unit #2

County: Eddy County, New Mexico

Description:

View Northeast, area of Trench (5).



Photograph No. 14

Facility: Humidor State Unit #2

County: Eddy County, New Mexico

Description:

View Northeast, area of Trench (6).



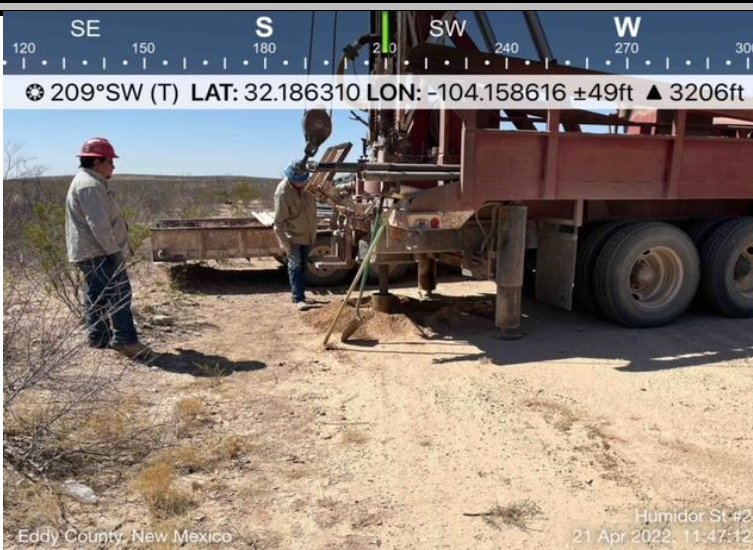
Photograph No. 15

Facility: Humidor State Unit #2

County: Eddy County, New Mexico

Description:

View South, Installation of Groundwater determination bore to 55' establishing site characterization.



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	nAPP2125154572
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party EOG Resources	OGRID 7377
Contact Name Todd Wells	Contact Telephone (432) 686-3613
Contact email Todd_Wells@eogresources.com	Incident # (assigned by OCD) nAPP2125154572
Contact mailing address 5509 Champions Drive Midland, TX 79706	

Location of Release Source

Latitude 32.185987° Longitude -104.159249°
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Humidor State Unit #2 Facility	Site Type Tank Battery Facility
Date Release Discovered 8/26/21	API# (if applicable)

Unit Letter	Section	Township	Range	County
J	26	24S	27E	Eddy

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

Nature and Volume of Release

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

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 38	Volume Recovered (bbls) 0
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: The lease operator arrived on site and noticed oil impacted gravel inside the lined containment. After inspecting and gauging the oil tank, it was calculated that 38 bbls of crude oil was released from the bottom of the tank inside the lined containment and 0 bbls recovered.

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2125154572
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? More than 25 bbls.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Email notification to the OCD Enviro Inbox on 8/27/21.	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why:
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.
Printed Name: <u>Todd Wells</u> Title: <u>Environmental Specialist</u>
Signature: <u>Todd Wells</u> Date: <u>9-8-21</u>
email: <u>Todd_Wells@eogresources.com</u> Telephone: <u>(432) 686-3613</u>
<u>OCD Only</u>
Received by: <u>Ramona Marcus</u> Date: <u>9/12/2021</u>

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?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input type="checkbox"/> 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)?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input type="checkbox"/> 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?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input type="checkbox"/> 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.

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: _____ Title: _____

Signature: Todd Wells Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☐ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: _____ Title: _____

Signature: Todd Wells Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

☒ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral ApprovedSignature: Jennifer Nobui Date: 07/26/2022

From: Todd Wells
Sent: Thursday, December 30, 2021 11:23 AM

Page 28 of 235

To: 'OCD.Enviro@state.nm.us' <OCD.Enviro@state.nm.us>
Subject: RE: EOG - Humidor State Unit #2 - Incident #nAPP2125154572

Good Morning,

This correspondence is to request an extension for the crude oil release at the EOG, Humidor State Unit #2 site, Incident #nAPP2125154572, in Eddy County, New Mexico. The extension request is for additional time to complete the assessment inside the containment around the tanks, and the writing and submittal of the remediation work plan. Please let us know if you have any questions regarding this site.

Thank you,

Todd Wells
Environmental Specialist
Midland Division

 **eog resources**
5509 Champions Drive
Midland, TX 79706
O: (432) 686-3613
C: (432) 312-7736
Todd_Wells@eogresources.com



Conner Moehring <Cmoehring@carmonaresources.com>

To: OCD.Enviro@state.nm.us

Cc: Mike Carmona

Good afternoon,

On behalf of EOG, Carmona Resources will be conducting a liner inspection at the below-referenced site on 03/17/2022 at 8:00 a.m. Mountain Time. Please let me know if you have any questions.

Humidor State #2

Eddy County, New Mexico

Unit J Sec 26 T24S R27E

32.185995°, -104.159249°

Conner R. Moehring

310 West Wall Street, Suite 415

Midland Texas, 79701

M: 432-813-6823

Cmoehring@carmonaresources.com

CARMONA RESOURCES



APPENDIX D

CARMONA RESOURCES



Nearest water well

EOG Resources

Legend

- 0.50 Mile Radius
- 1.60 Miles
- 2.21 Miles
- 2.22 Miles
- NMSEO Water Well
- Humidor State Unit #2
- USGS Water Well



1 mi

Proposed Grounwater Determination Bore

EOG Resources
Humidor State #2
32.185987, -104.159249
Eddy County, New Mexico

Legend

- 0.50 Mile Radius
- Humidor State Unit #2
- Proposed GWDB

Double Tank

Proposed GWDB
Humidor State #2



2000 ft

CARMONA RESOURCES



Project Name :	EOG - Humidor St #2	Date :	Thursday, April 21, 2022
Project No. :	1018	Sampler :	Clint Merritt
Location :	Eddy County, New Mexico	Driller :	Scarborough Drilling
Coordinates :	32.186310°, -104.158616°	Method :	Air Rotary
Elevation :	3,206'		

Depth (ft.)	WL	Soil Description	Lithology	Depth (ft.)	WL	Soil Description	Lithology
0		(0') - Light Brown well graded gravels, with 50% coarse sand, dry, some organics (GW).		50		(50') - Yellowish orange medium gravel, with 50% fine silty sand, dry, no organics (GM).	
5		(5') - Light brown fine well graded silty sand, dry, some organics (SW).		55		(55') - Yellowish orange medium gravel, with 50% fine silty sand, dry, no organics (GM).	
10		(10') - Light brown fine well graded silty sand, dry, some organics (SW).		60			
15		(15') - Light brown well graded gravel, w/ <50% loose, coarse sand and caliche, no organics, dry (GM).		65			
20		(20') - Light brown well graded gravel, w/ <50% loose, coarse sand and caliche, no organics, dry (GM).		70			
25		(25') - Light brown well graded gravel, w/ <50% loose, coarse sand and caliche, no organics, dry (GM).		75			
30		(30') - Yellowish orange medium gravel, with 50% fine silty sand, dry, no organics (GM).		80			
35		(35') - Yellowish orange medium gravel, with 50% fine silty sand, dry, no organics (GM).		85			
40		(40') - Yellowish orange medium gravel, with 50% fine silty sand, dry, no organics (GM).		90			
45		(45') - Yellowish orange medium gravel, with 50% fine silty sand, dry, no organics (GM).		95			
50				105			



Comments : Boring terminated at 55' at 12:00 Central Time with no presence of groundwater or moisture.

04/25/2022 no presence of groundwater was detected.

MEDIUM KARST

EOG Resources

Legend

-  Humidor State Unit #2
-  Medium

Humidor State Unit #2 

774



4000 ft



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Code	Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
C 00342	C	CUB	ED	4	1	13	24S	27E		580432	3565080*	2565		
C 00347		CUB	ED	1	1	13	24S	27E		580010	3565479*	60	30	30
C 00364	C	CUB	ED	1	2	09	24S	27E		575997	3567043*	2270		
C 00516		CUB	ED	1	3	4	08	24S	27E	574288	3565901*	105	36	69
C 00516 CLW201016	O	CUB	ED	1	3	4	08	24S	27E	574288	3565901*	62		
C 00516 CLW308590	O	CUB	ED	1	3	4	08	24S	27E	574288	3565901*	105	36	69
C 00516 POD10		CUB	ED	3	4	3	08	24S	27E	573875	3565722	160	45	115
C 00516 POD6		CUB	ED	1	4	3	08	24S	27E	573885	3565895*	78	17	61
C 00516 S		CUB	ED	1	3	4	08	24S	27E	574288	3565901	50	17	33
C 00631	C	ED		3	3	4	08	24S	27E	574288	3565701*	50	24	26
C 00683	C	ED		4	3	08	24S	27E		573986	3565796*	50	17	33
C 00821	C	ED		3	2	09	24S	27E		575996	3566635*	97	50	47
C 00850	C	ED		2	3	09	24S	27E		575595	3566223*	108	35	73
C 00929	C	ED		3	3	18	24S	27E		572013	3564159*	54	33	21
C 01169	C	ED		1	4	3	18	24S	27E	572282	3564261*	55	35	20
C 01187	C	ED		4	3	08	24S	27E		573986	3565796*	108	17	91
C 01366		CUB	ED		4	08	24S	27E		574590	3566003*	60	35	25
C 01452	C	ED					22	24S	27E	577435	3563175*	95	70	25
C 01721	C	ED			1	25	24S	27E		580271	3562033*	170		
C 01841	C	ED			1	29	24S	27E		573806	3561953*	150		
C 01943	C	ED			1	13	24S	27E		580221	3565275*	30	25	5
C 02976	C	ED		4	2	3	12	24S	27E	580519	3566195*	57	27	30
C 03037	C	ED		4	3	4	12	24S	27E	580930	3565795*	116	25	91
C 03092	C	ED		4	3	1	08	24S	27E	573678	3566501*	54	37	17
C 03145	C	ED		3	1	4	13	24S	27E	580749	3564579*	103	40	63
C 03147	C	ED		3	3	3	12	24S	27E	579885	3565715	140		

*UTM location was derived from PLSS - see Help









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

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

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

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

(In feet)

POD Number	POD		Q Q Q							X	Y	Depth Well	Depth Water	Water Column	
	Sub-Code	basin	County	64	16	4	Sec	Tws	Rng						
C 03260 POD1	C	ED	3	3	3	12	24S	27E	579995	3565935		80	56	24	
C 03260 POD2	O	C	ED	1	3	3	12	24S	27E	580100	3565984		80	56	24
C 03489 POD1	CUB	ED	2	4	3	08	24S	27E	574153	3565939		200			
C 03490 POD1	CUB	ED	3	4	3	08	24S	27E	573812	3565709		140	23	117	
C 03560 POD1	C	ED	2	3	3	18	24S	27E	572009	3564150		68	28	40	
C 03740 POD1	C	ED	4	4	4	12	24S	27E	581283	3565795		340			
C 04147 POD1	CUB	ED	4	1	3	24	24S	27E	580101	3562969		35			
C 04360 POD1	C	ED	3	3	3	18	24S	27E	571910	3564085		72	40	32	

Average Depth to Water: **34 feet**

Minimum Depth: **17 feet**

Maximum Depth: **70 feet**

Record Count: 34

PLSS Search:

Township: 24S

Range: 27E

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.

3/15/22 1:01 PM

Page 2 of 2

WATER COLUMN/ AVERAGE
DEPTH TO WATER



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	Tw	Rng	X	Y
	C 01452		22	24S	27E	577435	3563175*
Driller License: 30		Driller Company: BARRON, EMMETT					
Driller Name: BARRON, EMMETT							
Drill Start Date: 07/21/1971		Drill Finish Date: 07/23/1971		Plug Date:			
Log File Date: 08/02/1971		PCW Rev Date:		Source: Shallow			
Pump Type:		Pipe Discharge Size:		Estimated Yield:			
Casing Size: 7.00		Depth Well: 95 feet		Depth Water: 70 feet			
Water Bearing Stratifications:		Top Bottom Description					
		60 70 Sandstone/Gravel/Conglomerate					

*UTM location was derived from PLSS - see Help

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



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)							
		(quarters are smallest to largest)				(NAD83 UTM in meters)			
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
C	03145	3	1	4	13	24S	27E	580749	3564579*

Driller License: 1348 **Driller Company:** TAYLOR WATER WELL SERVICE

Driller Name:

Drill Start Date: 03/03/2005 **Drill Finish Date:** 03/04/2005 **Plug Date:**

Log File Date: 03/21/2005 **PCW Rev Date:** **Source:** Shallow

Pump Type: **Pipe Discharge Size:** **Estimated Yield:** 60 GPM

Casing Size: 6.63 **Depth Well:** 103 feet **Depth Water:** 40 feet

Water Bearing Stratifications:	Top	Bottom	Description
	35	55	Sandstone/Gravel/Conglomerate
	96	98	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	55	75
	95	103

*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.

3/15/22 8:10 AM

POINT OF DIVERSION SUMMARY




USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category: Geographic Area:

Click to hide News Bulletins

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

Groundwater levels for New Mexico

Click to hide state-specific text

 Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 321110104071701

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 321110104071701 24S.28E.30.413242

Eddy County, New Mexico

Latitude 32°11'10", Longitude 104°07'17" NAD27

Land-surface elevation 3,055 feet above NAVD88

The depth of the well is 201 feet below land surface.

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

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

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measur
1983-01-31			D 62610		2989.68	NGVD29	1		Z	
1983-01-31			D 62611		2991.29	NAVD88	1		Z	
1983-01-31			D 72019	63.71			1		Z	
1988-02-10			D 62610		2991.52	NGVD29	1		Z	
1988-02-10			D 62611		2993.13	NAVD88	1		Z	
1988-02-10			D 72019	61.87			1		Z	
1992-11-04			D 62610		2990.33	NGVD29	1		S	
1992-11-04			D 62611		2991.94	NAVD88	1		S	
1992-11-04			D 72019	63.06			1		S	
1998-01-23			D 62610		2988.93	NGVD29	1		S	
1998-01-23			D 62611		2990.54	NAVD88	1		S	
1998-01-23			D 72019	64.46			1		S	

Explanation

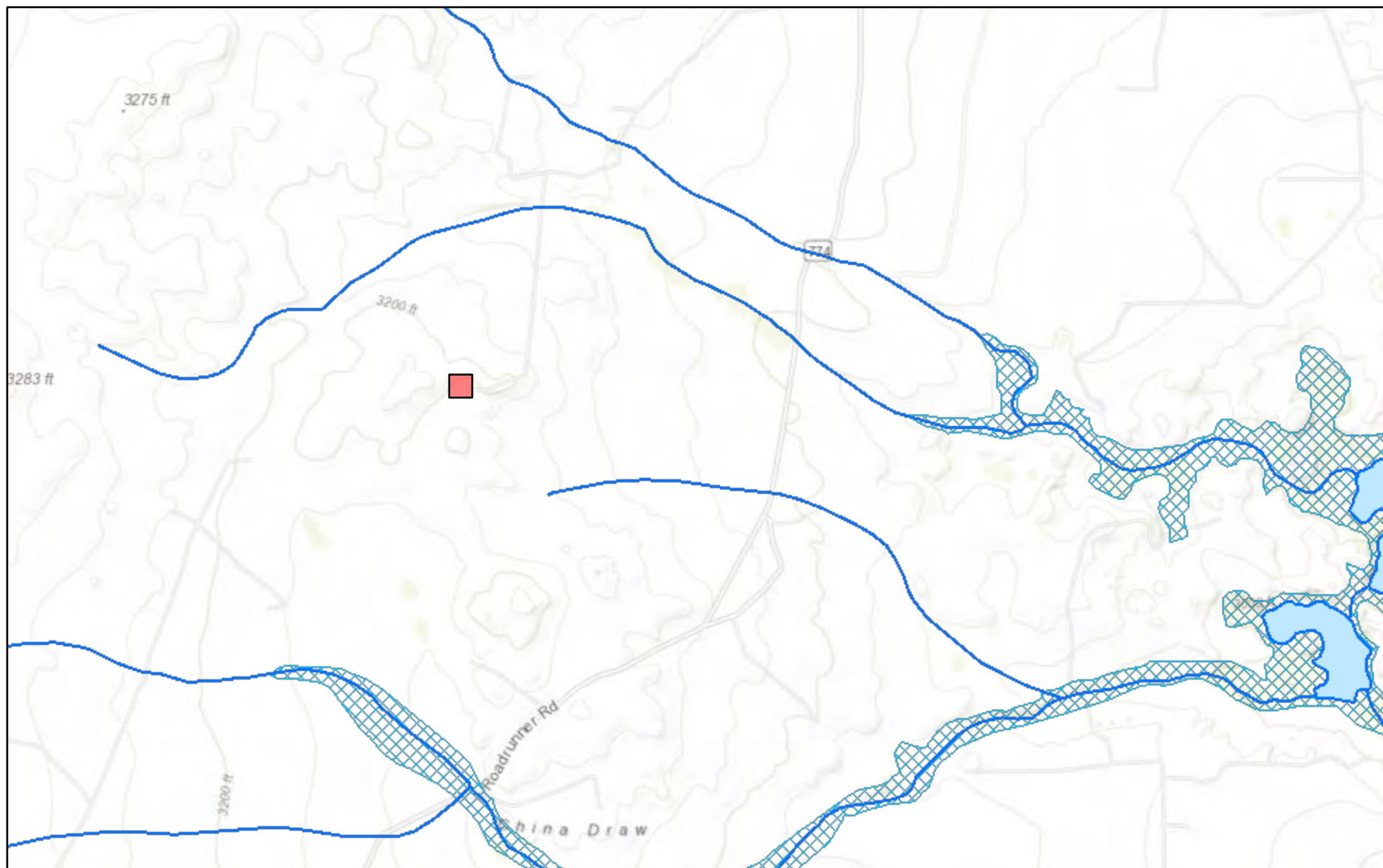
Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	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	A	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.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?](https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?site_no=321110104071701&agency_cd=USGS&format=html)**Page Contact Information: [New Mexico Water Data Maintainer](#)

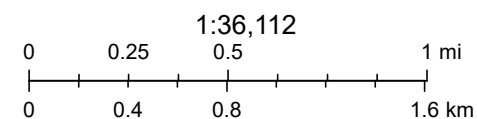
Page Last Modified: 2022-03-15 14:13:42 EDT

0.28 0.25 nadww02

New Mexico NFHL Data



March 15, 2022



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

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APPENDIX E

CARMONA RESOURCES





Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-12542-1

Laboratory Sample Delivery Group: Eddy Co, NM
Client Project/Site: Humoior State Unit #2

For:

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

Attn: Conner Moehring

A handwritten signature in black ink that reads "Jessica Kramer".

Authorized for release by:
3/21/2022 12:48:04 PM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:

www.eurofinsus.com/Env

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.

Client: Carmona Resources
Project/Site: Humoior State Unit #2

Laboratory Job ID: 880-12542-1
SDG: Eddy Co, NM

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Humoior State Unit #2

Job ID: 880-12542-1
SDG: Eddy Co, NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

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, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	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)

Eurofins Midland

Definitions/Glossary

Client: Carmona Resources
Project/Site: Humoiidor State Unit #2

Job ID: 880-12542-1
SDG: Eddy Co, NM

Glossary (Continued)

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

1
2
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Case Narrative

Client: Carmona Resources
Project/Site: Humoiidor State Unit #2

Job ID: 880-12542-1
SDG: Eddy Co, NM

Job ID: 880-12542-1**Laboratory: Eurofins Midland****Narrative****Job Narrative
880-12542-1****Receipt**

The samples were received on 3/17/2022 1:11 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 4.4°C

GC VOA

Method 8021B: The following samples were diluted due to the nature of the sample matrix: S-1 (3') (880-12542-4) and S-1 (4') (880-12542-5) at 250.0 and 250.0. Elevated reporting limits (RLs) are provided.

Method 8021B: The native sample, matrix spike, and matrix spike duplicate (MS/MSD) associated with preparation batch 880-21732 and analytical batch 880-21846 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of Toluene, Ethylbenzene, m,p-Xylenes, o-Xylene and Xylenes, Total in the MS/MSD was above the instrument calibration range. The data have been reported and qualified.

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 matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-21819 and analytical batch 880-21766 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: S-1 (1.5') (880-12542-2), S-2 (0-1') (880-12542-6), S-5 (0-1') (880-12542-12), S-5 (1.5') (880-12542-13) and (MB 880-21819/1-A). Evidence of matrix interferences is not obvious.

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike (MS) recoveries for preparation batch 880-21857 and analytical batch 880-21931 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

Client Sample Results

Client: Carmona Resources
Project/Site: Humoiidor State Unit #2

Job ID: 880-12542-1
SDG: Eddy Co, NM

Client Sample ID: S-1 (0-1')

Lab Sample ID: 880-12542-1

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0998	U	0.0998		mg/Kg		03/17/22 13:30	03/18/22 02:37	50
Toluene	0.423		0.0998		mg/Kg		03/17/22 13:30	03/18/22 02:37	50
Ethylbenzene	0.763		0.0998		mg/Kg		03/17/22 13:30	03/18/22 02:37	50
m-Xylene & p-Xylene	17.9		0.200		mg/Kg		03/17/22 13:30	03/18/22 02:37	50
o-Xylene	7.18		0.0998		mg/Kg		03/17/22 13:30	03/18/22 02:37	50
Xylenes, Total	25.1		0.200		mg/Kg		03/17/22 13:30	03/18/22 02:37	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	03/17/22 13:30	03/18/22 02:37	50
1,4-Difluorobenzene (Surr)	85		70 - 130	03/17/22 13:30	03/18/22 02:37	50

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	26.3		0.200		mg/Kg			03/18/22 13:17	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			03/18/22 12:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		03/17/22 13:46	03/17/22 21:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/17/22 13:46	03/17/22 21:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/17/22 13:46	03/17/22 21:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				03/17/22 13:46	03/17/22 21:05	1
o-Terphenyl	108		70 - 130				03/17/22 13:46	03/17/22 21:05	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.65		5.00		mg/Kg			03/20/22 14:39	1

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-12542-2

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0996	U	0.0996		mg/Kg		03/17/22 13:30	03/18/22 02:57	50
Toluene	0.298		0.0996		mg/Kg		03/17/22 13:30	03/18/22 02:57	50
Ethylbenzene	0.669		0.0996		mg/Kg		03/17/22 13:30	03/18/22 02:57	50
m-Xylene & p-Xylene	13.7		0.199		mg/Kg		03/17/22 13:30	03/18/22 02:57	50
o-Xylene	4.72		0.0996		mg/Kg		03/17/22 13:30	03/18/22 02:57	50
Xylenes, Total	18.4		0.199		mg/Kg		03/17/22 13:30	03/18/22 02:57	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	03/17/22 13:30	03/18/22 02:57	50
1,4-Difluorobenzene (Surr)	83		70 - 130	03/17/22 13:30	03/18/22 02:57	50

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Humoidor State Unit #2

Job ID: 880-12542-1
SDG: Eddy Co, NM

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-12542-2

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	19.4		0.199		mg/Kg			03/18/22 13:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1880		49.9		mg/Kg			03/18/22 12:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	835	*1	49.9		mg/Kg		03/17/22 13:46	03/17/22 22:06	1
Diesel Range Organics (Over C10-C28)	977		49.9		mg/Kg		03/17/22 13:46	03/17/22 22:06	1
Oil Range Organics (Over C28-C36)	71.5		49.9		mg/Kg		03/17/22 13:46	03/17/22 22:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	133	S1+	70 - 130				03/17/22 13:46	03/17/22 22:06	1
o-Terphenyl	113		70 - 130				03/17/22 13:46	03/17/22 22:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.72		4.98		mg/Kg			03/20/22 15:10	1

Client Sample ID: S-1 (2')

Lab Sample ID: 880-12542-3

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0998	U	0.0998		mg/Kg		03/17/22 13:30	03/18/22 03:18	50
Toluene	0.389		0.0998		mg/Kg		03/17/22 13:30	03/18/22 03:18	50
Ethylbenzene	0.705		0.0998		mg/Kg		03/17/22 13:30	03/18/22 03:18	50
m-Xylene & p-Xylene	16.4		0.200		mg/Kg		03/17/22 13:30	03/18/22 03:18	50
o-Xylene	4.79		0.0998		mg/Kg		03/17/22 13:30	03/18/22 03:18	50
Xylenes, Total	21.2		0.200		mg/Kg		03/17/22 13:30	03/18/22 03:18	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				03/17/22 13:30	03/18/22 03:18	50
1,4-Difluorobenzene (Surr)	79		70 - 130				03/17/22 13:30	03/18/22 03:18	50

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	22.3		0.200		mg/Kg			03/18/22 13:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	669		50.0		mg/Kg			03/18/22 12:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	310	*1	50.0		mg/Kg		03/17/22 13:46	03/17/22 22:26	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Humoidor State Unit #2

Job ID: 880-12542-1
SDG: Eddy Co, NM

Client Sample ID: S-1 (2')

Lab Sample ID: 880-12542-3

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	359		50.0		mg/Kg		03/17/22 13:46	03/17/22 22:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/17/22 13:46	03/17/22 22:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130				03/17/22 13:46	03/17/22 22:26	1
o-Terphenyl	115		70 - 130				03/17/22 13:46	03/17/22 22:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.35		5.03		mg/Kg			03/20/22 15:20	1

Client Sample ID: S-1 (3')

Lab Sample ID: 880-12542-4

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.496	U	0.496		mg/Kg		03/17/22 17:39	03/18/22 11:05	250
Toluene	8.21		0.496		mg/Kg		03/17/22 17:39	03/18/22 11:05	250
Ethylbenzene	1.71		0.496		mg/Kg		03/17/22 17:39	03/18/22 11:05	250
m-Xylene & p-Xylene	38.9		0.992		mg/Kg		03/17/22 17:39	03/18/22 11:05	250
o-Xylene	8.86		0.496		mg/Kg		03/17/22 17:39	03/18/22 11:05	250
Xylenes, Total	47.8		0.992		mg/Kg		03/17/22 17:39	03/18/22 11:05	250
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				03/17/22 17:39	03/18/22 11:05	250
1,4-Difluorobenzene (Surr)	107		70 - 130				03/17/22 17:39	03/18/22 11:05	250

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	57.7		0.992		mg/Kg			03/18/22 13:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	597		49.9		mg/Kg			03/18/22 12:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	303	*1	49.9		mg/Kg		03/17/22 13:46	03/17/22 22:46	1
Diesel Range Organics (Over C10-C28)	294		49.9		mg/Kg		03/17/22 13:46	03/17/22 22:46	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/17/22 13:46	03/17/22 22:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130				03/17/22 13:46	03/17/22 22:46	1
o-Terphenyl	117		70 - 130				03/17/22 13:46	03/17/22 22:46	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.27		5.00		mg/Kg			03/20/22 15:30	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Humoidor State Unit #2

Job ID: 880-12542-1
SDG: Eddy Co, NM

Client Sample ID: S-1 (4')

Lab Sample ID: 880-12542-5

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.500	U	0.500		mg/Kg		03/17/22 17:39	03/18/22 11:26	250
Toluene	16.0		0.500		mg/Kg		03/17/22 17:39	03/18/22 11:26	250
Ethylbenzene	3.69		0.500		mg/Kg		03/17/22 17:39	03/18/22 11:26	250
m-Xylene & p-Xylene	74.1		1.00		mg/Kg		03/17/22 17:39	03/18/22 11:26	250
o-Xylene	16.7		0.500		mg/Kg		03/17/22 17:39	03/18/22 11:26	250
Xylenes, Total	90.8		1.00		mg/Kg		03/17/22 17:39	03/18/22 11:26	250

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	03/17/22 17:39	03/18/22 11:26	250
1,4-Difluorobenzene (Surr)	108		70 - 130	03/17/22 17:39	03/18/22 11:26	250

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	110		1.00		mg/Kg			03/18/22 13:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2190		50.0		mg/Kg			03/18/22 12:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	1170	*1	50.0		mg/Kg		03/17/22 13:46	03/17/22 23:06	1
Diesel Range Organics (Over C10-C28)	952		50.0		mg/Kg		03/17/22 13:46	03/17/22 23:06	1
Oil Range Organics (Over C28-C36)	69.0		50.0		mg/Kg		03/17/22 13:46	03/17/22 23:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	128		70 - 130	03/17/22 13:46	03/17/22 23:06	1
o-Terphenyl	109		70 - 130	03/17/22 13:46	03/17/22 23:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.60		4.96		mg/Kg			03/20/22 15:41	1

Client Sample ID: S-2 (0-1')

Lab Sample ID: 880-12542-6

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U F1	0.00199		mg/Kg		03/17/22 13:30	03/18/22 00:55	1
Toluene	<0.00199	U F1	0.00199		mg/Kg		03/17/22 13:30	03/18/22 00:55	1
Ethylbenzene	<0.00199	U F1	0.00199		mg/Kg		03/17/22 13:30	03/18/22 00:55	1
m-Xylene & p-Xylene	0.00415	F1	0.00398		mg/Kg		03/17/22 13:30	03/18/22 00:55	1
o-Xylene	<0.00199	U F1	0.00199		mg/Kg		03/17/22 13:30	03/18/22 00:55	1
Xylenes, Total	0.00415	F1	0.00398		mg/Kg		03/17/22 13:30	03/18/22 00:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	03/17/22 13:30	03/18/22 00:55	1
1,4-Difluorobenzene (Surr)	102		70 - 130	03/17/22 13:30	03/18/22 00:55	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Humoidor State Unit #2

Job ID: 880-12542-1
SDG: Eddy Co, NM

Client Sample ID: S-2 (0-1')

Lab Sample ID: 880-12542-6

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00415		0.00398		mg/Kg			03/18/22 13:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	6360		50.0		mg/Kg			03/18/22 12:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	3480	*1 F1	50.0		mg/Kg		03/17/22 13:46	03/17/22 23:27	1
Diesel Range Organics (Over C10-C28)	2670	F1	50.0		mg/Kg		03/17/22 13:46	03/17/22 23:27	1
Oil Range Organics (Over C28-C36)	206		50.0		mg/Kg		03/17/22 13:46	03/17/22 23:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	165	S1+	70 - 130				03/17/22 13:46	03/17/22 23:27	1
o-Terphenyl	112		70 - 130				03/17/22 13:46	03/17/22 23:27	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			03/20/22 15:51	1

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-12542-7

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/17/22 13:30	03/18/22 01:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/17/22 13:30	03/18/22 01:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/17/22 13:30	03/18/22 01:15	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/17/22 13:30	03/18/22 01:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/17/22 13:30	03/18/22 01:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/17/22 13:30	03/18/22 01:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				03/17/22 13:30	03/18/22 01:15	1
1,4-Difluorobenzene (Surr)	96		70 - 130				03/17/22 13:30	03/18/22 01:15	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			03/18/22 13:17	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			03/18/22 12:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		03/17/22 13:46	03/17/22 23:47	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Humoidor State Unit #2

Job ID: 880-12542-1
SDG: Eddy Co, NM

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-12542-7

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/17/22 13:46	03/17/22 23:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/17/22 13:46	03/17/22 23:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				03/17/22 13:46	03/17/22 23:47	1
o-Terphenyl	108		70 - 130				03/17/22 13:46	03/17/22 23:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.7		4.98		mg/Kg			03/20/22 16:01	1

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

Lab Sample ID: 880-12542-8

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

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		03/17/22 13:30	03/18/22 01:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/17/22 13:30	03/18/22 01:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/17/22 13:30	03/18/22 01:36	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/17/22 13:30	03/18/22 01:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/17/22 13:30	03/18/22 01:36	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/17/22 13:30	03/18/22 01:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				03/17/22 13:30	03/18/22 01:36	1
1,4-Difluorobenzene (Surr)	94		70 - 130				03/17/22 13:30	03/18/22 01:36	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			03/18/22 13:17	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			03/18/22 12:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		03/17/22 13:46	03/18/22 00:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/17/22 13:46	03/18/22 00:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/17/22 13:46	03/18/22 00:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				03/17/22 13:46	03/18/22 00:07	1
o-Terphenyl	105		70 - 130				03/17/22 13:46	03/18/22 00:07	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.0		4.96		mg/Kg			03/20/22 16:32	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Humoiidor State Unit #2

Job ID: 880-12542-1
SDG: Eddy Co, NM

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-12542-9

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

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		03/17/22 13:30	03/18/22 01:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/17/22 13:30	03/18/22 01:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/17/22 13:30	03/18/22 01:56	1
m-Xylene & p-Xylene	0.00735		0.00399		mg/Kg		03/17/22 13:30	03/18/22 01:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/17/22 13:30	03/18/22 01:56	1
Xylenes, Total	0.00735		0.00399		mg/Kg		03/17/22 13:30	03/18/22 01:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	03/17/22 13:30	03/18/22 01:56	1
1,4-Difluorobenzene (Surr)	112		70 - 130	03/17/22 13:30	03/18/22 01:56	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00735		0.00399		mg/Kg			03/18/22 13:17	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			03/18/22 12:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		03/17/22 13:46	03/18/22 00:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/17/22 13:46	03/18/22 00:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/17/22 13:46	03/18/22 00:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				03/17/22 13:46	03/18/22 00:27	1
o-Terphenyl	116		70 - 130				03/17/22 13:46	03/18/22 00:27	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.5		5.00		mg/Kg			03/20/22 16:43	1

Client Sample ID: S-4 (0-1')

Lab Sample ID: 880-12542-10

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/17/22 13:30	03/18/22 02:16	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/17/22 13:30	03/18/22 02:16	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/17/22 13:30	03/18/22 02:16	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/17/22 13:30	03/18/22 02:16	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/17/22 13:30	03/18/22 02:16	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/17/22 13:30	03/18/22 02:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	03/17/22 13:30	03/18/22 02:16	1
1,4-Difluorobenzene (Surr)	91		70 - 130	03/17/22 13:30	03/18/22 02:16	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Humoidor State Unit #2

Job ID: 880-12542-1
SDG: Eddy Co, NM

Client Sample ID: S-4 (0-1')

Lab Sample ID: 880-12542-10

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

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			03/18/22 13:17	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			03/18/22 12:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		03/17/22 13:46	03/18/22 00:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/17/22 13:46	03/18/22 00:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/17/22 13:46	03/18/22 00:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				03/17/22 13:46	03/18/22 00:48	1
o-Terphenyl	109		70 - 130				03/17/22 13:46	03/18/22 00:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.33		5.05		mg/Kg			03/20/22 17:14	1

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-12542-11

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

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		03/17/22 13:30	03/18/22 05:48	1
Toluene	0.00837		0.00200		mg/Kg		03/17/22 13:30	03/18/22 05:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/17/22 13:30	03/18/22 05:48	1
m-Xylene & p-Xylene	0.0336		0.00399		mg/Kg		03/17/22 13:30	03/18/22 05:48	1
o-Xylene	0.00681		0.00200		mg/Kg		03/17/22 13:30	03/18/22 05:48	1
Xylenes, Total	0.0404		0.00399		mg/Kg		03/17/22 13:30	03/18/22 05:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				03/17/22 13:30	03/18/22 05:48	1
1,4-Difluorobenzene (Surr)	92		70 - 130				03/17/22 13:30	03/18/22 05:48	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0488		0.00399		mg/Kg			03/18/22 13:17	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			03/18/22 12:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		03/17/22 13:46	03/18/22 01:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/17/22 13:46	03/18/22 01:28	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Humoidor State Unit #2

Job ID: 880-12542-1
SDG: Eddy Co, NM

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-12542-11

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/17/22 13:46	03/18/22 01:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				03/17/22 13:46	03/18/22 01:28	1
o-Terphenyl	110		70 - 130				03/17/22 13:46	03/18/22 01:28	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.7		5.02		mg/Kg			03/20/22 17:24	1

Client Sample ID: S-5 (0-1')

Lab Sample ID: 880-12542-12

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0996	U	0.0996		mg/Kg		03/17/22 13:30	03/18/22 08:11	50
Toluene	2.86		0.0996		mg/Kg		03/17/22 13:30	03/18/22 08:11	50
Ethylbenzene	0.713		0.0996		mg/Kg		03/17/22 13:30	03/18/22 08:11	50
m-Xylene & p-Xylene	35.8		0.199		mg/Kg		03/17/22 13:30	03/18/22 08:11	50
o-Xylene	9.66		0.0996		mg/Kg		03/17/22 13:30	03/18/22 08:11	50
Xylenes, Total	45.5		0.199		mg/Kg		03/17/22 13:30	03/18/22 08:11	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	70		70 - 130				03/17/22 13:30	03/18/22 08:11	50
1,4-Difluorobenzene (Surr)	53	S1-	70 - 130				03/17/22 13:30	03/18/22 08:11	50

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	49.0		0.199		mg/Kg			03/18/22 13:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	3540		50.0		mg/Kg			03/18/22 12:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	2010	*1	50.0		mg/Kg		03/17/22 13:46	03/18/22 01:49	1
Diesel Range Organics (Over C10-C28)	1420		50.0		mg/Kg		03/17/22 13:46	03/18/22 01:49	1
Oil Range Organics (Over C28-C36)	108		50.0		mg/Kg		03/17/22 13:46	03/18/22 01:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	157	S1+	70 - 130				03/17/22 13:46	03/18/22 01:49	1
o-Terphenyl	132	S1+	70 - 130				03/17/22 13:46	03/18/22 01:49	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.5		5.00		mg/Kg			03/20/22 17:35	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Humoidor State Unit #2

Job ID: 880-12542-1
SDG: Eddy Co, NM

Client Sample ID: S-5 (1.5')

Lab Sample ID: 880-12542-13

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.88		0.505		mg/Kg		03/18/22 11:30	03/18/22 15:47	250
Toluene	19.1		0.505		mg/Kg		03/18/22 11:30	03/18/22 15:47	250
Ethylbenzene	11.4		0.505		mg/Kg		03/18/22 11:30	03/18/22 15:47	250
m-Xylene & p-Xylene	113		1.01		mg/Kg		03/18/22 11:30	03/18/22 15:47	250
o-Xylene	23.7		0.505		mg/Kg		03/18/22 11:30	03/18/22 15:47	250
Xylenes, Total	137		1.01		mg/Kg		03/18/22 11:30	03/18/22 15:47	250

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	157	S1+	70 - 130	03/18/22 11:30	03/18/22 15:47	250
1,4-Difluorobenzene (Surr)	118		70 - 130	03/18/22 11:30	03/18/22 15:47	250

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	169		1.01		mg/Kg			03/18/22 13:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	6620		50.0		mg/Kg			03/18/22 12:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	4290	*1	50.0		mg/Kg		03/17/22 13:46	03/18/22 02:09	1
Diesel Range Organics (Over C10-C28)	2170		50.0		mg/Kg		03/17/22 13:46	03/18/22 02:09	1
Oil Range Organics (Over C28-C36)	159		50.0		mg/Kg		03/17/22 13:46	03/18/22 02:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	162	S1+	70 - 130	03/17/22 13:46	03/18/22 02:09	1
o-Terphenyl	112		70 - 130	03/17/22 13:46	03/18/22 02:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.212		0.0501		mg/Kg			03/20/22 17:45	1

Client Sample ID: S-6 (0-1')

Lab Sample ID: 880-12542-14

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.100	U	0.100		mg/Kg		03/17/22 13:30	03/18/22 07:30	50
Toluene	<0.100	U	0.100		mg/Kg		03/17/22 13:30	03/18/22 07:30	50
Ethylbenzene	0.234		0.100		mg/Kg		03/17/22 13:30	03/18/22 07:30	50
m-Xylene & p-Xylene	1.20		0.200		mg/Kg		03/17/22 13:30	03/18/22 07:30	50
o-Xylene	0.275		0.100		mg/Kg		03/17/22 13:30	03/18/22 07:30	50
Xylenes, Total	1.48		0.200		mg/Kg		03/17/22 13:30	03/18/22 07:30	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	03/17/22 13:30	03/18/22 07:30	50
1,4-Difluorobenzene (Surr)	87		70 - 130	03/17/22 13:30	03/18/22 07:30	50

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Client Sample Results

Client: Carmona Resources
Project/Site: Humoidor State Unit #2

Job ID: 880-12542-1
SDG: Eddy Co, NM

Client Sample ID: S-6 (0-1')

Lab Sample ID: 880-12542-14

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.71		0.200		mg/Kg			03/18/22 13:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	330		50.0		mg/Kg			03/18/22 12:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		03/17/22 13:46	03/18/22 02:29	1
Diesel Range Organics (Over C10-C28)	330		50.0		mg/Kg		03/17/22 13:46	03/18/22 02:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/17/22 13:46	03/18/22 02:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130				03/17/22 13:46	03/18/22 02:29	1
o-Terphenyl	125		70 - 130				03/17/22 13:46	03/18/22 02:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.5		4.95		mg/Kg			03/20/22 17:55	1

Client Sample ID: S-6 (1.5')

Lab Sample ID: 880-12542-15

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.165		0.0996		mg/Kg		03/17/22 13:30	03/18/22 07:51	50
Toluene	1.41		0.0996		mg/Kg		03/17/22 13:30	03/18/22 07:51	50
Ethylbenzene	0.814		0.0996		mg/Kg		03/17/22 13:30	03/18/22 07:51	50
m-Xylene & p-Xylene	9.74		0.199		mg/Kg		03/17/22 13:30	03/18/22 07:51	50
o-Xylene	3.98		0.0996		mg/Kg		03/17/22 13:30	03/18/22 07:51	50
Xylenes, Total	13.7		0.199		mg/Kg		03/17/22 13:30	03/18/22 07:51	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130				03/17/22 13:30	03/18/22 07:51	50
1,4-Difluorobenzene (Surr)	82		70 - 130				03/17/22 13:30	03/18/22 07:51	50

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	16.1		0.199		mg/Kg			03/18/22 13:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	241		49.9		mg/Kg			03/18/22 12:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	107	*1	49.9		mg/Kg		03/17/22 13:46	03/18/22 02:49	1
Diesel Range Organics (Over C10-C28)	134		49.9		mg/Kg		03/17/22 13:46	03/18/22 02:49	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Humoidor State Unit #2

Job ID: 880-12542-1
SDG: Eddy Co, NM

Client Sample ID: S-6 (1.5')

Lab Sample ID: 880-12542-15

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/17/22 13:46	03/18/22 02:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				03/17/22 13:46	03/18/22 02:49	1
o-Terphenyl	109		70 - 130				03/17/22 13:46	03/18/22 02:49	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.7		4.98		mg/Kg			03/20/22 18:06	1

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

Lab Sample ID: 880-12542-16

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

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		03/17/22 13:30	03/18/22 06:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/17/22 13:30	03/18/22 06:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/17/22 13:30	03/18/22 06:09	1
m-Xylene & p-Xylene	0.00411		0.00399		mg/Kg		03/17/22 13:30	03/18/22 06:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/17/22 13:30	03/18/22 06:09	1
Xylenes, Total	0.00411		0.00399		mg/Kg		03/17/22 13:30	03/18/22 06:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				03/17/22 13:30	03/18/22 06:09	1
1,4-Difluorobenzene (Surr)	91		70 - 130				03/17/22 13:30	03/18/22 06:09	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00411		0.00399		mg/Kg			03/18/22 13:17	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			03/18/22 12:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		03/17/22 13:46	03/18/22 03:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/17/22 13:46	03/18/22 03:10	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/17/22 13:46	03/18/22 03:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				03/17/22 13:46	03/18/22 03:10	1
o-Terphenyl	96		70 - 130				03/17/22 13:46	03/18/22 03:10	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.5		4.97		mg/Kg			03/20/22 18:16	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Humoiidor State Unit #2

Job ID: 880-12542-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-12542-17

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/17/22 13:30	03/18/22 06:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/17/22 13:30	03/18/22 06:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/17/22 13:30	03/18/22 06:29	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/17/22 13:30	03/18/22 06:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/17/22 13:30	03/18/22 06:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/17/22 13:30	03/18/22 06:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	03/17/22 13:30	03/18/22 06:29	1
1,4-Difluorobenzene (Surr)	92		70 - 130	03/17/22 13:30	03/18/22 06:29	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			03/18/22 13:17	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			03/18/22 12:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		03/17/22 13:46	03/18/22 03:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/17/22 13:46	03/18/22 03:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/17/22 13:46	03/18/22 03:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	03/17/22 13:46	03/18/22 03:30	1
o-Terphenyl	99		70 - 130	03/17/22 13:46	03/18/22 03:30	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	52.5	F1	5.00		mg/Kg			03/19/22 04:29	1

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

Lab Sample ID: 880-12542-18

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

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		03/17/22 13:30	03/18/22 06:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/17/22 13:30	03/18/22 06:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/17/22 13:30	03/18/22 06:49	1
m-Xylene & p-Xylene	0.0152		0.00401		mg/Kg		03/17/22 13:30	03/18/22 06:49	1
o-Xylene	0.00274		0.00200		mg/Kg		03/17/22 13:30	03/18/22 06:49	1
Xylenes, Total	0.0179		0.00401		mg/Kg		03/17/22 13:30	03/18/22 06:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130	03/17/22 13:30	03/18/22 06:49	1
1,4-Difluorobenzene (Surr)	99		70 - 130	03/17/22 13:30	03/18/22 06:49	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Humoiidor State Unit #2

Job ID: 880-12542-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-12542-18

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0179		0.00401		mg/Kg			03/18/22 13:17	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			03/18/22 12:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		03/17/22 13:46	03/18/22 03:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/17/22 13:46	03/18/22 03:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/17/22 13:46	03/18/22 03:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				03/17/22 13:46	03/18/22 03:51	1
o-Terphenyl	89		70 - 130				03/17/22 13:46	03/18/22 03:51	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41.1		4.99		mg/Kg			03/19/22 05:00	1

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

Lab Sample ID: 880-12542-19

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

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		03/17/22 13:30	03/18/22 07:10	1
Toluene	0.00203		0.00201		mg/Kg		03/17/22 13:30	03/18/22 07:10	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/17/22 13:30	03/18/22 07:10	1
m-Xylene & p-Xylene	0.00466		0.00402		mg/Kg		03/17/22 13:30	03/18/22 07:10	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/17/22 13:30	03/18/22 07:10	1
Xylenes, Total	0.00466		0.00402		mg/Kg		03/17/22 13:30	03/18/22 07:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				03/17/22 13:30	03/18/22 07:10	1
1,4-Difluorobenzene (Surr)	98		70 - 130				03/17/22 13:30	03/18/22 07:10	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00669		0.00402		mg/Kg			03/18/22 13:17	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			03/18/22 12:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		03/17/22 13:46	03/18/22 04:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/17/22 13:46	03/18/22 04:11	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Humoiidor State Unit #2

Job ID: 880-12542-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-12542-19

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/17/22 13:46	03/18/22 04:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130	03/17/22 13:46	03/18/22 04:11	1
o-Terphenyl	96		70 - 130	03/17/22 13:46	03/18/22 04:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	38.3		4.98		mg/Kg			03/19/22 05:10	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Humoior State Unit #2

Job ID: 880-12542-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-12542-1	S-1 (0-1')	99	85
880-12542-2	S-1 (1.5')	96	83
880-12542-3	S-1 (2')	89	79
880-12542-4	S-1 (3')	101	107
880-12542-5	S-1 (4')	117	108
880-12542-6	S-2 (0-1')	104	102
880-12542-6 MS	S-2 (0-1')	110	94
880-12542-6 MSD	S-2 (0-1')	101	91
880-12542-7	S-2 (1.5')	111	96
880-12542-8	S-3 (0-1')	95	94
880-12542-9	S-3 (1.5')	104	112
880-12542-10	S-4 (0-1')	88	91
880-12542-11	S-4 (1.5')	105	92
880-12542-12	S-5 (0-1')	70	53 S1-
880-12542-13	S-5 (1.5')	157 S1+	118
880-12542-14	S-6 (0-1')	91	87
880-12542-15	S-6 (1.5')	87	82
880-12542-16	H-1 (0-0.5)	110	91
880-12542-17	H-2 (0-0.5)	111	92
880-12542-18	H-3 (0-0.5)	80	99
880-12542-19	H-4 (0-0.5)	91	98
880-12543-A-2-A MS	Matrix Spike	306 S1+	101
880-12543-A-2-B MSD	Matrix Spike Duplicate	252 S1+	107
880-12572-A-1-B MS	Matrix Spike	98	109
880-12572-A-1-C MSD	Matrix Spike Duplicate	98	112
LCS 880-21732/1-A	Lab Control Sample	101	110
LCS 880-21816/1-A	Lab Control Sample	97	101
LCS 880-21835/1-A	Lab Control Sample	92	109
LCSD 880-21732/2-A	Lab Control Sample Dup	102	110
LCSD 880-21816/2-A	Lab Control Sample Dup	102	101
LCSD 880-21835/2-A	Lab Control Sample Dup	100	111
MB 880-21697/5-A	Method Blank	97	100
MB 880-21730/5-A	Method Blank	99	94
MB 880-21732/5-A	Method Blank	101	104
MB 880-21816/5-A	Method Blank	98	98
MB 880-21835/5-A	Method Blank	113	100

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-12542-1	S-1 (0-1')	104	108
880-12542-2	S-1 (1.5')	133 S1+	113
880-12542-3	S-1 (2')	121	115

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Surrogate Summary

Client: Carmona Resources
 Project/Site: Humoiidor State Unit #2

Job ID: 880-12542-1
 SDG: Eddy Co, NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-12542-4	S-1 (3')	120	117
880-12542-5	S-1 (4')	128	109
880-12542-6	S-2 (0-1')	165 S1+	112
880-12542-6 MS	S-2 (0-1')	115	108
880-12542-6 MSD	S-2 (0-1')	115	107
880-12542-7	S-2 (1.5')	107	108
880-12542-8	S-3 (0-1')	107	105
880-12542-9	S-3 (1.5')	110	116
880-12542-10	S-4 (0-1')	105	109
880-12542-11	S-4 (1.5')	105	110
880-12542-12	S-5 (0-1')	157 S1+	132 S1+
880-12542-13	S-5 (1.5')	162 S1+	112
880-12542-14	S-6 (0-1')	119	125
880-12542-15	S-6 (1.5')	108	109
880-12542-16	H-1 (0-0.5)	97	96
880-12542-17	H-2 (0-0.5)	101	99
880-12542-18	H-3 (0-0.5)	92	89
880-12542-19	H-4 (0-0.5)	95	96
LCS 880-21819/2-A	Lab Control Sample	112	116
LCSD 880-21819/3-A	Lab Control Sample Dup	99	104
MB 880-21819/1-A	Method Blank	124	132 S1+

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: Humoidor State Unit #2

Job ID: 880-12542-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-21697/5-A

Matrix: Solid

Analysis Batch: 21774

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 21697

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/17/22 08:30	03/17/22 12:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/17/22 08:30	03/17/22 12:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/17/22 08:30	03/17/22 12:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/17/22 08:30	03/17/22 12:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/17/22 08:30	03/17/22 12:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/17/22 08:30	03/17/22 12:07	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	03/17/22 08:30	03/17/22 12:07	1
1,4-Difluorobenzene (Surr)	100		70 - 130	03/17/22 08:30	03/17/22 12:07	1

Lab Sample ID: MB 880-21730/5-A

Matrix: Solid

Analysis Batch: 21815

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 21730

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/17/22 14:15	03/17/22 18:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/17/22 14:15	03/17/22 18:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/17/22 14:15	03/17/22 18:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/17/22 14:15	03/17/22 18:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/17/22 14:15	03/17/22 18:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/17/22 14:15	03/17/22 18:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	03/17/22 14:15	03/17/22 18:08	1
1,4-Difluorobenzene (Surr)	94		70 - 130	03/17/22 14:15	03/17/22 18:08	1

Lab Sample ID: MB 880-21732/5-A

Matrix: Solid

Analysis Batch: 21846

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 21732

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/18/22 08:00	03/18/22 10:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/18/22 08:00	03/18/22 10:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/18/22 08:00	03/18/22 10:33	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/18/22 08:00	03/18/22 10:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/18/22 08:00	03/18/22 10:33	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/18/22 08:00	03/18/22 10:33	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	03/18/22 08:00	03/18/22 10:33	1
1,4-Difluorobenzene (Surr)	104		70 - 130	03/18/22 08:00	03/18/22 10:33	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Humoior State Unit #2

Job ID: 880-12542-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-21732/1-A

Matrix: Solid

Analysis Batch: 21846

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 21732

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09946		mg/Kg		99	70 - 130
Toluene	0.100	0.09811		mg/Kg		98	70 - 130
Ethylbenzene	0.100	0.09914		mg/Kg		99	70 - 130
m-Xylene & p-Xylene	0.200	0.2039		mg/Kg		102	70 - 130
o-Xylene	0.100	0.1001		mg/Kg		100	70 - 130

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

Lab Sample ID: LCSD 880-21732/2-A

Matrix: Solid

Analysis Batch: 21846

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 21732

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.09832		mg/Kg		98	70 - 130	1	35
Toluene	0.100	0.09691		mg/Kg		97	70 - 130	1	35
Ethylbenzene	0.100	0.09797		mg/Kg		98	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.2022		mg/Kg		101	70 - 130	1	35
o-Xylene	0.100	0.09968		mg/Kg		100	70 - 130	0	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: 880-12543-A-2-A MS

Matrix: Solid

Analysis Batch: 21846

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 21732

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.00630		0.0990	0.08332		mg/Kg		78	70 - 130
Toluene	0.341	F1	0.0990	0.8502	E F1	mg/Kg		514	70 - 130
Ethylbenzene	0.148	F1	0.0990	0.3497	F1	mg/Kg		204	70 - 130
m-Xylene & p-Xylene	1.52	E	0.198	2.444	E 4	mg/Kg		469	70 - 130
o-Xylene	0.383	F1	0.0990	0.7030	E F1	mg/Kg		323	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	306	S1+	70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-12543-A-2-B MSD

Matrix: Solid

Analysis Batch: 21846

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 21732

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.00630		0.100	0.09134		mg/Kg		85	70 - 130	9	35
Toluene	0.341	F1	0.100	1.085	E F1	mg/Kg		742	70 - 130	24	35
Ethylbenzene	0.148	F1	0.100	0.4097	E F1	mg/Kg		262	70 - 130	16	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Humoiidor State Unit #2

Job ID: 880-12542-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-12543-A-2-B MSD

Matrix: Solid

Analysis Batch: 21846

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 21732

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
m-Xylene & p-Xylene	1.52	E	0.200	3.003	E 4	mg/Kg		742	70 - 130	21	35
o-Xylene	0.383	F1	0.100	0.8516	E F1	mg/Kg		468	70 - 130	19	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	252	S1+	70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: MB 880-21816/5-A

Matrix: Solid

Analysis Batch: 21774

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 21816

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/17/22 13:30	03/18/22 00:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/17/22 13:30	03/18/22 00:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/17/22 13:30	03/18/22 00:26	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/17/22 13:30	03/18/22 00:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/17/22 13:30	03/18/22 00:26	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/17/22 13:30	03/18/22 00:26	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	03/17/22 13:30	03/18/22 00:26	1
1,4-Difluorobenzene (Surr)	98		70 - 130	03/17/22 13:30	03/18/22 00:26	1

Lab Sample ID: LCS 880-21816/1-A

Matrix: Solid

Analysis Batch: 21774

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 21816

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09578		mg/Kg		96	70 - 130
Toluene	0.100	0.09497		mg/Kg		95	70 - 130
Ethylbenzene	0.100	0.09409		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.2215		mg/Kg		111	70 - 130
o-Xylene	0.100	0.1084		mg/Kg		108	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-21816/2-A

Matrix: Solid

Analysis Batch: 21774

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 21816

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.1014		mg/Kg		101	70 - 130	6	35
Toluene	0.100	0.1004		mg/Kg		100	70 - 130	6	35
Ethylbenzene	0.100	0.09918		mg/Kg		99	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.2337		mg/Kg		117	70 - 130	5	35
o-Xylene	0.100	0.1158		mg/Kg		116	70 - 130	7	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Humoiidor State Unit #2

Job ID: 880-12542-1
SDG: Eddy Co, NM

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

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-12542-6 MS

Matrix: Solid

Analysis Batch: 21774

Client Sample ID: S-2 (0-1')

Prep Type: Total/NA

Prep Batch: 21816

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00199	U F1	0.0998	0.04018	F1	mg/Kg		40	70 - 130	
Toluene	<0.00199	U F1	0.0998	0.04545	F1	mg/Kg		45	70 - 130	
Ethylbenzene	<0.00199	U F1	0.0998	0.04893	F1	mg/Kg		48	70 - 130	
m-Xylene & p-Xylene	0.00415	F1	0.200	0.1129	F1	mg/Kg		54	70 - 130	
o-Xylene	<0.00199	U F1	0.0998	0.05829	F1	mg/Kg		57	70 - 130	

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: 880-12542-6 MSD

Matrix: Solid

Analysis Batch: 21774

Client Sample ID: S-2 (0-1')

Prep Type: Total/NA

Prep Batch: 21816

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	<0.00199	U F1	0.0996	0.03314	F1	mg/Kg		33	70 - 130	19	35	
Toluene	<0.00199	U F1	0.0996	0.03638	F1	mg/Kg		36	70 - 130	22	35	
Ethylbenzene	<0.00199	U F1	0.0996	0.03588	F1	mg/Kg		35	70 - 130	31	35	
m-Xylene & p-Xylene	0.00415	F1	0.199	0.08437	F1	mg/Kg		40	70 - 130	29	35	
o-Xylene	<0.00199	U F1	0.0996	0.04467	F1	mg/Kg		44	70 - 130	26	35	

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: MB 880-21835/5-A

Matrix: Solid

Analysis Batch: 21815

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 21835

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00200	U	0.00200		mg/Kg		03/17/22 17:39	03/18/22 05:09	1	
Toluene	<0.00200	U	0.00200		mg/Kg		03/17/22 17:39	03/18/22 05:09	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/17/22 17:39	03/18/22 05:09	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/17/22 17:39	03/18/22 05:09	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/17/22 17:39	03/18/22 05:09	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/17/22 17:39	03/18/22 05:09	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac				
4-Bromofluorobenzene (Surr)	113		70 - 130	03/17/22 17:39	03/18/22 05:09	1				
1,4-Difluorobenzene (Surr)	100		70 - 130	03/17/22 17:39	03/18/22 05:09	1				

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QC Sample Results

Client: Carmona Resources
Project/Site: Humoiidor State Unit #2

Job ID: 880-12542-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-21835/1-A

Matrix: Solid

Analysis Batch: 21815

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 21835

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09996		mg/Kg		100	70 - 130
Toluene	0.100	0.09086		mg/Kg		91	70 - 130
Ethylbenzene	0.100	0.09096		mg/Kg		91	70 - 130
m-Xylene & p-Xylene	0.200	0.1865		mg/Kg		93	70 - 130
o-Xylene	0.100	0.09403		mg/Kg		94	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: LCSD 880-21835/2-A

Matrix: Solid

Analysis Batch: 21815

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 21835

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.1076		mg/Kg		108	70 - 130	7	35
Toluene	0.100	0.09839		mg/Kg		98	70 - 130	8	35
Ethylbenzene	0.100	0.09999		mg/Kg		100	70 - 130	9	35
m-Xylene & p-Xylene	0.200	0.2053		mg/Kg		103	70 - 130	10	35
o-Xylene	0.100	0.1031		mg/Kg		103	70 - 130	9	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

Lab Sample ID: 880-12572-A-1-B MS

Matrix: Solid

Analysis Batch: 21815

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 21835

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00202	U	0.0998	0.1021		mg/Kg		102	70 - 130
Toluene	<0.00202	U	0.0998	0.09453		mg/Kg		94	70 - 130
Ethylbenzene	<0.00202	U	0.0998	0.09633		mg/Kg		97	70 - 130
m-Xylene & p-Xylene	<0.00403	U	0.200	0.1988		mg/Kg		100	70 - 130
o-Xylene	<0.00202	U	0.0998	0.09983		mg/Kg		100	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: 880-12572-A-1-C MSD

Matrix: Solid

Analysis Batch: 21815

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 21835

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.100	0.1112		mg/Kg		111	70 - 130	9	35
Toluene	<0.00202	U	0.100	0.09618		mg/Kg		95	70 - 130	2	35
Ethylbenzene	<0.00202	U	0.100	0.09694		mg/Kg		97	70 - 130	1	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Humoidor State Unit #2

Job ID: 880-12542-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-12572-A-1-C MSD

Matrix: Solid

Analysis Batch: 21815

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 21835

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00403	U	0.200	0.1982		mg/Kg		99	70 - 130	0	35
o-Xylene	<0.00202	U	0.100	0.09935		mg/Kg		99	70 - 130	0	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	98		70 - 130								
1,4-Difluorobenzene (Surr)	112		70 - 130								

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

Lab Sample ID: MB 880-21819/1-A

Matrix: Solid

Analysis Batch: 21766

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 21819

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/17/22 13:46	03/17/22 20:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/17/22 13:46	03/17/22 20:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/17/22 13:46	03/17/22 20:05	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130				03/17/22 13:46	03/17/22 20:05	1
o-Terphenyl	132	S1+	70 - 130				03/17/22 13:46	03/17/22 20:05	1

Lab Sample ID: LCS 880-21819/2-A

Matrix: Solid

Analysis Batch: 21766

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 21819

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	952.1		mg/Kg		95	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	1085		mg/Kg		108	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	112		70 - 130						
o-Terphenyl	116		70 - 130						

Lab Sample ID: LCSD 880-21819/3-A

Matrix: Solid

Analysis Batch: 21766

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 21819

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	717.1	*1	mg/Kg		72	70 - 130	28	20
Diesel Range Organics (Over C10-C28)	1000	1013		mg/Kg		101	70 - 130	7	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Humoiidor State Unit #2

Job ID: 880-12542-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCSD 880-21819/3-A

Matrix: Solid

Analysis Batch: 21766

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 21819

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	99		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: 880-12542-6 MS

Matrix: Solid

Analysis Batch: 21766

Client Sample ID: S-2 (0-1')

Prep Type: Total/NA

Prep Batch: 21819

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	3480	*1 F1	998	1169	F1	mg/Kg		-231	70 - 130	
Diesel Range Organics (Over C10-C28)	2670	F1	998	1168	F1	mg/Kg		-151	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	115		70 - 130							
o-Terphenyl	108		70 - 130							

Lab Sample ID: 880-12542-6 MSD

Matrix: Solid

Analysis Batch: 21766

Client Sample ID: S-2 (0-1')

Prep Type: Total/NA

Prep Batch: 21819

	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	3480	*1 F1	999	1224	F1	mg/Kg		-225	70 - 130	5	20	
Diesel Range Organics (Over C10-C28)	2670	F1	999	1174	F1	mg/Kg		-150	70 - 130	0	20	
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	115		70 - 130									
o-Terphenyl	107		70 - 130									

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-21856/1-A

Matrix: Solid

Analysis Batch: 21930

Client Sample ID: Method Blank

Prep Type: Soluble

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	<5.00	U	5.00		mg/Kg			03/20/22 13:06	1	

Lab Sample ID: LCS 880-21856/2-A

Matrix: Solid

Analysis Batch: 21930

Client Sample ID: Lab Control Sample

Prep Type: Soluble

	Spike	LCS	LCS						%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Chloride	250	262.5		mg/Kg		105	90 - 110			

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QC Sample Results

Client: Carmona Resources
Project/Site: Humoidor State Unit #2

Job ID: 880-12542-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-21856/3-A

Matrix: Solid

Analysis Batch: 21930

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	265.9		mg/Kg		106	90 - 110	1	20

Lab Sample ID: 880-12542-7 MS

Matrix: Solid

Analysis Batch: 21930

Client Sample ID: S-2 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	12.7		249	285.9		mg/Kg		110	90 - 110		

Lab Sample ID: 880-12542-7 MSD

Matrix: Solid

Analysis Batch: 21930

Client Sample ID: S-2 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	12.7		249	271.9		mg/Kg		104	90 - 110	5	20

Lab Sample ID: MB 880-21857/1-A

Matrix: Solid

Analysis Batch: 21931

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			03/19/22 03:58	1

Lab Sample ID: LCS 880-21857/2-A

Matrix: Solid

Analysis Batch: 21931

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	258.5		mg/Kg		103	90 - 110		

Lab Sample ID: LCSD 880-21857/3-A

Matrix: Solid

Analysis Batch: 21931

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	257.6		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 880-12542-17 MS

Matrix: Solid

Analysis Batch: 21931

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	52.5	F1	250	336.4	F1	mg/Kg		114	90 - 110		

Lab Sample ID: 880-12542-17 MSD

Matrix: Solid

Analysis Batch: 21931

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	52.5	F1	250	314.8		mg/Kg		105	90 - 110	7	20

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QC Association Summary

Client: Carmona Resources
Project/Site: Humoidor State Unit #2

Job ID: 880-12542-1
SDG: Eddy Co, NM

GC VOA

Prep Batch: 21697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-21697/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 21730

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-21730/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 21732

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-12542-13	S-5 (1.5')	Total/NA	Solid	5035	
MB 880-21732/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-21732/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-21732/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-12543-A-2-A MS	Matrix Spike	Total/NA	Solid	5035	
880-12543-A-2-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 21774

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-12542-1	S-1 (0-1')	Total/NA	Solid	8021B	21816
880-12542-2	S-1 (1.5')	Total/NA	Solid	8021B	21816
880-12542-3	S-1 (2')	Total/NA	Solid	8021B	21816
880-12542-6	S-2 (0-1')	Total/NA	Solid	8021B	21816
880-12542-7	S-2 (1.5')	Total/NA	Solid	8021B	21816
880-12542-8	S-3 (0-1')	Total/NA	Solid	8021B	21816
880-12542-9	S-3 (1.5')	Total/NA	Solid	8021B	21816
880-12542-10	S-4 (0-1')	Total/NA	Solid	8021B	21816
880-12542-11	S-4 (1.5')	Total/NA	Solid	8021B	21816
880-12542-12	S-5 (0-1')	Total/NA	Solid	8021B	21816
880-12542-14	S-6 (0-1')	Total/NA	Solid	8021B	21816
880-12542-15	S-6 (1.5')	Total/NA	Solid	8021B	21816
880-12542-16	H-1 (0-0.5)	Total/NA	Solid	8021B	21816
880-12542-17	H-2 (0-0.5)	Total/NA	Solid	8021B	21816
880-12542-18	H-3 (0-0.5)	Total/NA	Solid	8021B	21816
880-12542-19	H-4 (0-0.5)	Total/NA	Solid	8021B	21816
MB 880-21697/5-A	Method Blank	Total/NA	Solid	8021B	21697
MB 880-21816/5-A	Method Blank	Total/NA	Solid	8021B	21816
LCS 880-21816/1-A	Lab Control Sample	Total/NA	Solid	8021B	21816
LCSD 880-21816/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	21816
880-12542-6 MS	S-2 (0-1')	Total/NA	Solid	8021B	21816
880-12542-6 MSD	S-2 (0-1')	Total/NA	Solid	8021B	21816

Analysis Batch: 21815

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-12542-4	S-1 (3')	Total/NA	Solid	8021B	21835
880-12542-5	S-1 (4')	Total/NA	Solid	8021B	21835
MB 880-21730/5-A	Method Blank	Total/NA	Solid	8021B	21730
MB 880-21835/5-A	Method Blank	Total/NA	Solid	8021B	21835
LCS 880-21835/1-A	Lab Control Sample	Total/NA	Solid	8021B	21835
LCSD 880-21835/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	21835
880-12572-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	21835
880-12572-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	21835

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Humoiidor State Unit #2

Job ID: 880-12542-1
SDG: Eddy Co, NM

GC VOA

Prep Batch: 21816

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-12542-1	S-1 (0-1')	Total/NA	Solid	5035	
880-12542-2	S-1 (1.5')	Total/NA	Solid	5035	
880-12542-3	S-1 (2')	Total/NA	Solid	5035	
880-12542-6	S-2 (0-1')	Total/NA	Solid	5035	
880-12542-7	S-2 (1.5')	Total/NA	Solid	5035	
880-12542-8	S-3 (0-1')	Total/NA	Solid	5035	
880-12542-9	S-3 (1.5')	Total/NA	Solid	5035	
880-12542-10	S-4 (0-1')	Total/NA	Solid	5035	
880-12542-11	S-4 (1.5')	Total/NA	Solid	5035	
880-12542-12	S-5 (0-1')	Total/NA	Solid	5035	
880-12542-14	S-6 (0-1')	Total/NA	Solid	5035	
880-12542-15	S-6 (1.5')	Total/NA	Solid	5035	
880-12542-16	H-1 (0-0.5)	Total/NA	Solid	5035	
880-12542-17	H-2 (0-0.5)	Total/NA	Solid	5035	
880-12542-18	H-3 (0-0.5)	Total/NA	Solid	5035	
880-12542-19	H-4 (0-0.5)	Total/NA	Solid	5035	
MB 880-21816/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-21816/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-21816/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-12542-6 MS	S-2 (0-1')	Total/NA	Solid	5035	
880-12542-6 MSD	S-2 (0-1')	Total/NA	Solid	5035	

Prep Batch: 21835

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-12542-4	S-1 (3')	Total/NA	Solid	5035	
880-12542-5	S-1 (4')	Total/NA	Solid	5035	
MB 880-21835/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-21835/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-21835/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-12572-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
880-12572-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 21846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-12542-13	S-5 (1.5')	Total/NA	Solid	8021B	21732
MB 880-21732/5-A	Method Blank	Total/NA	Solid	8021B	21732
LCS 880-21732/1-A	Lab Control Sample	Total/NA	Solid	8021B	21732
LCSD 880-21732/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	21732
880-12543-A-2-A MS	Matrix Spike	Total/NA	Solid	8021B	21732
880-12543-A-2-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	21732

Analysis Batch: 21897

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-12542-1	S-1 (0-1')	Total/NA	Solid	Total BTEX	
880-12542-2	S-1 (1.5')	Total/NA	Solid	Total BTEX	
880-12542-3	S-1 (2')	Total/NA	Solid	Total BTEX	
880-12542-4	S-1 (3')	Total/NA	Solid	Total BTEX	
880-12542-5	S-1 (4')	Total/NA	Solid	Total BTEX	
880-12542-6	S-2 (0-1')	Total/NA	Solid	Total BTEX	
880-12542-7	S-2 (1.5')	Total/NA	Solid	Total BTEX	
880-12542-8	S-3 (0-1')	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Carmona Resources
Project/Site: Humoidor State Unit #2

Job ID: 880-12542-1
SDG: Eddy Co, NM

GC VOA (Continued)

Analysis Batch: 21897 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-12542-9	S-3 (1.5')	Total/NA	Solid	Total BTEX	
880-12542-10	S-4 (0-1')	Total/NA	Solid	Total BTEX	
880-12542-11	S-4 (1.5')	Total/NA	Solid	Total BTEX	
880-12542-12	S-5 (0-1')	Total/NA	Solid	Total BTEX	
880-12542-13	S-5 (1.5')	Total/NA	Solid	Total BTEX	
880-12542-14	S-6 (0-1')	Total/NA	Solid	Total BTEX	
880-12542-15	S-6 (1.5')	Total/NA	Solid	Total BTEX	
880-12542-16	H-1 (0-0.5)	Total/NA	Solid	Total BTEX	
880-12542-17	H-2 (0-0.5)	Total/NA	Solid	Total BTEX	
880-12542-18	H-3 (0-0.5)	Total/NA	Solid	Total BTEX	
880-12542-19	H-4 (0-0.5)	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 21766

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-12542-1	S-1 (0-1')	Total/NA	Solid	8015B NM	21819
880-12542-2	S-1 (1.5')	Total/NA	Solid	8015B NM	21819
880-12542-3	S-1 (2')	Total/NA	Solid	8015B NM	21819
880-12542-4	S-1 (3')	Total/NA	Solid	8015B NM	21819
880-12542-5	S-1 (4')	Total/NA	Solid	8015B NM	21819
880-12542-6	S-2 (0-1')	Total/NA	Solid	8015B NM	21819
880-12542-7	S-2 (1.5')	Total/NA	Solid	8015B NM	21819
880-12542-8	S-3 (0-1')	Total/NA	Solid	8015B NM	21819
880-12542-9	S-3 (1.5')	Total/NA	Solid	8015B NM	21819
880-12542-10	S-4 (0-1')	Total/NA	Solid	8015B NM	21819
880-12542-11	S-4 (1.5')	Total/NA	Solid	8015B NM	21819
880-12542-12	S-5 (0-1')	Total/NA	Solid	8015B NM	21819
880-12542-13	S-5 (1.5')	Total/NA	Solid	8015B NM	21819
880-12542-14	S-6 (0-1')	Total/NA	Solid	8015B NM	21819
880-12542-15	S-6 (1.5')	Total/NA	Solid	8015B NM	21819
880-12542-16	H-1 (0-0.5)	Total/NA	Solid	8015B NM	21819
880-12542-17	H-2 (0-0.5)	Total/NA	Solid	8015B NM	21819
880-12542-18	H-3 (0-0.5)	Total/NA	Solid	8015B NM	21819
880-12542-19	H-4 (0-0.5)	Total/NA	Solid	8015B NM	21819
MB 880-21819/1-A	Method Blank	Total/NA	Solid	8015B NM	21819
LCS 880-21819/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	21819
LCSD 880-21819/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	21819
880-12542-6 MS	S-2 (0-1')	Total/NA	Solid	8015B NM	21819
880-12542-6 MSD	S-2 (0-1')	Total/NA	Solid	8015B NM	21819

Prep Batch: 21819

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-12542-1	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-12542-2	S-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-12542-3	S-1 (2')	Total/NA	Solid	8015NM Prep	
880-12542-4	S-1 (3')	Total/NA	Solid	8015NM Prep	
880-12542-5	S-1 (4')	Total/NA	Solid	8015NM Prep	
880-12542-6	S-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-12542-7	S-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-12542-8	S-3 (0-1')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Humoidor State Unit #2

Job ID: 880-12542-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Prep Batch: 21819 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-12542-9	S-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-12542-10	S-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-12542-11	S-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-12542-12	S-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-12542-13	S-5 (1.5')	Total/NA	Solid	8015NM Prep	
880-12542-14	S-6 (0-1')	Total/NA	Solid	8015NM Prep	
880-12542-15	S-6 (1.5')	Total/NA	Solid	8015NM Prep	
880-12542-16	H-1 (0-0.5)	Total/NA	Solid	8015NM Prep	
880-12542-17	H-2 (0-0.5)	Total/NA	Solid	8015NM Prep	
880-12542-18	H-3 (0-0.5)	Total/NA	Solid	8015NM Prep	
880-12542-19	H-4 (0-0.5)	Total/NA	Solid	8015NM Prep	
MB 880-21819/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-21819/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-21819/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-12542-6 MS	S-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-12542-6 MSD	S-2 (0-1')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 21873

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-12542-1	S-1 (0-1')	Total/NA	Solid	8015 NM	
880-12542-2	S-1 (1.5')	Total/NA	Solid	8015 NM	
880-12542-3	S-1 (2')	Total/NA	Solid	8015 NM	
880-12542-4	S-1 (3')	Total/NA	Solid	8015 NM	
880-12542-5	S-1 (4')	Total/NA	Solid	8015 NM	
880-12542-6	S-2 (0-1')	Total/NA	Solid	8015 NM	
880-12542-7	S-2 (1.5')	Total/NA	Solid	8015 NM	
880-12542-8	S-3 (0-1')	Total/NA	Solid	8015 NM	
880-12542-9	S-3 (1.5')	Total/NA	Solid	8015 NM	
880-12542-10	S-4 (0-1')	Total/NA	Solid	8015 NM	
880-12542-11	S-4 (1.5')	Total/NA	Solid	8015 NM	
880-12542-12	S-5 (0-1')	Total/NA	Solid	8015 NM	
880-12542-13	S-5 (1.5')	Total/NA	Solid	8015 NM	
880-12542-14	S-6 (0-1')	Total/NA	Solid	8015 NM	
880-12542-15	S-6 (1.5')	Total/NA	Solid	8015 NM	
880-12542-16	H-1 (0-0.5)	Total/NA	Solid	8015 NM	
880-12542-17	H-2 (0-0.5)	Total/NA	Solid	8015 NM	
880-12542-18	H-3 (0-0.5)	Total/NA	Solid	8015 NM	
880-12542-19	H-4 (0-0.5)	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 21856

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-12542-1	S-1 (0-1')	Soluble	Solid	DI Leach	
880-12542-2	S-1 (1.5')	Soluble	Solid	DI Leach	
880-12542-3	S-1 (2')	Soluble	Solid	DI Leach	
880-12542-4	S-1 (3')	Soluble	Solid	DI Leach	
880-12542-5	S-1 (4')	Soluble	Solid	DI Leach	
880-12542-6	S-2 (0-1')	Soluble	Solid	DI Leach	
880-12542-7	S-2 (1.5')	Soluble	Solid	DI Leach	
880-12542-8	S-3 (0-1')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Humoidor State Unit #2

Job ID: 880-12542-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Leach Batch: 21856 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-12542-9	S-3 (1.5')	Soluble	Solid	DI Leach	
880-12542-10	S-4 (0-1')	Soluble	Solid	DI Leach	
880-12542-11	S-4 (1.5')	Soluble	Solid	DI Leach	
880-12542-12	S-5 (0-1')	Soluble	Solid	DI Leach	
880-12542-13	S-5 (1.5')	Soluble	Solid	DI Leach	
880-12542-14	S-6 (0-1')	Soluble	Solid	DI Leach	
880-12542-15	S-6 (1.5')	Soluble	Solid	DI Leach	
880-12542-16	H-1 (0-0.5)	Soluble	Solid	DI Leach	
MB 880-21856/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-21856/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-21856/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-12542-7 MS	S-2 (1.5')	Soluble	Solid	DI Leach	
880-12542-7 MSD	S-2 (1.5')	Soluble	Solid	DI Leach	

Leach Batch: 21857

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-12542-17	H-2 (0-0.5)	Soluble	Solid	DI Leach	
880-12542-18	H-3 (0-0.5)	Soluble	Solid	DI Leach	
880-12542-19	H-4 (0-0.5)	Soluble	Solid	DI Leach	
MB 880-21857/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-21857/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-21857/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-12542-17 MS	H-2 (0-0.5)	Soluble	Solid	DI Leach	
880-12542-17 MSD	H-2 (0-0.5)	Soluble	Solid	DI Leach	

Analysis Batch: 21930

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-12542-1	S-1 (0-1')	Soluble	Solid	300.0	21856
880-12542-2	S-1 (1.5')	Soluble	Solid	300.0	21856
880-12542-3	S-1 (2')	Soluble	Solid	300.0	21856
880-12542-4	S-1 (3')	Soluble	Solid	300.0	21856
880-12542-5	S-1 (4')	Soluble	Solid	300.0	21856
880-12542-6	S-2 (0-1')	Soluble	Solid	300.0	21856
880-12542-7	S-2 (1.5')	Soluble	Solid	300.0	21856
880-12542-8	S-3 (0-1')	Soluble	Solid	300.0	21856
880-12542-9	S-3 (1.5')	Soluble	Solid	300.0	21856
880-12542-10	S-4 (0-1')	Soluble	Solid	300.0	21856
880-12542-11	S-4 (1.5')	Soluble	Solid	300.0	21856
880-12542-12	S-5 (0-1')	Soluble	Solid	300.0	21856
880-12542-13	S-5 (1.5')	Soluble	Solid	300.0	21856
880-12542-14	S-6 (0-1')	Soluble	Solid	300.0	21856
880-12542-15	S-6 (1.5')	Soluble	Solid	300.0	21856
880-12542-16	H-1 (0-0.5)	Soluble	Solid	300.0	21856
MB 880-21856/1-A	Method Blank	Soluble	Solid	300.0	21856
LCS 880-21856/2-A	Lab Control Sample	Soluble	Solid	300.0	21856
LCSD 880-21856/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	21856
880-12542-7 MS	S-2 (1.5')	Soluble	Solid	300.0	21856
880-12542-7 MSD	S-2 (1.5')	Soluble	Solid	300.0	21856

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Humoiidor State Unit #2

Job ID: 880-12542-1
SDG: Eddy Co, NM

HPLC/IC

Analysis Batch: 21931

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-12542-17	H-2 (0-0.5)	Soluble	Solid	300.0	21857
880-12542-18	H-3 (0-0.5)	Soluble	Solid	300.0	21857
880-12542-19	H-4 (0-0.5)	Soluble	Solid	300.0	21857
MB 880-21857/1-A	Method Blank	Soluble	Solid	300.0	21857
LCS 880-21857/2-A	Lab Control Sample	Soluble	Solid	300.0	21857
LCSD 880-21857/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	21857
880-12542-17 MS	H-2 (0-0.5)	Soluble	Solid	300.0	21857
880-12542-17 MSD	H-2 (0-0.5)	Soluble	Solid	300.0	21857

Lab Chronicle

Client: Carmona Resources
Project/Site: Humoidor State Unit #2

Job ID: 880-12542-1
SDG: Eddy Co, NM

Client Sample ID: S-1 (0-1')

Lab Sample ID: 880-12542-1

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	21816	03/17/22 13:30	MR	XEN MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	21774	03/18/22 02:37	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			21897	03/18/22 13:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			21873	03/18/22 12:03	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	21819	03/17/22 13:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			21766	03/17/22 21:05	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	21856	03/18/22 09:41	SC	XEN MID
Soluble	Analysis	300.0		1			21930	03/20/22 14:39	SC	XEN MID

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-12542-2

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	21816	03/17/22 13:30	MR	XEN MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	21774	03/18/22 02:57	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			21897	03/18/22 13:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			21873	03/18/22 12:03	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	21819	03/17/22 13:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			21766	03/17/22 22:06	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	21856	03/18/22 09:41	SC	XEN MID
Soluble	Analysis	300.0		1			21930	03/20/22 15:10	SC	XEN MID

Client Sample ID: S-1 (2')

Lab Sample ID: 880-12542-3

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	21816	03/17/22 13:30	MR	XEN MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	21774	03/18/22 03:18	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			21897	03/18/22 13:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			21873	03/18/22 12:03	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	21819	03/17/22 13:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			21766	03/17/22 22:26	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	21856	03/18/22 09:42	SC	XEN MID
Soluble	Analysis	300.0		1			21930	03/20/22 15:20	SC	XEN MID

Client Sample ID: S-1 (3')

Lab Sample ID: 880-12542-4

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	21835	03/17/22 17:39	MR	XEN MID
Total/NA	Analysis	8021B		250	5 mL	5 mL	21815	03/18/22 11:05	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			21897	03/18/22 13:17	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Humoidor State Unit #2

Job ID: 880-12542-1
SDG: Eddy Co, NM

Client Sample ID: S-1 (3')

Lab Sample ID: 880-12542-4

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			21873	03/18/22 12:03	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	21819	03/17/22 13:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			21766	03/17/22 22:46	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	21856	03/18/22 09:42	SC	XEN MID
Soluble	Analysis	300.0		1			21930	03/20/22 15:30	SC	XEN MID

Client Sample ID: S-1 (4')

Lab Sample ID: 880-12542-5

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	21835	03/17/22 17:39	MR	XEN MID
Total/NA	Analysis	8021B		250	5 mL	5 mL	21815	03/18/22 11:26	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			21897	03/18/22 13:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			21873	03/18/22 12:03	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	21819	03/17/22 13:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			21766	03/17/22 23:06	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	21856	03/18/22 09:42	SC	XEN MID
Soluble	Analysis	300.0		1			21930	03/20/22 15:41	SC	XEN MID

Client Sample ID: S-2 (0-1')

Lab Sample ID: 880-12542-6

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	21816	03/17/22 13:30	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	21774	03/18/22 00:55	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			21897	03/18/22 13:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			21873	03/18/22 12:03	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	21819	03/17/22 13:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			21766	03/17/22 23:27	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	21856	03/18/22 09:42	SC	XEN MID
Soluble	Analysis	300.0		1			21930	03/20/22 15:51	SC	XEN MID

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-12542-7

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	21816	03/17/22 13:30	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	21774	03/18/22 01:15	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			21897	03/18/22 13:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			21873	03/18/22 12:03	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	21819	03/17/22 13:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			21766	03/17/22 23:47	AJ	XEN MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: Humoidor State Unit #2

Job ID: 880-12542-1
SDG: Eddy Co, NM

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-12542-7

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	21856	03/18/22 09:42	SC	XEN MID
Soluble	Analysis	300.0		1			21930	03/20/22 16:01	SC	XEN MID

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

Lab Sample ID: 880-12542-8

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	21816	03/17/22 13:30	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	21774	03/18/22 01:36	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			21897	03/18/22 13:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			21873	03/18/22 12:03	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	21819	03/17/22 13:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			21766	03/18/22 00:07	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	21856	03/18/22 09:42	SC	XEN MID
Soluble	Analysis	300.0		1	0 mL	1.0 mL	21930	03/20/22 16:32	SC	XEN MID

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-12542-9

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	21816	03/17/22 13:30	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	21774	03/18/22 01:56	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			21897	03/18/22 13:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			21873	03/18/22 12:03	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	21819	03/17/22 13:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			21766	03/18/22 00:27	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	21856	03/18/22 09:42	SC	XEN MID
Soluble	Analysis	300.0		1			21930	03/20/22 16:43	SC	XEN MID

Client Sample ID: S-4 (0-1')

Lab Sample ID: 880-12542-10

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	21816	03/17/22 13:30	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	21774	03/18/22 02:16	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			21897	03/18/22 13:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			21873	03/18/22 12:03	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	21819	03/17/22 13:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			21766	03/18/22 00:48	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	21856	03/18/22 09:42	SC	XEN MID
Soluble	Analysis	300.0		1			21930	03/20/22 17:14	SC	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Humoidor State Unit #2

Job ID: 880-12542-1
SDG: Eddy Co, NM

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-12542-11

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	21816	03/17/22 13:30	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	21774	03/18/22 05:48	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			21897	03/18/22 13:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			21873	03/18/22 12:03	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	21819	03/17/22 13:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			21766	03/18/22 01:28	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	21856	03/18/22 09:42	SC	XEN MID
Soluble	Analysis	300.0		1			21930	03/20/22 17:24	SC	XEN MID

Client Sample ID: S-5 (0-1')

Lab Sample ID: 880-12542-12

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	21816	03/17/22 13:30	MR	XEN MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	21774	03/18/22 08:11	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			21897	03/18/22 13:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			21873	03/18/22 12:03	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	21819	03/17/22 13:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			21766	03/18/22 01:49	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	21856	03/18/22 09:42	SC	XEN MID
Soluble	Analysis	300.0		1			21930	03/20/22 17:35	SC	XEN MID

Client Sample ID: S-5 (1.5')

Lab Sample ID: 880-12542-13

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	21732	03/18/22 11:30	KL	XEN MID
Total/NA	Analysis	8021B		250	5 mL	5 mL	21846	03/18/22 15:47	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			21897	03/18/22 13:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			21873	03/18/22 12:03	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	21819	03/17/22 13:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			21766	03/18/22 02:09	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	21856	03/18/22 09:42	SC	XEN MID
Soluble	Analysis	300.0		1			21930	03/20/22 17:45	SC	XEN MID

Client Sample ID: S-6 (0-1')

Lab Sample ID: 880-12542-14

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	21816	03/17/22 13:30	MR	XEN MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	21774	03/18/22 07:30	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			21897	03/18/22 13:17	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Humoidor State Unit #2

Job ID: 880-12542-1
SDG: Eddy Co, NM

Client Sample ID: S-6 (0-1')

Lab Sample ID: 880-12542-14

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			21873	03/18/22 12:03	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	21819	03/17/22 13:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			21766	03/18/22 02:29	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	21856	03/18/22 09:42	SC	XEN MID
Soluble	Analysis	300.0		1			21930	03/20/22 17:55	SC	XEN MID

Client Sample ID: S-6 (1.5')

Lab Sample ID: 880-12542-15

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	21816	03/17/22 13:30	MR	XEN MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	21774	03/18/22 07:51	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			21897	03/18/22 13:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			21873	03/18/22 12:03	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	21819	03/17/22 13:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			21766	03/18/22 02:49	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	21856	03/18/22 09:42	SC	XEN MID
Soluble	Analysis	300.0		1			21930	03/20/22 18:06	SC	XEN MID

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

Lab Sample ID: 880-12542-16

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	21816	03/17/22 13:30	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	21774	03/18/22 06:09	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			21897	03/18/22 13:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			21873	03/18/22 12:03	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	21819	03/17/22 13:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			21766	03/18/22 03:10	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	21856	03/18/22 09:42	SC	XEN MID
Soluble	Analysis	300.0		1			21930	03/20/22 18:16	SC	XEN MID

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

Lab Sample ID: 880-12542-17

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	21816	03/17/22 13:30	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	21774	03/18/22 06:29	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			21897	03/18/22 13:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			21873	03/18/22 12:03	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	21819	03/17/22 13:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			21766	03/18/22 03:30	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Humoiidor State Unit #2

Job ID: 880-12542-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-12542-17

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	21857	03/18/22 09:46	SC	XEN MID
Soluble	Analysis	300.0		1			21931	03/19/22 04:29	SC	XEN MID

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

Lab Sample ID: 880-12542-18

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	21816	03/17/22 13:30	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	21774	03/18/22 06:49	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			21897	03/18/22 13:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			21873	03/18/22 12:03	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	21819	03/17/22 13:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			21766	03/18/22 03:51	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	21857	03/18/22 09:46	SC	XEN MID
Soluble	Analysis	300.0		1			21931	03/19/22 05:00	SC	XEN MID

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

Lab Sample ID: 880-12542-19

Date Collected: 03/17/22 00:00

Matrix: Solid

Date Received: 03/17/22 13:11

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	21816	03/17/22 13:30	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	21774	03/18/22 07:10	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			21897	03/18/22 13:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			21873	03/18/22 12:03	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	21819	03/17/22 13:46	DM	XEN MID
Total/NA	Analysis	8015B NM		1			21766	03/18/22 04:11	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	21857	03/18/22 09:46	SC	XEN MID
Soluble	Analysis	300.0		1			21931	03/19/22 05:10	SC	XEN MID

Laboratory References:

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

Eurofins Midland

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Humoiidor State Unit #2

Job ID: 880-12542-1
SDG: Eddy Co, NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

1
2
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13

Method Summary

Client: Carmona Resources
Project/Site: Humoiidor State Unit #2

Job ID: 880-12542-1
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: Humoiidor State Unit #2

Job ID: 880-12542-1
SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-12542-1	S-1 (0-1')	Solid	03/17/22 00:00	03/17/22 13:11
880-12542-2	S-1 (1.5')	Solid	03/17/22 00:00	03/17/22 13:11
880-12542-3	S-1 (2')	Solid	03/17/22 00:00	03/17/22 13:11
880-12542-4	S-1 (3')	Solid	03/17/22 00:00	03/17/22 13:11
880-12542-5	S-1 (4')	Solid	03/17/22 00:00	03/17/22 13:11
880-12542-6	S-2 (0-1')	Solid	03/17/22 00:00	03/17/22 13:11
880-12542-7	S-2 (1.5')	Solid	03/17/22 00:00	03/17/22 13:11
880-12542-8	S-3 (0-1')	Solid	03/17/22 00:00	03/17/22 13:11
880-12542-9	S-3 (1.5')	Solid	03/17/22 00:00	03/17/22 13:11
880-12542-10	S-4 (0-1')	Solid	03/17/22 00:00	03/17/22 13:11
880-12542-11	S-4 (1.5')	Solid	03/17/22 00:00	03/17/22 13:11
880-12542-12	S-5 (0-1')	Solid	03/17/22 00:00	03/17/22 13:11
880-12542-13	S-5 (1.5')	Solid	03/17/22 00:00	03/17/22 13:11
880-12542-14	S-6 (0-1')	Solid	03/17/22 00:00	03/17/22 13:11
880-12542-15	S-6 (1.5')	Solid	03/17/22 00:00	03/17/22 13:11
880-12542-16	H-1 (0-0.5)	Solid	03/17/22 00:00	03/17/22 13:11
880-12542-17	H-2 (0-0.5)	Solid	03/17/22 00:00	03/17/22 13:11
880-12542-18	H-3 (0-0.5)	Solid	03/17/22 00:00	03/17/22 13:11
880-12542-19	H-4 (0-0.5)	Solid	03/17/22 00:00	03/17/22 13:11

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Work Order No: 12542

Page 1 of 2

Project Manager	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name	Carmona Resources	Company Name	EOG Resources
Address	310 W Wall St STE 415	Address	5509 Champions Dr
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland, TX 79706
Phone	432-813-6823	Email	Todd Wells@eogresources.com

Work Order Comments	
Program: <input type="checkbox"/> PST <input type="checkbox"/> PRR <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund	
State of Project:	
Reporting Level I <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other	

Project Name	Humidor State Unit #2	Turn Around	Pres. Code	ANALYSIS REQUEST				Preservative Codes
Project Number	1018	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush						None NO DI Water H ₂ O
Project Location	Eddy Co, NM	Due Date	24 Hrs					Cool Cool MeOH Me
Sample's Name	CRM	TAT starts the day received by the lab, if received by 4:30pm						HCL HC HNO ₃ HN
PO #:								H ₂ SO ₄ H ₂ NaOH Na
SAMPLE RECEIPT		Temp Blank	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			H ₃ PO ₄ HP
Received Intact	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID						NaHSO ₄ NABIS
Cooler Custody Seals	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor						Na ₂ S ₂ O ₃ NaSO ₃
Sample Custody Seals	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading	4.5					Zn Acetate+NaOH Zn
Total Containers		Corrected Temperature	4.4					NaOH+Ascorbic Acid SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	TPH		Sample Comments																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
S-1 (0-1')	3/17/2022		X		G	1	X	X	X																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						



880-12542 Chain of Custody

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
<i>Conner Moehring</i>	<i>Todd Wells</i>	3/17/22 13.11			

Project Manager	Conner Moehring	Bill to (if different)	Todd Wells
Company Name	Carmona Resources	Company Name	EOG Resources
Address	310 W Wall St STE 415	Address	5509 Champions Dr
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland, Tx 79706
Phone	432-813-6823	Email	Todd_Wells@eogresources.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting Level II ☐ **Level III** ☐ **PST/UST** ☐ **TRRP** ☐ **Level IV** ☐

Deliverables EDD ☐ ADAPT ☐ Other _____

Work Order No: 12542

Page 2 of 2

[illegible]



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

March 22, 2022

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: HUMIDOR STATE UNIT #2

Enclosed are the results of analyses for samples received by the laboratory on 03/21/22 15:30.

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/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 1 (0-1') (H221111-01)

BTX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2022	ND	1.90	94.8	2.00	3.97	
Toluene*	0.205	0.050	03/21/2022	ND	1.97	98.5	2.00	4.02	
Ethylbenzene*	0.935	0.050	03/21/2022	ND	1.92	96.0	2.00	3.69	
Total Xylenes*	3.45	0.150	03/21/2022	ND	5.97	99.4	6.00	3.91	
Total BTX	4.59	0.300	03/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 230 % 69.9-140

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	03/22/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	168	10.0	03/21/2022	ND	200	99.9	200	1.77	
DRO >C10-C28*	1370	10.0	03/21/2022	ND	205	103	200	4.42	
EXT DRO >C28-C36	88.1	10.0	03/21/2022	ND					

Surrogate: 1-Chlorooctane 142 % 66.9-136

Surrogate: 1-Chlorooctadecane 153 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 1 (1') (H221111-02)

BTEx 8021B		mg/kg		Analyzed By: MS\				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	03/22/2022	ND	1.90	94.8	2.00	3.97	
Toluene*	5.73	0.200	03/22/2022	ND	1.97	98.5	2.00	4.02	
Ethylbenzene*	2.65	0.200	03/22/2022	ND	1.92	96.0	2.00	3.69	
Total Xylenes*	65.9	0.600	03/22/2022	ND	5.97	99.4	6.00	3.91	
Total BTEX	74.3	1.20	03/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 236 % 69.9-140

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	03/22/2022	ND	432	108	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*	2870	50.0	03/21/2022	ND	200	99.9	200	1.77	
DRO >C10-C28*	4790	50.0	03/21/2022	ND	205	103	200	4.42	
EXT DRO >C28-C36	289	50.0	03/21/2022	ND					

Surrogate: 1-Chlorooctane 330 % 66.9-136

Surrogate: 1-Chlorooctadecane 151 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 1 (2') (H221111-03)

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	03/21/2022	ND	1.90	94.8	2.00	3.97	
Toluene*	0.303	0.050	03/21/2022	ND	1.97	98.5	2.00	4.02	
Ethylbenzene*	0.163	0.050	03/21/2022	ND	1.92	96.0	2.00	3.69	
Total Xylenes*	5.24	0.150	03/21/2022	ND	5.97	99.4	6.00	3.91	
Total BTEX	5.71	0.300	03/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 130 % 69.9-140

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	03/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	37.9	10.0	03/21/2022	ND	200	99.9	200	1.77	
DRO >C10-C28*	100	10.0	03/21/2022	ND	205	103	200	4.42	
EXT DRO >C28-C36	<10.0	10.0	03/21/2022	ND					

Surrogate: 1-Chlorooctane 121 % 66.9-136

Surrogate: 1-Chlorooctadecane 127 % 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: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 1 (3') (H221111-04)

BTEx 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	03/22/2022	ND	1.90	94.8	2.00	3.97	
Toluene*	20.8	0.500	03/22/2022	ND	1.97	98.5	2.00	4.02	
Ethylbenzene*	6.60	0.500	03/22/2022	ND	1.92	96.0	2.00	3.69	
Total Xylenes*	117	1.50	03/22/2022	ND	5.97	99.4	6.00	3.91	
Total BTEX	145	3.00	03/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 135 % 69.9-140

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	03/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	912	10.0	03/21/2022	ND	200	99.9	200	1.77	
DRO >C10-C28*	656	10.0	03/21/2022	ND	205	103	200	4.42	
EXT DRO >C28-C36	24.3	10.0	03/21/2022	ND					

Surrogate: 1-Chlorooctane 153 % 66.9-136

Surrogate: 1-Chlorooctadecane 139 % 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: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 1 (4') (H221111-05)

BTEx 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	03/22/2022	ND	1.90	94.8	2.00	3.97	
Toluene*	50.3	1.00	03/22/2022	ND	1.97	98.5	2.00	4.02	
Ethylbenzene*	13.9	1.00	03/22/2022	ND	1.92	96.0	2.00	3.69	
Total Xylenes*	241	3.00	03/22/2022	ND	5.97	99.4	6.00	3.91	
Total BTEX	305	6.00	03/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 131 % 69.9-140

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	03/22/2022	ND	432	108	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*	8440	50.0	03/21/2022	ND	200	99.9	200	1.77	
DRO >C10-C28*	6400	50.0	03/21/2022	ND	205	103	200	4.42	
EXT DRO >C28-C36	258	50.0	03/21/2022	ND					

Surrogate: 1-Chlorooctane 452 % 66.9-136

Surrogate: 1-Chlorooctadecane 156 % 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: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 1 (5') (H221111-06)

BTEx 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.01	1.00	03/22/2022	ND	1.90	94.8	2.00	3.97	
Toluene*	51.1	1.00	03/22/2022	ND	1.97	98.5	2.00	4.02	
Ethylbenzene*	16.0	1.00	03/22/2022	ND	1.92	96.0	2.00	3.69	
Total Xylenes*	269	3.00	03/22/2022	ND	5.97	99.4	6.00	3.91	
Total BTEX	337	6.00	03/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 136 % 69.9-140

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	03/22/2022	ND	432	108	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*	6920	50.0	03/21/2022	ND	200	99.9	200	1.77	
DRO >C10-C28*	5550	50.0	03/21/2022	ND	205	103	200	4.42	
EXT DRO >C28-C36	258	50.0	03/21/2022	ND					

Surrogate: 1-Chlorooctane 399 % 66.9-136

Surrogate: 1-Chlorooctadecane 153 % 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: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 1 (6') (H221111-07)

BTX 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	03/22/2022	ND	1.90	94.8	2.00	3.97	
Toluene*	0.145	0.050	03/22/2022	ND	1.97	98.5	2.00	4.02	
Ethylbenzene*	0.051	0.050	03/22/2022	ND	1.92	96.0	2.00	3.69	
Total Xylenes*	0.924	0.150	03/22/2022	ND	5.97	99.4	6.00	3.91	
Total BTX	1.12	0.300	03/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

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	03/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2022	ND	200	99.9	200	1.77	
DRO >C10-C28*	<10.0	10.0	03/21/2022	ND	205	103	200	4.42	
EXT DRO >C28-C36	<10.0	10.0	03/21/2022	ND					

Surrogate: 1-Chlorooctane 115 % 66.9-136

Surrogate: 1-Chlorooctadecane 121 % 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: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 1 (7') (H221111-08)

BTEx 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	03/22/2022	ND	1.90	94.8	2.00	3.97	
Toluene*	8.16	0.500	03/22/2022	ND	1.97	98.5	2.00	4.02	
Ethylbenzene*	5.31	0.500	03/22/2022	ND	1.92	96.0	2.00	3.69	
Total Xylenes*	89.9	1.50	03/22/2022	ND	5.97	99.4	6.00	3.91	
Total BTEX	103	3.00	03/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 136 % 69.9-140

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	03/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	2730	10.0	03/21/2022	ND	200	99.9	200	1.77	
DRO >C10-C28*	2360	10.0	03/21/2022	ND	205	103	200	4.42	
EXT DRO >C28-C36	138	10.0	03/21/2022	ND					

Surrogate: 1-Chlorooctane 237 % 66.9-136

Surrogate: 1-Chlorooctadecane 161 % 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: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 1 (8') (H221111-09)

BTEx 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	03/22/2022	ND	1.90	94.8	2.00	3.97	
Toluene*	19.5	1.00	03/22/2022	ND	1.97	98.5	2.00	4.02	
Ethylbenzene*	8.55	1.00	03/22/2022	ND	1.92	96.0	2.00	3.69	
Total Xylenes*	143	3.00	03/22/2022	ND	5.97	99.4	6.00	3.91	
Total BTEX	171	6.00	03/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 69.9-140

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	03/22/2022	ND	432	108	400	0.00	
TPH 8015M		mg/kg		Analyzed By: MS					
									S-06

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*	4260	50.0	03/21/2022	ND	200	99.9	200	1.77	
DRO >C10-C28*	3700	50.0	03/21/2022	ND	205	103	200	4.42	
EXT DRO >C28-C36	170	50.0	03/21/2022	ND					

Surrogate: 1-Chlorooctane 305 % 66.9-136

Surrogate: 1-Chlorooctadecane 146 % 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: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 1 (9') (H221111-10)

BTEx 8021B		mg/kg	Analyzed By: MS\					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	03/22/2022	ND	1.90	94.8	2.00	3.97	
Toluene*	25.7	0.500	03/22/2022	ND	1.97	98.5	2.00	4.02	
Ethylbenzene*	9.70	0.500	03/22/2022	ND	1.92	96.0	2.00	3.69	
Total Xylenes*	155	1.50	03/22/2022	ND	5.97	99.4	6.00	3.91	
Total BTEX	190	3.00	03/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 147 % 69.9-140

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	03/22/2022	ND	432	108	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*	4750	50.0	03/22/2022	ND	200	99.9	200	1.77	
DRO >C10-C28*	4190	50.0	03/22/2022	ND	205	103	200	4.42	
EXT DRO >C28-C36	205	50.0	03/22/2022	ND					

Surrogate: 1-Chlorooctane 338 % 66.9-136

Surrogate: 1-Chlorooctadecane 158 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 1 (10') (H221111-11)

BTEX 8021B	mg/kg	Analyzed By: MS\						S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.592	0.500	03/22/2022	ND	1.90	94.8	2.00	3.97	
Toluene*	35.0	0.500	03/22/2022	ND	1.97	98.5	2.00	4.02	
Ethylbenzene*	11.9	0.500	03/22/2022	ND	1.92	96.0	2.00	3.69	
Total Xylenes*	184	1.50	03/22/2022	ND	5.97	99.4	6.00	3.91	
Total BTEX	231	3.00	03/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 156 % 69.9-140

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	03/22/2022	ND	432	108	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*	6320	50.0	03/22/2022	ND	200	99.9	200	1.77	
DRO >C10-C28*	5280	50.0	03/22/2022	ND	205	103	200	4.42	
EXT DRO >C28-C36	250	50.0	03/22/2022	ND					

Surrogate: 1-Chlorooctane 408 % 66.9-136

Surrogate: 1-Chlorooctadecane 175 % 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: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 1 (11') (H221111-12)

BTEx 8021B		mg/kg	Analyzed By: MS\					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	03/22/2022	ND	1.90	94.8	2.00	3.97	
Toluene*	7.38	0.200	03/22/2022	ND	1.97	98.5	2.00	4.02	
Ethylbenzene*	3.54	0.200	03/22/2022	ND	1.92	96.0	2.00	3.69	
Total Xylenes*	61.5	0.600	03/22/2022	ND	5.97	99.4	6.00	3.91	
Total BTEX	72.4	1.20	03/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 160 % 69.9-140

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	03/22/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	881	10.0	03/21/2022	ND	200	99.9	200	1.77	
DRO >C10-C28*	871	10.0	03/21/2022	ND	205	103	200	4.42	
EXT DRO >C28-C36	36.5	10.0	03/21/2022	ND					

Surrogate: 1-Chlorooctane 163 % 66.9-136

Surrogate: 1-Chlorooctadecane 139 % 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: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 1 (12') (H221111-13)

BTX 8021B		mg/kg	Analyzed By: MS\					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	03/22/2022	ND	1.90	94.8	2.00	3.97	
Toluene*	6.76	0.200	03/22/2022	ND	1.97	98.5	2.00	4.02	
Ethylbenzene*	3.44	0.200	03/22/2022	ND	1.92	96.0	2.00	3.69	
Total Xylenes*	57.6	0.600	03/22/2022	ND	5.97	99.4	6.00	3.91	
Total BTX	67.8	1.20	03/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 160 % 69.9-140

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	03/22/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	867	10.0	03/21/2022	ND	200	99.9	200	1.77	
DRO >C10-C28*	971	10.0	03/21/2022	ND	205	103	200	4.42	
EXT DRO >C28-C36	51.1	10.0	03/21/2022	ND					

Surrogate: 1-Chlorooctane 161 % 66.9-136

Surrogate: 1-Chlorooctadecane 137 % 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: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 1 (13') (H221111-14)

BTEx 8021B		mg/kg	Analyzed By: MS\					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/22/2022	ND	1.90	94.8	2.00	3.97	
Toluene*	2.31	0.050	03/22/2022	ND	1.97	98.5	2.00	4.02	
Ethylbenzene*	1.36	0.050	03/22/2022	ND	1.92	96.0	2.00	3.69	
Total Xylenes*	22.2	0.150	03/22/2022	ND	5.97	99.4	6.00	3.91	
Total BTEX	25.8	0.300	03/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 206 % 69.9-140

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	03/22/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	432	10.0	03/21/2022	ND	200	99.9	200	1.77	
DRO >C10-C28*	538	10.0	03/21/2022	ND	205	103	200	4.42	
EXT DRO >C28-C36	20.2	10.0	03/21/2022	ND					

Surrogate: 1-Chlorooctane 142 % 66.9-136

Surrogate: 1-Chlorooctadecane 133 % 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: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 1 (14') (H221111-15)

BTEx 8021B		mg/kg	Analyzed By: MS\					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/22/2022	ND	1.90	94.8	2.00	3.97	
Toluene*	2.05	0.050	03/22/2022	ND	1.97	98.5	2.00	4.02	
Ethylbenzene*	1.10	0.050	03/22/2022	ND	1.92	96.0	2.00	3.69	
Total Xylenes*	18.4	0.150	03/22/2022	ND	5.97	99.4	6.00	3.91	
Total BTEX	21.6	0.300	03/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 189 % 69.9-140

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	03/22/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	449	10.0	03/21/2022	ND	200	99.9	200	1.77	
DRO >C10-C28*	561	10.0	03/21/2022	ND	205	103	200	4.42	
EXT DRO >C28-C36	26.3	10.0	03/21/2022	ND					

Surrogate: 1-Chlorooctane 162 % 66.9-136

Surrogate: 1-Chlorooctadecane 132 % 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: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 2 (0-1') (H221111-16)

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	03/21/2022	ND	1.87	93.5	2.00	7.73		
Toluene*	<0.050	0.050	03/21/2022	ND	1.92	95.8	2.00	7.99		
Ethylbenzene*	<0.050	0.050	03/21/2022	ND	1.94	97.1	2.00	7.59		
Total Xylenes*	<0.150	0.150	03/21/2022	ND	5.99	99.9	6.00	7.71		
Total BTEx	<0.300	0.300	03/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

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	03/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2022	ND	186	93.0	200	13.3	
DRO >C10-C28*	<10.0	10.0	03/21/2022	ND	176	88.1	200	14.7	
EXT DRO >C28-C36	<10.0	10.0	03/21/2022	ND					

Surrogate: 1-Chlorooctane 84.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.2 % 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: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 2 (1') (H221111-17)

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	03/21/2022	ND	1.87	93.5	2.00	7.73		
Toluene*	<0.050	0.050	03/21/2022	ND	1.92	95.8	2.00	7.99		
Ethylbenzene*	<0.050	0.050	03/21/2022	ND	1.94	97.1	2.00	7.59		
Total Xylenes*	<0.150	0.150	03/21/2022	ND	5.99	99.9	6.00	7.71		
Total BTEx	<0.300	0.300	03/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

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	03/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/22/2022	ND	186	93.0	200	13.3	
DRO >C10-C28*	<10.0	10.0	03/22/2022	ND	176	88.1	200	14.7	
EXT DRO >C28-C36	<10.0	10.0	03/22/2022	ND					

Surrogate: 1-Chlorooctane 86.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.1 % 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: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 2 (2') (H221111-18)

BTX 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	03/21/2022	ND	1.87	93.5	2.00	7.73		
Toluene*	<0.050	0.050	03/21/2022	ND	1.92	95.8	2.00	7.99		
Ethylbenzene*	<0.050	0.050	03/21/2022	ND	1.94	97.1	2.00	7.59		
Total Xylenes*	<0.150	0.150	03/21/2022	ND	5.99	99.9	6.00	7.71		
Total BTX	<0.300	0.300	03/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

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	03/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/22/2022	ND	186	93.0	200	13.3	
DRO >C10-C28*	<10.0	10.0	03/22/2022	ND	176	88.1	200	14.7	
EXT DRO >C28-C36	<10.0	10.0	03/22/2022	ND					

Surrogate: 1-Chlorooctane 87.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.8 % 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: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 2 (3') (H221111-19)

BTX 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	03/21/2022	ND	1.87	93.5	2.00	7.73		
Toluene*	<0.050	0.050	03/21/2022	ND	1.92	95.8	2.00	7.99		
Ethylbenzene*	<0.050	0.050	03/21/2022	ND	1.94	97.1	2.00	7.59		
Total Xylenes*	<0.150	0.150	03/21/2022	ND	5.99	99.9	6.00	7.71		
Total BTX	<0.300	0.300	03/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

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	03/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/22/2022	ND	186	93.0	200	13.3	
DRO >C10-C28*	<10.0	10.0	03/22/2022	ND	176	88.1	200	14.7	
EXT DRO >C28-C36	<10.0	10.0	03/22/2022	ND					

Surrogate: 1-Chlorooctane 89.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 2 (4') (H221111-20)

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	03/21/2022	ND	1.87	93.5	2.00	7.73		
Toluene*	<0.050	0.050	03/21/2022	ND	1.92	95.8	2.00	7.99		
Ethylbenzene*	<0.050	0.050	03/21/2022	ND	1.94	97.1	2.00	7.59		
Total Xylenes*	<0.150	0.150	03/21/2022	ND	5.99	99.9	6.00	7.71		
Total BTEX	<0.300	0.300	03/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

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	03/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/22/2022	ND	186	93.0	200	13.3	
DRO >C10-C28*	<10.0	10.0	03/22/2022	ND	176	88.1	200	14.7	
EXT DRO >C28-C36	<10.0	10.0	03/22/2022	ND					

Surrogate: 1-Chlorooctane 91.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.2 % 59.5-142

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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: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 2 (5') (H221111-21)

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	03/21/2022	ND	1.87	93.5	2.00	7.73		
Toluene*	<0.050	0.050	03/21/2022	ND	1.92	95.8	2.00	7.99		
Ethylbenzene*	<0.050	0.050	03/21/2022	ND	1.94	97.1	2.00	7.59		
Total Xylenes*	<0.150	0.150	03/21/2022	ND	5.99	99.9	6.00	7.71		
Total BTEx	<0.300	0.300	03/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

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	03/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/22/2022	ND	186	93.0	200	13.3	
DRO >C10-C28*	<10.0	10.0	03/22/2022	ND	176	88.1	200	14.7	
EXT DRO >C28-C36	<10.0	10.0	03/22/2022	ND					

Surrogate: 1-Chlorooctane 83.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.7 % 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: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 3 (0-1') (H221111-22)

BTX 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	03/22/2022	ND	1.87	93.5	2.00	7.73		
Toluene*	<0.050	0.050	03/22/2022	ND	1.92	95.8	2.00	7.99		
Ethylbenzene*	<0.050	0.050	03/22/2022	ND	1.94	97.1	2.00	7.59		
Total Xylenes*	<0.150	0.150	03/22/2022	ND	5.99	99.9	6.00	7.71		
Total BTX	<0.300	0.300	03/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

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	03/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/22/2022	ND	186	93.0	200	13.3	
DRO >C10-C28*	<10.0	10.0	03/22/2022	ND	176	88.1	200	14.7	
EXT DRO >C28-C36	<10.0	10.0	03/22/2022	ND					

Surrogate: 1-Chlorooctane 82.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.2 % 59.5-142

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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: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 3 (1') (H221111-23)

BTX 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	03/22/2022	ND	1.87	93.5	2.00	7.73		
Toluene*	<0.050	0.050	03/22/2022	ND	1.92	95.8	2.00	7.99		
Ethylbenzene*	<0.050	0.050	03/22/2022	ND	1.94	97.1	2.00	7.59		
Total Xylenes*	<0.150	0.150	03/22/2022	ND	5.99	99.9	6.00	7.71		
Total BTX	<0.300	0.300	03/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

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	03/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/22/2022	ND	186	93.0	200	13.3	
DRO >C10-C28*	<10.0	10.0	03/22/2022	ND	176	88.1	200	14.7	
EXT DRO >C28-C36	<10.0	10.0	03/22/2022	ND					

Surrogate: 1-Chlorooctane 83.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.1 % 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: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 3 (2') (H221111-24)

BTX 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	03/22/2022	ND	1.87	93.5	2.00	7.73		
Toluene*	<0.050	0.050	03/22/2022	ND	1.92	95.8	2.00	7.99		
Ethylbenzene*	<0.050	0.050	03/22/2022	ND	1.94	97.1	2.00	7.59		
Total Xylenes*	<0.150	0.150	03/22/2022	ND	5.99	99.9	6.00	7.71		
Total BTX	<0.300	0.300	03/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

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	03/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/22/2022	ND	186	93.0	200	13.3	
DRO >C10-C28*	<10.0	10.0	03/22/2022	ND	176	88.1	200	14.7	
EXT DRO >C28-C36	<10.0	10.0	03/22/2022	ND					

Surrogate: 1-Chlorooctane 85.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.1 % 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: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 3 (3') (H221111-25)

BTX 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	03/22/2022	ND	1.87	93.5	2.00	7.73		
Toluene*	<0.050	0.050	03/22/2022	ND	1.92	95.8	2.00	7.99		
Ethylbenzene*	<0.050	0.050	03/22/2022	ND	1.94	97.1	2.00	7.59		
Total Xylenes*	<0.150	0.150	03/22/2022	ND	5.99	99.9	6.00	7.71		
Total BTX	<0.300	0.300	03/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

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	03/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/22/2022	ND	186	93.0	200	13.3	
DRO >C10-C28*	<10.0	10.0	03/22/2022	ND	176	88.1	200	14.7	
EXT DRO >C28-C36	<10.0	10.0	03/22/2022	ND					

Surrogate: 1-Chlorooctane 83.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.5 % 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: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 3 (4') (H221111-26)

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	03/22/2022	ND	1.87	93.5	2.00	7.73	
Toluene*	<0.050	0.050	03/22/2022	ND	1.92	95.8	2.00	7.99	
Ethylbenzene*	<0.050	0.050	03/22/2022	ND	1.94	97.1	2.00	7.59	
Total Xylenes*	<0.150	0.150	03/22/2022	ND	5.99	99.9	6.00	7.71	
Total BTEX	<0.300	0.300	03/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

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	03/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/22/2022	ND	186	93.0	200	13.3	
DRO >C10-C28*	<10.0	10.0	03/22/2022	ND	176	88.1	200	14.7	
EXT DRO >C28-C36	<10.0	10.0	03/22/2022	ND					

Surrogate: 1-Chlorooctane 85.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.9 % 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: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 4 (0-1') (H221111-27)

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	03/22/2022	ND	1.87	93.5	2.00	7.73		
Toluene*	<0.050	0.050	03/22/2022	ND	1.92	95.8	2.00	7.99		
Ethylbenzene*	<0.050	0.050	03/22/2022	ND	1.94	97.1	2.00	7.59		
Total Xylenes*	<0.150	0.150	03/22/2022	ND	5.99	99.9	6.00	7.71		
Total BTEX	<0.300	0.300	03/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	03/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/22/2022	ND	186	93.0	200	13.3	
DRO >C10-C28*	<10.0	10.0	03/22/2022	ND	176	88.1	200	14.7	
EXT DRO >C28-C36	<10.0	10.0	03/22/2022	ND					

Surrogate: 1-Chlorooctane 85.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 4 (1') (H221111-28)

BTX 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	03/22/2022	ND	1.87	93.5	2.00	7.73		
Toluene*	<0.050	0.050	03/22/2022	ND	1.92	95.8	2.00	7.99		
Ethylbenzene*	<0.050	0.050	03/22/2022	ND	1.94	97.1	2.00	7.59		
Total Xylenes*	<0.150	0.150	03/22/2022	ND	5.99	99.9	6.00	7.71		
Total BTX	<0.300	0.300	03/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

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	03/22/2022	ND	432	108	400	0.00		

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/22/2022	ND	186	93.0	200	13.3		
DRO >C10-C28*	<10.0	10.0	03/22/2022	ND	176	88.1	200	14.7		
EXT DRO >C28-C36	<10.0	10.0	03/22/2022	ND						

Surrogate: 1-Chlorooctane 90.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.8 % 59.5-142

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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: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 4 (2') (H221111-29)

BTX 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	03/22/2022	ND	1.87	93.5	2.00	7.73		
Toluene*	<0.050	0.050	03/22/2022	ND	1.92	95.8	2.00	7.99		
Ethylbenzene*	<0.050	0.050	03/22/2022	ND	1.94	97.1	2.00	7.59		
Total Xylenes*	<0.150	0.150	03/22/2022	ND	5.99	99.9	6.00	7.71		
Total BTX	<0.300	0.300	03/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

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	03/22/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/22/2022	ND	186	93.0	200	13.3	
DRO >C10-C28*	<10.0	10.0	03/22/2022	ND	176	88.1	200	14.7	
EXT DRO >C28-C36	<10.0	10.0	03/22/2022	ND					

Surrogate: 1-Chlorooctane 90.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.4 % 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: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 4 (3') (H221111-30)

BTX 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	03/22/2022	ND	1.87	93.5	2.00	7.73		
Toluene*	<0.050	0.050	03/22/2022	ND	1.92	95.8	2.00	7.99		
Ethylbenzene*	<0.050	0.050	03/22/2022	ND	1.94	97.1	2.00	7.59		
Total Xylenes*	<0.150	0.150	03/22/2022	ND	5.99	99.9	6.00	7.71		
Total BTX	<0.300	0.300	03/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

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	03/22/2022	ND	400	100	400	3.92		

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	03/22/2022	ND	186	93.0	200	13.3	
DRO >C10-C28*	<10.0	10.0	03/22/2022	ND	176	88.1	200	14.7	
EXT DRO >C28-C36	<10.0	10.0	03/22/2022	ND					

Surrogate: 1-Chlorooctane 87.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.0 % 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: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 4 (4') (H221111-31)

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	03/22/2022	ND	1.87	93.5	2.00	7.73		
Toluene*	0.108	0.050	03/22/2022	ND	1.92	95.8	2.00	7.99		
Ethylbenzene*	<0.050	0.050	03/22/2022	ND	1.94	97.1	2.00	7.59		
Total Xylenes*	0.170	0.150	03/22/2022	ND	5.99	99.9	6.00	7.71		
Total BTEX	<0.300	0.300	03/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

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	03/22/2022	ND	400	100	400	3.92		

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	03/22/2022	ND	186	93.0	200	13.3	
DRO >C10-C28*	<10.0	10.0	03/22/2022	ND	176	88.1	200	14.7	
EXT DRO >C28-C36	<10.0	10.0	03/22/2022	ND					

Surrogate: 1-Chlorooctane 92.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.7 % 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: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 4 (5') (H221111-32)

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	03/22/2022	ND	1.87	93.5	2.00	7.73		
Toluene*	<0.050	0.050	03/22/2022	ND	1.92	95.8	2.00	7.99		
Ethylbenzene*	<0.050	0.050	03/22/2022	ND	1.94	97.1	2.00	7.59		
Total Xylenes*	<0.150	0.150	03/22/2022	ND	5.99	99.9	6.00	7.71		
Total BTEx	<0.300	0.300	03/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/22/2022	ND	400	100	400	3.92	

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	03/22/2022	ND	186	93.0	200	13.3	
DRO >C10-C28*	<10.0	10.0	03/22/2022	ND	176	88.1	200	14.7	
EXT DRO >C28-C36	<10.0	10.0	03/22/2022	ND					

Surrogate: 1-Chlorooctane 89.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.1 % 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: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 5 (0-1') (H221111-33)

BTX 8021B		mg/kg	Analyzed By: MS\					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/22/2022	ND	1.87	93.5	2.00	7.73	
Toluene*	1.44	0.050	03/22/2022	ND	1.92	95.8	2.00	7.99	
Ethylbenzene*	<0.050	0.050	03/22/2022	ND	1.94	97.1	2.00	7.59	
Total Xylenes*	27.5	0.150	03/22/2022	ND	5.99	99.9	6.00	7.71	GC-NC1
Total BTX	29.0	0.300	03/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 322 % 69.9-140

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	03/22/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg	Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	922	10.0	03/22/2022	ND	186	93.0	200	13.3	
DRO >C10-C28*	2310	10.0	03/22/2022	ND	176	88.1	200	14.7	
EXT DRO >C28-C36	128	10.0	03/22/2022	ND					

Surrogate: 1-Chlorooctane 166 % 66.9-136

Surrogate: 1-Chlorooctadecane 115 % 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: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 5 (1') (H221111-34)

BTEx 8021B		mg/kg	Analyzed By: MS\					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.446	0.200	03/22/2022	ND	1.87	93.5	2.00	7.73	
Toluene*	7.88	0.200	03/22/2022	ND	1.92	95.8	2.00	7.99	
Ethylbenzene*	1.17	0.200	03/22/2022	ND	1.94	97.1	2.00	7.59	
Total Xylenes*	75.0	0.600	03/22/2022	ND	5.99	99.9	6.00	7.71	
Total BTEx	84.5	1.20	03/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 156 % 69.9-140

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	03/22/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg	Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1430	10.0	03/22/2022	ND	186	93.0	200	13.3	
DRO >C10-C28*	1420	10.0	03/22/2022	ND	176	88.1	200	14.7	
EXT DRO >C28-C36	108	10.0	03/22/2022	ND					

Surrogate: 1-Chlorooctane 138 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

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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: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 5 (2') (H221111-35)

BTX 8021B		mg/kg	Analyzed By: MS\					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.381	0.200	03/22/2022	ND	1.87	93.5	2.00	7.73	
Toluene*	8.99	0.200	03/22/2022	ND	1.92	95.8	2.00	7.99	
Ethylbenzene*	1.02	0.200	03/22/2022	ND	1.94	97.1	2.00	7.59	
Total Xylenes*	60.7	0.600	03/22/2022	ND	5.99	99.9	6.00	7.71	
Total BTX	71.1	1.20	03/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 153 % 69.9-140

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	03/22/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	451	10.0	03/22/2022	ND	186	93.0	200	13.3	
DRO >C10-C28*	524	10.0	03/22/2022	ND	176	88.1	200	14.7	
EXT DRO >C28-C36	27.5	10.0	03/22/2022	ND					

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.1 % 59.5-142

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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: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 5 (3') (H221111-36)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	03/22/2022	ND	1.88	94.2	2.00	3.22	
Toluene*	29.4	1.00	03/22/2022	ND	1.93	96.6	2.00	4.76	
Ethylbenzene*	3.39	1.00	03/22/2022	ND	1.89	94.7	2.00	3.35	
Total Xylenes*	112	3.00	03/22/2022	ND	5.92	98.7	6.00	3.05	
Total BTEX	145	6.00	03/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 69.9-140

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	03/22/2022	ND	400	100	400	3.92		
TPH 8015M		mg/kg		Analyzed By: MS						S-04

Surrogate: 1-Chlorooctane 286 % 66.9-136

Surrogate: 1-Chlorooctadecane 122 % 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: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 5 (4') (H221111-37)

BTEx 8021B		mg/kg	Analyzed By: MS\					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	03/22/2022	ND	1.88	94.2	2.00	3.22	
Toluene*	7.48	0.200	03/22/2022	ND	1.93	96.6	2.00	4.76	
Ethylbenzene*	1.86	0.200	03/22/2022	ND	1.89	94.7	2.00	3.35	
Total Xylenes*	37.9	0.600	03/22/2022	ND	5.92	98.7	6.00	3.05	
Total BTEX	47.3	1.20	03/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 146 % 69.9-140

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/22/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg	Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	775	10.0	03/21/2022	ND	183	91.3	200	4.70	
DRO >C10-C28*	890	10.0	03/21/2022	ND	214	107	200	2.36	
EXT DRO >C28-C36	54.1	10.0	03/21/2022	ND					

Surrogate: 1-Chlorooctane 192 % 66.9-136

Surrogate: 1-Chlorooctadecane 115 % 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: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 5 (5') (H221111-38)

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	03/22/2022	ND	1.88	94.2	2.00	3.22	
Toluene*	0.051	0.050	03/22/2022	ND	1.93	96.6	2.00	4.76	
Ethylbenzene*	<0.050	0.050	03/22/2022	ND	1.89	94.7	2.00	3.35	
Total Xylenes*	0.433	0.150	03/22/2022	ND	5.92	98.7	6.00	3.05	
Total BTEX	0.484	0.300	03/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

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	03/22/2022	ND	400	100	400	3.92		

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	03/21/2022	ND	183	91.3	200	4.70	
DRO >C10-C28*	<10.0	10.0	03/21/2022	ND	214	107	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	03/21/2022	ND					

Surrogate: 1-Chlorooctane 99.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 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: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 5 (6') (H221111-39)

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	03/22/2022	ND	1.88	94.2	2.00	3.22		
Toluene*	<0.050	0.050	03/22/2022	ND	1.93	96.6	2.00	4.76		
Ethylbenzene*	<0.050	0.050	03/22/2022	ND	1.89	94.7	2.00	3.35		
Total Xylenes*	<0.150	0.150	03/22/2022	ND	5.92	98.7	6.00	3.05		
Total BTEx	<0.300	0.300	03/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

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	03/22/2022	ND	400	100	400	3.92	

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	03/21/2022	ND	183	91.3	200	4.70	
DRO >C10-C28*	<10.0	10.0	03/21/2022	ND	214	107	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	03/21/2022	ND					

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 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: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 5 (7') (H221111-40)

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	03/22/2022	ND	1.88	94.2	2.00	3.22		
Toluene*	<0.050	0.050	03/22/2022	ND	1.93	96.6	2.00	4.76		
Ethylbenzene*	<0.050	0.050	03/22/2022	ND	1.89	94.7	2.00	3.35		
Total Xylenes*	<0.150	0.150	03/22/2022	ND	5.92	98.7	6.00	3.05		
Total BTEx	<0.300	0.300	03/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

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	03/22/2022	ND	400	100	400	3.92	

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	03/22/2022	ND	183	91.3	200	4.70	
DRO >C10-C28*	<10.0	10.0	03/22/2022	ND	214	107	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	03/22/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 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: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 5 (8') (H221111-41)

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	03/22/2022	ND	1.88	94.2	2.00	3.22	
Toluene*	<0.050	0.050	03/22/2022	ND	1.93	96.6	2.00	4.76	
Ethylbenzene*	<0.050	0.050	03/22/2022	ND	1.89	94.7	2.00	3.35	
Total Xylenes*	<0.150	0.150	03/22/2022	ND	5.92	98.7	6.00	3.05	
Total BTEx	<0.300	0.300	03/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/22/2022	ND	400	100	400	3.92	

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	03/22/2022	ND	183	91.3	200	4.70	
DRO >C10-C28*	<10.0	10.0	03/22/2022	ND	214	107	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	03/22/2022	ND					

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 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: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 6 (0-1') (H221111-42)

BTEx 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.121	0.050	03/22/2022	ND	1.88	94.2	2.00	3.22	
Toluene*	0.718	0.050	03/22/2022	ND	1.93	96.6	2.00	4.76	
Ethylbenzene*	0.379	0.050	03/22/2022	ND	1.89	94.7	2.00	3.35	
Total Xylenes*	12.1	0.150	03/22/2022	ND	5.92	98.7	6.00	3.05	
Total BTEx	13.3	0.300	03/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 166 % 69.9-140

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	03/22/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	196	10.0	03/22/2022	ND	183	91.3	200	4.70	
DRO >C10-C28*	904	10.0	03/22/2022	ND	214	107	200	2.36	
EXT DRO >C28-C36	66.5	10.0	03/22/2022	ND					

Surrogate: 1-Chlorooctane 147 % 66.9-136

Surrogate: 1-Chlorooctadecane 120 % 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: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 6 (1') (H221111-43)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.57	0.200	03/22/2022	ND	1.88	94.2	2.00	3.22	
Toluene*	1.52	0.200	03/22/2022	ND	1.93	96.6	2.00	4.76	
Ethylbenzene*	3.08	0.200	03/22/2022	ND	1.89	94.7	2.00	3.35	
Total Xylenes*	38.9	0.600	03/22/2022	ND	5.92	98.7	6.00	3.05	
Total BTX	45.1	1.20	03/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 126 % 69.9-140

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	03/22/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	137	10.0	03/22/2022	ND	183	91.3	200	4.70	
DRO >C10-C28*	239	10.0	03/22/2022	ND	214	107	200	2.36	
EXT DRO >C28-C36	28.9	10.0	03/22/2022	ND					

Surrogate: 1-Chlorooctane 114 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 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: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 6 (2') (H221111-44)

BTX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.129	0.050	03/22/2022	ND	1.88	94.2	2.00	3.22	
Toluene*	0.967	0.050	03/22/2022	ND	1.93	96.6	2.00	4.76	
Ethylbenzene*	0.369	0.050	03/22/2022	ND	1.89	94.7	2.00	3.35	
Total Xylenes*	7.63	0.150	03/22/2022	ND	5.92	98.7	6.00	3.05	
Total BTX	9.10	0.300	03/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 183 % 69.9-140

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	03/22/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	130	10.0	03/22/2022	ND	183	91.3	200	4.70	
DRO >C10-C28*	283	10.0	03/22/2022	ND	214	107	200	2.36	
EXT DRO >C28-C36	24.5	10.0	03/22/2022	ND					

Surrogate: 1-Chlorooctane 112 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.5 % 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: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 6 (3') (H221111-45)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.48	0.200	03/22/2022	ND	1.88	94.2	2.00	3.22	
Toluene*	11.4	0.200	03/22/2022	ND	1.93	96.6	2.00	4.76	
Ethylbenzene*	1.91	0.200	03/22/2022	ND	1.89	94.7	2.00	3.35	
Total Xylenes*	61.7	0.600	03/22/2022	ND	5.92	98.7	6.00	3.05	
Total BTEX	76.6	1.20	03/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 128 % 69.9-140

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	03/22/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	214	10.0	03/22/2022	ND	183	91.3	200	4.70	
DRO >C10-C28*	185	10.0	03/22/2022	ND	214	107	200	2.36	
EXT DRO >C28-C36	24.4	10.0	03/22/2022	ND					

Surrogate: 1-Chlorooctane 114 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

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

Received: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 6 (4') (H221111-46)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	03/22/2022	ND	1.88	94.2	2.00	3.22	
Toluene*	9.44	0.500	03/22/2022	ND	1.93	96.6	2.00	4.76	
Ethylbenzene*	2.56	0.500	03/22/2022	ND	1.89	94.7	2.00	3.35	
Total Xylenes*	47.9	1.50	03/22/2022	ND	5.92	98.7	6.00	3.05	
Total BTEX	59.9	3.00	03/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 69.9-140

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	03/22/2022	ND	400	100	400	3.92	

TPH 8015M	mg/kg		Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	709	10.0	03/22/2022	ND	183	91.3	200	4.70	
DRO >C10-C28*	1040	10.0	03/22/2022	ND	214	107	200	2.36	
EXT DRO >C28-C36	74.3	10.0	03/22/2022	ND					

Surrogate: 1-Chlorooctane 184 % 66.9-136

Surrogate: 1-Chlorooctadecane 110 % 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: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 6 (5') (H221111-47)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	6.20	2.00	03/22/2022	ND	1.88	94.2	2.00	3.22		
Toluene*	127	2.00	03/22/2022	ND	1.93	96.6	2.00	4.76		
Ethylbenzene*	18.8	2.00	03/22/2022	ND	1.89	94.7	2.00	3.35		
Total Xylenes*	308	6.00	03/22/2022	ND	5.92	98.7	6.00	3.05		
Total BTEX	460	12.0	03/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

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	03/22/2022	ND	400	100	400	3.92	
TPH 8015M	mg/kg		Analyzed By: MS						S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	5170	10.0	03/22/2022	ND	183	91.3	200	4.70	
DRO >C10-C28*	3100	10.0	03/22/2022	ND	214	107	200	2.36	
EXT DRO >C28-C36	174	10.0	03/22/2022	ND					

Surrogate: 1-Chlorooctane 251 % 66.9-136

Surrogate: 1-Chlorooctadecane 132 % 59.5-142

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

Received: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 6 (6') (H221111-48)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	3.93	1.00	03/22/2022	ND	1.88	94.2	2.00	3.22	
Toluene*	98.6	1.00	03/22/2022	ND	1.93	96.6	2.00	4.76	
Ethylbenzene*	14.5	1.00	03/22/2022	ND	1.89	94.7	2.00	3.35	
Total Xylenes*	226	3.00	03/22/2022	ND	5.92	98.7	6.00	3.05	
Total BTEx	343	6.00	03/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 123 % 69.9-140

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	03/22/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	2400	10.0	03/22/2022	ND	183	91.3	200	4.70	
DRO >C10-C28*	1660	10.0	03/22/2022	ND	214	107	200	2.36	
EXT DRO >C28-C36	103	10.0	03/22/2022	ND					

Surrogate: 1-Chlorooctane 245 % 66.9-136

Surrogate: 1-Chlorooctadecane 128 % 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: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 6 (7') (H221111-49)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	3.65	1.00	03/22/2022	ND	1.88	94.2	2.00	3.22	
Toluene*	88.0	1.00	03/22/2022	ND	1.93	96.6	2.00	4.76	
Ethylbenzene*	12.9	1.00	03/22/2022	ND	1.89	94.7	2.00	3.35	
Total Xylenes*	211	3.00	03/22/2022	ND	5.92	98.7	6.00	3.05	
Total BTEX	316	6.00	03/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 124 % 69.9-140

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	03/22/2022	ND	400	100	400	3.92	
TPH 8015M		mg/kg		Analyzed By: MS					
				S-04					

Surrogate: 1-Chlorooctane 249 % 66.9-136

Surrogate: 1-Chlorooctadecane 130 % 59.5-142

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Received: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 6 (8') (H221111-50)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.889	0.500	03/22/2022	ND	1.88	94.2	2.00	3.22	
Toluene*	35.1	0.500	03/22/2022	ND	1.93	96.6	2.00	4.76	
Ethylbenzene*	7.33	0.500	03/22/2022	ND	1.89	94.7	2.00	3.35	
Total Xylenes*	115	1.50	03/22/2022	ND	5.92	98.7	6.00	3.05	
Total BTEX	159	3.00	03/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 135 % 69.9-140

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	03/22/2022	ND	400	100	400	3.92	
TPH 8015M		mg/kg		Analyzed By: MS					
				S-04					

Surrogate: 1-Chlorooctane 155 % 66.9-136

Surrogate: 1-Chlorooctadecane 113 % 59.5-142

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 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 6 (9') (H221111-51)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	5.61	0.500	03/22/2022	ND	1.88	94.2	2.00	3.22	
Toluene*	96.2	0.500	03/22/2022	ND	1.93	96.6	2.00	4.76	
Ethylbenzene*	14.8	0.500	03/22/2022	ND	1.89	94.7	2.00	3.35	
Total Xylenes*	220	1.50	03/22/2022	ND	5.92	98.7	6.00	3.05	
Total BTEX	337	3.00	03/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 140 % 69.9-140

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	03/22/2022	ND	400	100	400	3.92	
TPH 8015M	mg/kg		Analyzed By: MS						S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1240	10.0	03/22/2022	ND	183	91.3	200	4.70	
DRO >C10-C28*	1030	10.0	03/22/2022	ND	214	107	200	2.36	
EXT DRO >C28-C36	55.2	10.0	03/22/2022	ND					

Surrogate: 1-Chlorooctane 149 % 66.9-136

Surrogate: 1-Chlorooctadecane 117 % 59.5-142

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 Fax To:

Received: 03/21/2022
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 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 6 (10') (H221111-52)

BTX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.144	0.050	03/22/2022	ND	1.88	94.2	2.00	3.22	
Toluene*	2.67	0.050	03/22/2022	ND	1.93	96.6	2.00	4.76	
Ethylbenzene*	0.892	0.050	03/22/2022	ND	1.89	94.7	2.00	3.35	
Total Xylenes*	13.9	0.150	03/22/2022	ND	5.92	98.7	6.00	3.05	
Total BTX	17.7	0.300	03/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 154 % 69.9-140

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	03/22/2022	ND	400	100	400	3.92	

TPH 8015M			mg/kg					Analyzed By: MS	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	183	10.0	03/22/2022	ND	183	91.3	200	4.70	
DRO >C10-C28*	242	10.0	03/22/2022	ND	214	107	200	2.36	
EXT DRO >C28-C36	14.8	10.0	03/22/2022	ND					

Surrogate: 1-Chlorooctane 110 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.0 % 59.5-142

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Received: 03/21/2022
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 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 6 (11') (H221111-53)

BTX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.383	0.100	03/22/2022	ND	1.88	94.2	2.00	3.22	
Toluene*	8.94	0.100	03/22/2022	ND	1.93	96.6	2.00	4.76	
Ethylbenzene*	2.18	0.100	03/22/2022	ND	1.89	94.7	2.00	3.35	
Total Xylenes*	32.1	0.300	03/22/2022	ND	5.92	98.7	6.00	3.05	
Total BTX	43.6	0.600	03/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 151 % 69.9-140

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	03/22/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	370	10.0	03/22/2022	ND	183	91.3	200	4.70	
DRO >C10-C28*	406	10.0	03/22/2022	ND	214	107	200	2.36	
EXT DRO >C28-C36	18.0	10.0	03/22/2022	ND					

Surrogate: 1-Chlorooctane 129 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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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: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 6 (12') (H221111-54)

BTX 8021B		mg/kg	Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.361	0.100	03/22/2022	ND	1.88	94.2	2.00	3.22	
Toluene*	11.3	0.100	03/22/2022	ND	1.93	96.6	2.00	4.76	
Ethylbenzene*	2.37	0.100	03/22/2022	ND	1.89	94.7	2.00	3.35	
Total Xylenes*	34.6	0.300	03/22/2022	ND	5.92	98.7	6.00	3.05	
Total BTX	48.7	0.600	03/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 156 % 69.9-140

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	03/22/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	302	10.0	03/22/2022	ND	183	91.3	200	4.70	
DRO >C10-C28*	257	10.0	03/22/2022	ND	214	107	200	2.36	
EXT DRO >C28-C36	12.7	10.0	03/22/2022	ND					

Surrogate: 1-Chlorooctane 115 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 6 (13') (H221111-55)

BTX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.320	0.100	03/22/2022	ND	1.88	94.2	2.00	3.22	
Toluene*	8.65	0.100	03/22/2022	ND	1.93	96.6	2.00	4.76	
Ethylbenzene*	2.25	0.100	03/22/2022	ND	1.89	94.7	2.00	3.35	
Total Xylenes*	34.4	0.300	03/22/2022	ND	5.92	98.7	6.00	3.05	
Total BTX	45.6	0.600	03/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 158 % 69.9-140

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	03/22/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	295	10.0	03/22/2022	ND	183	91.3	200	4.70	
DRO >C10-C28*	382	10.0	03/22/2022	ND	214	107	200	2.36	
EXT DRO >C28-C36	18.0	10.0	03/22/2022	ND					

Surrogate: 1-Chlorooctane 131 % 66.9-136

Surrogate: 1-Chlorooctadecane 100 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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: 03/21/2022
 Reported: 03/22/2022
 Project Name: HUMIDOR STATE UNIT #2
 Project Number: 1017
 Project Location: EOG - EDDY CO NM

Sampling Date: 03/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 6 (14') (H221111-56)

BTEx 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.933	0.500	03/22/2022	ND	1.86	93.1	2.00	6.09	
Toluene*	20.3	0.500	03/22/2022	ND	1.95	97.6	2.00	9.26	
Ethylbenzene*	4.05	0.500	03/22/2022	ND	1.91	95.6	2.00	8.43	
Total Xylenes*	69.5	1.50	03/22/2022	ND	6.15	103	6.00	8.75	
Total BTEX	94.8	3.00	03/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 69.9-140

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	03/22/2022	ND	400	100	400	3.92		

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	196	10.0	03/22/2022	ND	206	103	200	0.241	
DRO >C10-C28*	236	10.0	03/22/2022	ND	203	102	200	2.36	
EXT DRO >C28-C36	10.3	10.0	03/22/2022	ND					

Surrogate: 1-Chlorooctane 93.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.4 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager

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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.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: H221111

Page 1 of 6

Project Manager:	Conner Moehring	Bill To: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 415	Address:	5509 Champions Drive
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland TX, 79706
Phone:	432-813-6823	Email:	Todd_wells@eogresources.com

Work Order Comments	
Program: UST/PT	<input type="checkbox"/> RRP <input type="checkbox"/> rownfields <input type="checkbox"/> RC <input type="checkbox"/> JRC <input type="checkbox"/> JRC
State of Project:	<input type="checkbox"/> Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	Humidor State Unit #2	Turn Around	Due Date:	24 Hrs	Parameters	ANALYSIS REQUEST	Preservative Codes
Project Number:	1017	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush					None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₅ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
Project Location:	Eddy Co. NM						DI Water: H ₂ O MeOH: Me HNO ₃ : HN NaOH: Na
Sampler's Name:	CRM/CM						
PO #:							
SAMPLE RECEIPT	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			
Received In tact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:					
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:					
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:					
Total Containers:		Corrected Temperature:					
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Sample Comments
T-1 (0-1')	3/21/2022		X		G	1	
T-1 (1')	3/21/2022		X		G	1	
T-1 (2')	3/21/2022		X		G	1	
T-1 (3')	3/21/2022		X		G	1	
T-1 (4')	3/21/2022		X		G	1	
T-1 (5')	3/21/2022		X		G	1	
T-1 (6')	3/21/2022		X		G	1	
T-1 (7')	3/21/2022		X		G	1	
T-1 (8')	3/21/2022		X		G	1	
T-1 (9')	3/21/2022		X		G	1	

Comments:

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		3-21-22 1530			

Chain of Custody

Work Order No: H221111

Page 2 of 6

Project Manager:	Conner Moeheing	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 415	Address:	5509 Champions Drive
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland TX, 79706
Phone:	432-813-6823	Email:	Todd_wells@eogresources.com

Project Name:	Humidor State Unit #2	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Due Date:	24 Hrs
Project Number:	1017	TAT starts the day received by the lab, if received by 4:30pm			
Project Location:	Eddy Co, NM				
Sampler's Name:	CRM/CM				
PO #:					

Sample Identification							Sample Comments																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
Date	Time	Soil	Water	Grab/ Comp	# of Cont	TPH																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										</

Comments:

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<i>[Signature]</i>	<i>[Signature]</i>	3-21-22 1536			

Chain of Custody

Work Order No: 4221111

Page 3 of 6

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 415	Address:	5509 Champions Drive
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland TX, 79706
Phone:	432-813-6823	Email:	Todd_wells@eogresources.com

Project Name:	Humidor State Unit #2	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	
Project Number:	1017	Due Date:	24 Hrs		
Project Location:	Eddy Co. NM	TAT starts the day received by the lab, if received by 4:30pm			
Sampler's Name:	CRM/CM				
PO #:					

SAMPLE RECEIPT				Parameters	
Received Intact:	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:			
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:			
Total Containers:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:			
		Corrected Temperature:			
Sample Identification				# of Cont	
T-2 (5')	3/21/2022			1	X
T-3 (0-1')	3/21/2022			1	X
T-3 (1')	3/21/2022			1	X
T-3 (2')	3/21/2022			1	X
T-3 (3')	3/21/2022			1	X
T-3 (4')	3/21/2022			1	X
T-4 (0-1')	3/21/2022			1	X
T-4 (1')	3/21/2022			1	X
T-4 (2')	3/21/2022			1	X
T-4 (3')	3/21/2022			1	X

Comments:

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Rowfields <input type="checkbox"/> JRC <input type="checkbox"/> perfund <input type="checkbox"/>	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Preservative Codes	
None: NO	DI Water: H ₂ O
Cool: Cool	MeOH: Me
HCL: HC	HNO ₃ : HN
H ₂ SO ₄ : H ₂	NaOH: Na
H ₃ PO ₄ : HP	
NaHSO ₄ : NABIS	
Na ₂ S ₂ O ₅ : NaSO ₃	
Zn Acetate+NaOH: Zn	
NaOH+Ascorbic Acid: SAPC	

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		3-21-22 1530			

Chain of Custody

Work Order No: 4221111

Page 4 of 6

Project Manager:	Conner Moehring	Bill To: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 415	Address:	5509 Champions Drive
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland TX, 79706
Phone:	432-813-6823	Email:	Todd_wells@eogresources.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Rowfields <input type="checkbox"/> RC <input type="checkbox"/> Pertund <input type="checkbox"/>	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:		Humidor State Unit #2		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number:		1017		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush														None: NO	DI Water: H ₂ O	
Project Location		Eddy Co. NM		Due Date:		24 Hrs												Cool: Cool	MeOH: Me	
Sampler's Name:		CRM/CM		TAT starts the day received by the lab, if received by 4:30pm															HCL: HC	HNO ₃ : HN
PO #:															H ₂ SO ₄ : H ₂	NaOH: Na				
SAMPLE RECEIPT				Temp Blank:	Yes <input checked="" type="radio"/> No <input type="radio"/>	Wet Ice:	Yes <input checked="" type="radio"/> No <input type="radio"/>	Parameters												H ₃ PO ₄ : HP
Received Intact:				Yes <input checked="" type="radio"/> No <input type="radio"/>	Thermometer ID:	#113												NaHSO ₄ : NABIS		
Cooler Custody Seals:				Yes <input type="radio"/> No <input checked="" type="radio"/> N/A	Correction Factor:	-0.5°C												Na ₂ S ₂ O ₃ : NaSO ₃		
Sample Custody Seals:				Yes <input type="radio"/> No <input checked="" type="radio"/> N/A	Temperature Reading:	6.5°C												Zn Acetate+NaOH: Zn		
Total Containers:					Corrected Temperature:	6.0°C												NaOH+Ascorbic Acid: SAPC		
Sample Identification			Date	Time	Soil	Water	Grab/Comp	# of Cont	BTX 8021B										HOLD	
									TPH 8015M (GRO + DRO + MRO)											
									Chloride 4500											
T-4 (4)			3/21/2022		X		G	1	X	X	X									
T-4 (5)			3/21/2022		X		G	1	X	X	X									
T-5 (0-1)			3/21/2022		X		G	1	X	X	X									
T-5 (1)			3/21/2022		X		G	1	X	X	X									
T-5 (2)			3/21/2022		X		G	1	X	X	X									
T-5 (3)			3/21/2022		X		G	1	X	X	X									
T-5 (4)			3/21/2022		X		G	1	X	X	X									
T-5 (5)			3/21/2022		X		G	1	X	X	X									
T-5 (6)			3/21/2022		X		G	1	X	X	X									
T-5 (7)			3/21/2022		X		G	1	X	X	X									
Sample Comments																				

Comments:

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	3-21-22 1530			

Chain of Custody

Work Order No: H201111

Page 5 of 6

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 415	Address:	5509 Champions Drive
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland TX, 79706
Phone:	432-813-6823	Email:	Todd_wells@eogresources.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Rowfields <input type="checkbox"/> JRC <input type="checkbox"/> perfund <input type="checkbox"/>	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:		Humidor State Unit #2		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
Project Number:	1017	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush																None: NO	DI Water: H ₂ O																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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Comments:

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<i>[Signature]</i>	<i>[Signature]</i>	3-21-22 1530			

Chain of Custody

Work Order No: 481111

Page 6 of 6

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 415	Address:	5509 Champions Drive
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland TX, 79706
Phone:	432-813-6823	Email:	Todd_wells@eogresources.com

Project Name:	Humidor State Unit #2	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Due Date:	24 Hrs
Project Number:	1017	TAT starts the day received by the lab, if received by 4:30pm			
Project Location:	Eddy Co, NM				
Sampler's Name:	CRM/CM				
PO #:					

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	TPH																Sample Comments																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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<i>[Signature]</i>	<i>[Signature]</i>	3-21-22 1530 ²			



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-13981-1

Laboratory Sample Delivery Group: Eddy Co, NM
Client Project/Site: Humidor State Unit #2

For:

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

Attn: Conner Moehring

A handwritten signature in black ink that reads "Jessica Kramer".

Authorized for release by:
4/27/2022 5:59:31 PM

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

LINKS

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results through

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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.

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Laboratory Job ID: 880-13981-1
SDG: Eddy Co, NM

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

Job ID: 880-13981-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-13981-1

Receipt

The samples were received on 4/22/2022 11:06 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 1.1°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-24098 and analytical batch 880-23985 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 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-24101 and analytical batch 880-24221 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 8021B: The laboratory control sample (LCS) associated with preparation batch 880-24099 and analytical batch 880-24304 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: BH-1 (20') (880-13981-13), BH-1 (30') (880-13981-15), BH-1 (35') (880-13981-16) and BH-1 (40') (880-13981-17). Elevated reporting limits (RLs) are provided.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-24169 and analytical batch 880-24221 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 8021B: The following samples were diluted due to the nature of the sample matrix: BH-2 (0-1') (880-13981-20), BH-2 (2') (880-13981-21) and BH-2 (3') (880-13981-22). Elevated reporting limits (RLs) are provided.

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 880-24048 and analytical batch 880-24105 recovered outside control limits for the following analytes: <AffectedAnalytes>.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: BH-1 (0-1') (880-13981-1), BH-1 (2') (880-13981-2), BH-1 (4') (880-13981-4), BH-1 (5') (880-13981-5), BH-1 (7') (880-13981-6), BH-1 (10') (880-13981-7), BH-1 (16') (880-13981-9), BH-1 (18') (880-13981-11), BH-1 (40') (880-13981-17), BH-2 (0-1') (880-13981-20), BH-2 (4') (880-13981-23), BH-2 (7') (880-13981-25), BH-2 (10') (880-13981-26), BH-2 (18') (880-13981-30), BH-2 (20') (880-13981-32), (LCS 880-24047/2-A), (LCSD 880-24047/3-A) and (MB 880-24048/1-A). Evidence of matrix interferences is not obvious.

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

HPLC/IC

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

Client Sample Results

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

Client Sample ID: BH-1 (0-1')

Lab Sample ID: 880-13981-1

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/23/22 12:22	04/24/22 00:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/23/22 12:22	04/24/22 00:33	1
Ethylbenzene	0.0122		0.00199		mg/Kg		04/23/22 12:22	04/24/22 00:33	1
m-Xylene & p-Xylene	0.0196		0.00398		mg/Kg		04/23/22 12:22	04/24/22 00:33	1
o-Xylene	0.0244		0.00199		mg/Kg		04/23/22 12:22	04/24/22 00:33	1
Xylenes, Total	0.0440		0.00398		mg/Kg		04/23/22 12:22	04/24/22 00:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	149	S1+	70 - 130	04/23/22 12:22	04/24/22 00:33	1
1,4-Difluorobenzene (Surr)	93		70 - 130	04/23/22 12:22	04/24/22 00:33	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0562		0.00398		mg/Kg			04/25/22 12:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2900		49.9		mg/Kg			04/25/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	602		49.9		mg/Kg		04/22/22 13:29	04/24/22 13:36	1
Diesel Range Organics (Over C10-C28)	2170		49.9		mg/Kg		04/22/22 13:29	04/24/22 13:36	1
Oil Range Organics (Over C28-C36)	132		49.9		mg/Kg		04/22/22 13:29	04/24/22 13:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	146	S1+	70 - 130	04/22/22 13:29	04/24/22 13:36	1
o-Terphenyl	115		70 - 130	04/22/22 13:29	04/24/22 13:36	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.63		4.95		mg/Kg			04/26/22 19:54	1

Client Sample ID: BH-1 (2')

Lab Sample ID: 880-13981-2

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

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		04/23/22 12:22	04/24/22 00:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/23/22 12:22	04/24/22 00:54	1
Ethylbenzene	0.0235		0.00200		mg/Kg		04/23/22 12:22	04/24/22 00:54	1
m-Xylene & p-Xylene	0.0996		0.00399		mg/Kg		04/23/22 12:22	04/24/22 00:54	1
o-Xylene	0.0342		0.00200		mg/Kg		04/23/22 12:22	04/24/22 00:54	1
Xylenes, Total	0.134		0.00399		mg/Kg		04/23/22 12:22	04/24/22 00:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	154	S1+	70 - 130	04/23/22 12:22	04/24/22 00:54	1
1,4-Difluorobenzene (Surr)	90		70 - 130	04/23/22 12:22	04/24/22 00:54	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

Client Sample ID: BH-1 (2')

Lab Sample ID: 880-13981-2

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.157		0.00399		mg/Kg			04/25/22 12:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1520		49.9		mg/Kg			04/25/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	682		49.9		mg/Kg		04/22/22 13:29	04/24/22 13:56	1
Diesel Range Organics (Over C10-C28)	837		49.9		mg/Kg		04/22/22 13:29	04/24/22 13:56	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/22/22 13:29	04/24/22 13:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	143	S1+	70 - 130				04/22/22 13:29	04/24/22 13:56	1
o-Terphenyl	130		70 - 130				04/22/22 13:29	04/24/22 13:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.3		5.00		mg/Kg			04/26/22 20:21	1

Client Sample ID: BH-1 (3')

Lab Sample ID: 880-13981-3

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/23/22 12:22	04/24/22 02:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/23/22 12:22	04/24/22 02:35	1
Ethylbenzene	0.0263		0.00199		mg/Kg		04/23/22 12:22	04/24/22 02:35	1
m-Xylene & p-Xylene	0.133		0.00398		mg/Kg		04/23/22 12:22	04/24/22 02:35	1
o-Xylene	0.0321		0.00199		mg/Kg		04/23/22 12:22	04/24/22 02:35	1
Xylenes, Total	0.165		0.00398		mg/Kg		04/23/22 12:22	04/24/22 02:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	145	S1+	70 - 130				04/23/22 12:22	04/24/22 02:35	1
1,4-Difluorobenzene (Surr)	95		70 - 130				04/23/22 12:22	04/24/22 02:35	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.191		0.00398		mg/Kg			04/25/22 12:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	769		50.0		mg/Kg			04/25/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	286		50.0		mg/Kg		04/22/22 13:29	04/24/22 14:17	1
Diesel Range Organics (Over C10-C28)	483		50.0		mg/Kg		04/22/22 13:29	04/24/22 14:17	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

Client Sample ID: BH-1 (3')

Lab Sample ID: 880-13981-3

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/22/22 13:29	04/24/22 14:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130				04/22/22 13:29	04/24/22 14:17	1
o-Terphenyl	115		70 - 130				04/22/22 13:29	04/24/22 14:17	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.26		4.99		mg/Kg			04/26/22 20:29	1

Client Sample ID: BH-1 (4')

Lab Sample ID: 880-13981-4

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.303		0.00200		mg/Kg		04/23/22 12:22	04/24/22 02:56	1
Toluene	16.6		0.101		mg/Kg		04/24/22 22:21	04/25/22 11:40	50
Ethylbenzene	5.44		0.101		mg/Kg		04/24/22 22:21	04/25/22 11:40	50
m-Xylene & p-Xylene	0.0120		0.00399		mg/Kg		04/23/22 12:22	04/24/22 02:56	1
o-Xylene	0.0438		0.00200		mg/Kg		04/23/22 12:22	04/24/22 02:56	1
Xylenes, Total	0.0558		0.00399		mg/Kg		04/23/22 12:22	04/24/22 02:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	344	S1+	70 - 130				04/23/22 12:22	04/24/22 02:56	1
1,4-Difluorobenzene (Surr)	83		70 - 130				04/23/22 12:22	04/24/22 02:56	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	22.4		0.101		mg/Kg			04/25/22 12:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2180		50.0		mg/Kg			04/25/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	1030		50.0		mg/Kg		04/22/22 13:29	04/24/22 14:37	1
Diesel Range Organics (Over C10-C28)	1100		50.0		mg/Kg		04/22/22 13:29	04/24/22 14:37	1
Oil Range Organics (Over C28-C36)	51.4		50.0		mg/Kg		04/22/22 13:29	04/24/22 14:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	131	S1+	70 - 130				04/22/22 13:29	04/24/22 14:37	1
o-Terphenyl	114		70 - 130				04/22/22 13:29	04/24/22 14:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.97		5.01		mg/Kg			04/26/22 20:38	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

Client Sample ID: BH-1 (5')

Lab Sample ID: 880-13981-5

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.133		0.00199		mg/Kg		04/23/22 12:22	04/24/22 03:16	1
Toluene	24.5		0.399		mg/Kg		04/24/22 22:21	04/25/22 12:00	200
Ethylbenzene	8.34		0.399		mg/Kg		04/24/22 22:21	04/25/22 12:00	200
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/23/22 12:22	04/24/22 03:16	1
o-Xylene	0.0252		0.00199		mg/Kg		04/23/22 12:22	04/24/22 03:16	1
Xylenes, Total	0.0252		0.00398		mg/Kg		04/23/22 12:22	04/24/22 03:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	405	S1+	70 - 130	04/23/22 12:22	04/24/22 03:16	1
1,4-Difluorobenzene (Surr)	22	S1-	70 - 130	04/23/22 12:22	04/24/22 03:16	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	33.0		0.399		mg/Kg			04/25/22 12:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	6300		50.0		mg/Kg			04/25/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	2680		50.0		mg/Kg		04/22/22 13:29	04/24/22 14:58	1
Diesel Range Organics (Over C10-C28)	3390		50.0		mg/Kg		04/22/22 13:29	04/24/22 14:58	1
Oil Range Organics (Over C28-C36)	234		50.0		mg/Kg		04/22/22 13:29	04/24/22 14:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	174	S1+	70 - 130	04/22/22 13:29	04/24/22 14:58	1
o-Terphenyl	127		70 - 130	04/22/22 13:29	04/24/22 14:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			04/26/22 20:47	1

Client Sample ID: BH-1 (7')

Lab Sample ID: 880-13981-6

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00389		0.00200		mg/Kg		04/23/22 12:22	04/24/22 03:37	1
Toluene	0.294		0.00200		mg/Kg		04/23/22 12:22	04/24/22 03:37	1
Ethylbenzene	0.168		0.00200		mg/Kg		04/23/22 12:22	04/24/22 03:37	1
m-Xylene & p-Xylene	3.19		0.199		mg/Kg		04/24/22 22:21	04/25/22 12:20	50
o-Xylene	0.380		0.00200		mg/Kg		04/23/22 12:22	04/24/22 03:37	1
Xylenes, Total	3.91		0.199		mg/Kg		04/24/22 22:21	04/25/22 12:20	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	209	S1+	70 - 130	04/23/22 12:22	04/24/22 03:37	1
1,4-Difluorobenzene (Surr)	93		70 - 130	04/23/22 12:22	04/24/22 03:37	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

Client Sample ID: BH-1 (7')

Lab Sample ID: 880-13981-6

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	4.04		0.199		mg/Kg			04/25/22 12:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	265		50.0		mg/Kg			04/25/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	101		50.0		mg/Kg		04/22/22 13:29	04/24/22 12:34	1
Diesel Range Organics (Over C10-C28)	164		50.0		mg/Kg		04/22/22 13:29	04/24/22 12:34	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/22/22 13:29	04/24/22 12:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	131	S1+	70 - 130				04/22/22 13:29	04/24/22 12:34	1
o-Terphenyl	133	S1+	70 - 130				04/22/22 13:29	04/24/22 12:34	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			04/26/22 21:14	1

Client Sample ID: BH-1 (10')

Lab Sample ID: 880-13981-7

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0108		0.00200		mg/Kg		04/23/22 12:22	04/24/22 03:57	1
Toluene	0.653		0.199		mg/Kg		04/24/22 22:21	04/25/22 12:41	100
Ethylbenzene	0.291		0.00200		mg/Kg		04/23/22 12:22	04/24/22 03:57	1
m-Xylene & p-Xylene	5.16		0.398		mg/Kg		04/24/22 22:21	04/25/22 12:41	100
o-Xylene	1.28		0.199		mg/Kg		04/24/22 22:21	04/25/22 12:41	100
Xylenes, Total	6.44		0.398		mg/Kg		04/24/22 22:21	04/25/22 12:41	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	222	S1+	70 - 130				04/23/22 12:22	04/24/22 03:57	1
1,4-Difluorobenzene (Surr)	84		70 - 130				04/23/22 12:22	04/24/22 03:57	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	7.39		0.398		mg/Kg			04/25/22 12:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	322		50.0		mg/Kg			04/25/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	101		50.0		mg/Kg		04/22/22 13:29	04/24/22 15:19	1
Diesel Range Organics (Over C10-C28)	170		50.0		mg/Kg		04/22/22 13:29	04/24/22 15:19	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

Client Sample ID: BH-1 (10')

Lab Sample ID: 880-13981-7

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	50.7		50.0		mg/Kg		04/22/22 13:29	04/24/22 15:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	134	S1+	70 - 130				04/22/22 13:29	04/24/22 15:19	1
o-Terphenyl	137	S1+	70 - 130				04/22/22 13:29	04/24/22 15:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/26/22 21:22	1

Client Sample ID: BH-1 (15')

Lab Sample ID: 880-13981-8

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00286		0.00201		mg/Kg		04/23/22 12:22	04/24/22 04:17	1
Toluene	0.0589		0.00201		mg/Kg		04/23/22 12:22	04/24/22 04:17	1
Ethylbenzene	0.104		0.00201		mg/Kg		04/23/22 12:22	04/24/22 04:17	1
m-Xylene & p-Xylene	0.393		0.00402		mg/Kg		04/23/22 12:22	04/24/22 04:17	1
o-Xylene	0.105		0.00201		mg/Kg		04/23/22 12:22	04/24/22 04:17	1
Xylenes, Total	0.498		0.00402		mg/Kg		04/23/22 12:22	04/24/22 04:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	234	S1+	70 - 130				04/23/22 12:22	04/24/22 04:17	1
1,4-Difluorobenzene (Surr)	99		70 - 130				04/23/22 12:22	04/24/22 04:17	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.664		0.00402		mg/Kg			04/25/22 12:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	401		50.0		mg/Kg			04/25/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	84.6		50.0		mg/Kg		04/22/22 13:29	04/24/22 15:39	1
Diesel Range Organics (Over C10-C28)	316		50.0		mg/Kg		04/22/22 13:29	04/24/22 15:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/22/22 13:29	04/24/22 15:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130				04/22/22 13:29	04/24/22 15:39	1
o-Terphenyl	126		70 - 130				04/22/22 13:29	04/24/22 15:39	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.0		4.99		mg/Kg			04/26/22 21:31	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

Client Sample ID: BH-1 (16')

Lab Sample ID: 880-13981-9

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00231		0.00202		mg/Kg		04/23/22 12:22	04/24/22 04:38	1
Toluene	0.110		0.00202		mg/Kg		04/23/22 12:22	04/24/22 04:38	1
Ethylbenzene	0.167		0.00202		mg/Kg		04/23/22 12:22	04/24/22 04:38	1
m-Xylene & p-Xylene	0.0122		0.00398		mg/Kg		04/25/22 17:00	04/27/22 03:47	1
o-Xylene	0.229		0.00202		mg/Kg		04/23/22 12:22	04/24/22 04:38	1
Xylenes, Total	0.0143		0.00398		mg/Kg		04/25/22 17:00	04/27/22 03:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	257	S1+	70 - 130	04/23/22 12:22	04/24/22 04:38	1
1,4-Difluorobenzene (Surr)	93		70 - 130	04/23/22 12:22	04/24/22 04:38	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.521		0.00398		mg/Kg			04/25/22 12:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	426		49.8		mg/Kg			04/25/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	153		49.8		mg/Kg		04/22/22 13:29	04/24/22 16:00	1
Diesel Range Organics (Over C10-C28)	273		49.8		mg/Kg		04/22/22 13:29	04/24/22 16:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/22/22 13:29	04/24/22 16:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	133	S1+	70 - 130	04/22/22 13:29	04/24/22 16:00	1
o-Terphenyl	133	S1+	70 - 130	04/22/22 13:29	04/24/22 16:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.2		5.00		mg/Kg			04/27/22 04:18	1

Client Sample ID: BH-1 (17')

Lab Sample ID: 880-13981-10

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

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		04/23/22 12:22	04/24/22 04:58	1
Toluene	0.0127		0.00200		mg/Kg		04/23/22 12:22	04/24/22 04:58	1
Ethylbenzene	0.0165		0.00200		mg/Kg		04/23/22 12:22	04/24/22 04:58	1
m-Xylene & p-Xylene	0.112		0.00399		mg/Kg		04/23/22 12:22	04/24/22 04:58	1
o-Xylene	0.0241		0.00200		mg/Kg		04/23/22 12:22	04/24/22 04:58	1
Xylenes, Total	0.136		0.00399		mg/Kg		04/23/22 12:22	04/24/22 04:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	04/23/22 12:22	04/24/22 04:58	1
1,4-Difluorobenzene (Surr)	97		70 - 130	04/23/22 12:22	04/24/22 04:58	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

Client Sample ID: BH-1 (17')

Lab Sample ID: 880-13981-10

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.165		0.00399		mg/Kg			04/25/22 12:28	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			04/25/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/22/22 13:29	04/24/22 16:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/22/22 13:29	04/24/22 16:20	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/22/22 13:29	04/24/22 16:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				04/22/22 13:29	04/24/22 16:20	1
o-Terphenyl	111		70 - 130				04/22/22 13:29	04/24/22 16:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.2		4.99		mg/Kg			04/27/22 04:37	1

Client Sample ID: BH-1 (18')

Lab Sample ID: 880-13981-11

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

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		04/23/22 12:22	04/24/22 05:19	1
Toluene	0.00327		0.00200		mg/Kg		04/23/22 12:22	04/24/22 05:19	1
Ethylbenzene	0.00789		0.00200		mg/Kg		04/23/22 12:22	04/24/22 05:19	1
m-Xylene & p-Xylene	0.0248		0.00399		mg/Kg		04/23/22 12:22	04/24/22 05:19	1
o-Xylene	0.00517		0.00200		mg/Kg		04/23/22 12:22	04/24/22 05:19	1
Xylenes, Total	0.0300		0.00399		mg/Kg		04/23/22 12:22	04/24/22 05:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				04/23/22 12:22	04/24/22 05:19	1
1,4-Difluorobenzene (Surr)	93		70 - 130				04/23/22 12:22	04/24/22 05:19	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0411		0.00399		mg/Kg			04/25/22 12:28	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			04/25/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/22/22 13:29	04/24/22 17:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/22/22 13:29	04/24/22 17:02	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

Client Sample ID: BH-1 (18')

Lab Sample ID: 880-13981-11

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/22/22 13:29	04/24/22 17:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	141	S1+	70 - 130				04/22/22 13:29	04/24/22 17:02	1
o-Terphenyl	141	S1+	70 - 130				04/22/22 13:29	04/24/22 17:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.2		4.95		mg/Kg			04/27/22 04:44	1

Client Sample ID: BH-1 (19')

Lab Sample ID: 880-13981-12

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/23/22 12:22	04/24/22 05:39	1
Toluene	0.00679		0.00199		mg/Kg		04/23/22 12:22	04/24/22 05:39	1
Ethylbenzene	0.0220		0.00199		mg/Kg		04/23/22 12:22	04/24/22 05:39	1
m-Xylene & p-Xylene	0.138		0.00398		mg/Kg		04/23/22 12:22	04/24/22 05:39	1
o-Xylene	0.0263		0.00199		mg/Kg		04/23/22 12:22	04/24/22 05:39	1
Xylenes, Total	0.164		0.00398		mg/Kg		04/23/22 12:22	04/24/22 05:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130				04/23/22 12:22	04/24/22 05:39	1
1,4-Difluorobenzene (Surr)	94		70 - 130				04/23/22 12:22	04/24/22 05:39	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.193		0.00398		mg/Kg			04/25/22 12:28	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			04/25/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/22/22 13:29	04/24/22 17:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/22/22 13:29	04/24/22 17:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/22/22 13:29	04/24/22 17:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130				04/22/22 13:29	04/24/22 17:23	1
o-Terphenyl	127		70 - 130				04/22/22 13:29	04/24/22 17:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.41		5.04		mg/Kg			04/27/22 04:50	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

Client Sample ID: BH-1 (20')

Lab Sample ID: 880-13981-13

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U **	0.0199		mg/Kg		04/23/22 12:31	04/27/22 15:48	10
Toluene	<0.0199	U **	0.0199		mg/Kg		04/23/22 12:31	04/27/22 15:48	10
Ethylbenzene	<0.0199	U **	0.0199		mg/Kg		04/23/22 12:31	04/27/22 15:48	10
m-Xylene & p-Xylene	<0.0398	U **	0.0398		mg/Kg		04/23/22 12:31	04/27/22 15:48	10
o-Xylene	<0.0199	U **	0.0199		mg/Kg		04/23/22 12:31	04/27/22 15:48	10
Xylenes, Total	<0.0398	U **	0.0398		mg/Kg		04/23/22 12:31	04/27/22 15:48	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	04/23/22 12:31	04/27/22 15:48	10
1,4-Difluorobenzene (Surr)	100		70 - 130	04/23/22 12:31	04/27/22 15:48	10

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0398	U	0.0398		mg/Kg			04/25/22 12:28	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			04/25/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/22/22 13:29	04/24/22 17:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/22/22 13:29	04/24/22 17:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/22/22 13:29	04/24/22 17:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130	04/22/22 13:29	04/24/22 17:43	1
o-Terphenyl	125		70 - 130	04/22/22 13:29	04/24/22 17:43	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.0		4.97		mg/Kg			04/27/22 04:56	1

Client Sample ID: BH-1 (25')

Lab Sample ID: 880-13981-14

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

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		04/23/22 12:31	04/27/22 14:46	1
Toluene	<0.00200	U **	0.00200		mg/Kg		04/23/22 12:31	04/27/22 14:46	1
Ethylbenzene	<0.00200	U **	0.00200		mg/Kg		04/23/22 12:31	04/27/22 14:46	1
m-Xylene & p-Xylene	<0.00399	U **	0.00399		mg/Kg		04/23/22 12:31	04/27/22 14:46	1
o-Xylene	<0.00200	U **	0.00200		mg/Kg		04/23/22 12:31	04/27/22 14:46	1
Xylenes, Total	<0.00399	U **	0.00399		mg/Kg		04/23/22 12:31	04/27/22 14:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	04/23/22 12:31	04/27/22 14:46	1
1,4-Difluorobenzene (Surr)	92		70 - 130	04/23/22 12:31	04/27/22 14:46	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

Client Sample ID: BH-1 (25')

Lab Sample ID: 880-13981-14

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/25/22 12:28	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			04/25/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/22/22 13:29	04/24/22 18:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/22/22 13:29	04/24/22 18:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/22/22 13:29	04/24/22 18:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130				04/22/22 13:29	04/24/22 18:04	1
o-Terphenyl	126		70 - 130				04/22/22 13:29	04/24/22 18:04	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			04/27/22 05:15	1

Client Sample ID: BH-1 (30')

Lab Sample ID: 880-13981-15

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U **	0.0200		mg/Kg		04/23/22 12:31	04/27/22 16:08	10
Toluene	<0.0200	U **	0.0200		mg/Kg		04/23/22 12:31	04/27/22 16:08	10
Ethylbenzene	<0.0200	U **	0.0200		mg/Kg		04/23/22 12:31	04/27/22 16:08	10
m-Xylene & p-Xylene	<0.0399	U **	0.0399		mg/Kg		04/23/22 12:31	04/27/22 16:08	10
o-Xylene	<0.0200	U **	0.0200		mg/Kg		04/23/22 12:31	04/27/22 16:08	10
Xylenes, Total	<0.0399	U **	0.0399		mg/Kg		04/23/22 12:31	04/27/22 16:08	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				04/23/22 12:31	04/27/22 16:08	10
1,4-Difluorobenzene (Surr)	107		70 - 130				04/23/22 12:31	04/27/22 16:08	10

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0399	U	0.0399		mg/Kg			04/25/22 12:28	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			04/25/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/22/22 13:29	04/24/22 18:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/22/22 13:29	04/24/22 18:24	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

Client Sample ID: BH-1 (30')

Lab Sample ID: 880-13981-15

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/22/22 13:29	04/24/22 18:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				04/22/22 13:29	04/24/22 18:24	1
o-Terphenyl	112		70 - 130				04/22/22 13:29	04/24/22 18:24	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.38		4.95		mg/Kg			04/27/22 05:22	1

Client Sample ID: BH-1 (35')

Lab Sample ID: 880-13981-16

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0401	U *	0.0401		mg/Kg		04/23/22 12:31	04/27/22 16:28	20
Toluene	<0.0401	U *	0.0401		mg/Kg		04/23/22 12:31	04/27/22 16:28	20
Ethylbenzene	<0.0401	U *	0.0401		mg/Kg		04/23/22 12:31	04/27/22 16:28	20
m-Xylene & p-Xylene	0.435	+	0.0802		mg/Kg		04/23/22 12:31	04/27/22 16:28	20
o-Xylene	0.145	+	0.0401		mg/Kg		04/23/22 12:31	04/27/22 16:28	20
Xylenes, Total	0.580	+	0.0802		mg/Kg		04/23/22 12:31	04/27/22 16:28	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				04/23/22 12:31	04/27/22 16:28	20
1,4-Difluorobenzene (Surr)	92		70 - 130				04/23/22 12:31	04/27/22 16:28	20

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.580		0.0802		mg/Kg			04/25/22 12:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	174		50.0		mg/Kg			04/25/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	72.9		50.0		mg/Kg		04/22/22 13:29	04/24/22 18:45	1
Diesel Range Organics (Over C10-C28)	101		50.0		mg/Kg		04/22/22 13:29	04/24/22 18:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/22/22 13:29	04/24/22 18:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130				04/22/22 13:29	04/24/22 18:45	1
o-Terphenyl	121		70 - 130				04/22/22 13:29	04/24/22 18:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	840		5.03		mg/Kg			04/27/22 05:28	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

Client Sample ID: BH-1 (40')

Lab Sample ID: 880-13981-17

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0402	U **	0.0402		mg/Kg		04/23/22 12:31	04/27/22 16:49	20
Toluene	<0.0402	U **	0.0402		mg/Kg		04/23/22 12:31	04/27/22 16:49	20
Ethylbenzene	<0.0402	U **	0.0402		mg/Kg		04/23/22 12:31	04/27/22 16:49	20
m-Xylene & p-Xylene	<0.0803	U **	0.0803		mg/Kg		04/23/22 12:31	04/27/22 16:49	20
o-Xylene	<0.0402	U **	0.0402		mg/Kg		04/23/22 12:31	04/27/22 16:49	20
Xylenes, Total	<0.0803	U **	0.0803		mg/Kg		04/23/22 12:31	04/27/22 16:49	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	04/23/22 12:31	04/27/22 16:49	20
1,4-Difluorobenzene (Surr)	103		70 - 130	04/23/22 12:31	04/27/22 16:49	20

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0803	U	0.0803		mg/Kg			04/25/22 12:28	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			04/25/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/22/22 13:29	04/24/22 19:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/22/22 13:29	04/24/22 19:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/22/22 13:29	04/24/22 19:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	138	S1+	70 - 130	04/22/22 13:29	04/24/22 19:05	1
o-Terphenyl	137	S1+	70 - 130	04/22/22 13:29	04/24/22 19:05	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	246		5.00		mg/Kg			04/27/22 05:34	1

Client Sample ID: BH-1 (45')

Lab Sample ID: 880-13981-18

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

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		04/23/22 12:31	04/27/22 15:07	1
Toluene	<0.00200	U **	0.00200		mg/Kg		04/23/22 12:31	04/27/22 15:07	1
Ethylbenzene	<0.00200	U **	0.00200		mg/Kg		04/23/22 12:31	04/27/22 15:07	1
m-Xylene & p-Xylene	<0.00399	U **	0.00399		mg/Kg		04/23/22 12:31	04/27/22 15:07	1
o-Xylene	<0.00200	U **	0.00200		mg/Kg		04/23/22 12:31	04/27/22 15:07	1
Xylenes, Total	<0.00399	U **	0.00399		mg/Kg		04/23/22 12:31	04/27/22 15:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	04/23/22 12:31	04/27/22 15:07	1
1,4-Difluorobenzene (Surr)	104		70 - 130	04/23/22 12:31	04/27/22 15:07	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

Client Sample ID: BH-1 (45')

Lab Sample ID: 880-13981-18

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/25/22 12:28	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			04/25/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/22/22 13:29	04/24/22 19:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/22/22 13:29	04/24/22 19:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/22/22 13:29	04/24/22 19:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				04/22/22 13:29	04/24/22 19:26	1
o-Terphenyl	112		70 - 130				04/22/22 13:29	04/24/22 19:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	155		5.00		mg/Kg			04/27/22 05:41	1

Client Sample ID: BH-1 (50')

Lab Sample ID: 880-13981-19

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U **	0.00199		mg/Kg		04/23/22 12:31	04/27/22 15:27	1
Toluene	<0.00199	U **	0.00199		mg/Kg		04/23/22 12:31	04/27/22 15:27	1
Ethylbenzene	<0.00199	U **	0.00199		mg/Kg		04/23/22 12:31	04/27/22 15:27	1
m-Xylene & p-Xylene	<0.00398	U **	0.00398		mg/Kg		04/23/22 12:31	04/27/22 15:27	1
o-Xylene	<0.00199	U **	0.00199		mg/Kg		04/23/22 12:31	04/27/22 15:27	1
Xylenes, Total	<0.00398	U **	0.00398		mg/Kg		04/23/22 12:31	04/27/22 15:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				04/23/22 12:31	04/27/22 15:27	1
1,4-Difluorobenzene (Surr)	103		70 - 130				04/23/22 12:31	04/27/22 15:27	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			04/25/22 12:28	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			04/25/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/22/22 13:29	04/24/22 19:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/22/22 13:29	04/24/22 19:46	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

Client Sample ID: BH-1 (50')

Lab Sample ID: 880-13981-19

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/22/22 13:29	04/24/22 19:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130				04/22/22 13:29	04/24/22 19:46	1
o-Terphenyl	125		70 - 130				04/22/22 13:29	04/24/22 19:46	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.4	F1	5.02		mg/Kg			04/27/22 05:47	1

Client Sample ID: BH-2 (0-1')

Lab Sample ID: 880-13981-20

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0499	U *	0.0499		mg/Kg		04/23/22 12:31	04/27/22 17:09	25
Toluene	5.79	+	0.0499		mg/Kg		04/23/22 12:31	04/27/22 17:09	25
Ethylbenzene	0.711	+	0.0499		mg/Kg		04/23/22 12:31	04/27/22 17:09	25
m-Xylene & p-Xylene	2.87	+	0.0998		mg/Kg		04/23/22 12:31	04/27/22 17:09	25
o-Xylene	4.92	+	0.0499		mg/Kg		04/23/22 12:31	04/27/22 17:09	25
Xylenes, Total	7.79	+	0.0998		mg/Kg		04/23/22 12:31	04/27/22 17:09	25
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130				04/23/22 12:31	04/27/22 17:09	25
1,4-Difluorobenzene (Surr)	90		70 - 130				04/23/22 12:31	04/27/22 17:09	25

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	14.3		0.0998		mg/Kg			04/25/22 12:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	896		50.0		mg/Kg			04/25/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	388		50.0		mg/Kg		04/22/22 13:29	04/24/22 20:07	1
Diesel Range Organics (Over C10-C28)	508		50.0		mg/Kg		04/22/22 13:29	04/24/22 20:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/22/22 13:29	04/24/22 20:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	149	S1+	70 - 130				04/22/22 13:29	04/24/22 20:07	1
o-Terphenyl	137	S1+	70 - 130				04/22/22 13:29	04/24/22 20:07	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	46.5		5.02		mg/Kg			04/27/22 06:06	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

Client Sample ID: BH-2 (2')

Lab Sample ID: 880-13981-21

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0398	U *	0.0398		mg/Kg		04/23/22 12:31	04/27/22 17:30	20
Toluene	3.80	+	0.0398		mg/Kg		04/23/22 12:31	04/27/22 17:30	20
Ethylbenzene	0.598	+	0.0398		mg/Kg		04/23/22 12:31	04/27/22 17:30	20
m-Xylene & p-Xylene	1.66	+	0.0795		mg/Kg		04/23/22 12:31	04/27/22 17:30	20
o-Xylene	3.34	+	0.0398		mg/Kg		04/23/22 12:31	04/27/22 17:30	20
Xylenes, Total	5.00	+	0.0795		mg/Kg		04/23/22 12:31	04/27/22 17:30	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130	04/23/22 12:31	04/27/22 17:30	20
1,4-Difluorobenzene (Surr)	62	S1-	70 - 130	04/23/22 12:31	04/27/22 17:30	20

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	9.40		0.0795		mg/Kg			04/25/22 12:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	877		49.9		mg/Kg			04/25/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	427	*1	49.9		mg/Kg		04/22/22 13:32	04/24/22 21:49	1
Diesel Range Organics (Over C10-C28)	450	*1	49.9		mg/Kg		04/22/22 13:32	04/24/22 21:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/22/22 13:32	04/24/22 21:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130	04/22/22 13:32	04/24/22 21:49	1
o-Terphenyl	112		70 - 130	04/22/22 13:32	04/24/22 21:49	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.9		4.99		mg/Kg			04/27/22 06:12	1

Client Sample ID: BH-2 (3')

Lab Sample ID: 880-13981-22

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0399	U *	0.0399		mg/Kg		04/23/22 12:31	04/27/22 17:50	20
Toluene	4.06	+	0.0399		mg/Kg		04/23/22 12:31	04/27/22 17:50	20
Ethylbenzene	0.398	+	0.0399		mg/Kg		04/23/22 12:31	04/27/22 17:50	20
m-Xylene & p-Xylene	10.3	+	0.0798		mg/Kg		04/23/22 12:31	04/27/22 17:50	20
o-Xylene	5.23	+	0.0399		mg/Kg		04/23/22 12:31	04/27/22 17:50	20
Xylenes, Total	15.5	+	0.0798		mg/Kg		04/23/22 12:31	04/27/22 17:50	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	67	S1-	70 - 130	04/23/22 12:31	04/27/22 17:50	20
1,4-Difluorobenzene (Surr)	33	S1-	70 - 130	04/23/22 12:31	04/27/22 17:50	20

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Client Sample Results

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

Client Sample ID: BH-2 (3')

Lab Sample ID: 880-13981-22

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	20.0		0.0798		mg/Kg			04/25/22 12:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1090		49.9		mg/Kg			04/25/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	626	*1	49.9		mg/Kg		04/22/22 13:32	04/24/22 22:51	1
Diesel Range Organics (Over C10-C28)	466	*1	49.9		mg/Kg		04/22/22 13:32	04/24/22 22:51	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/22/22 13:32	04/24/22 22:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130				04/22/22 13:32	04/24/22 22:51	1
o-Terphenyl	112		70 - 130				04/22/22 13:32	04/24/22 22:51	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.82		4.97		mg/Kg			04/27/22 06:31	1

Client Sample ID: BH-2 (4')

Lab Sample ID: 880-13981-23

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.486		0.202		mg/Kg		04/25/22 11:29	04/27/22 14:24	100
Toluene	10.0		0.202		mg/Kg		04/25/22 11:29	04/27/22 14:24	100
Ethylbenzene	6.61		0.202		mg/Kg		04/25/22 11:29	04/27/22 14:24	100
m-Xylene & p-Xylene	55.1		0.403		mg/Kg		04/25/22 11:29	04/27/22 14:24	100
o-Xylene	13.4		0.202		mg/Kg		04/25/22 11:29	04/27/22 14:24	100
Xylenes, Total	68.5		0.403		mg/Kg		04/25/22 11:29	04/27/22 14:24	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	191	S1+	70 - 130				04/25/22 11:29	04/27/22 14:24	100
1,4-Difluorobenzene (Surr)	103		70 - 130				04/25/22 11:29	04/27/22 14:24	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	85.6		0.403		mg/Kg			04/25/22 12:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	929		50.0		mg/Kg			04/25/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	584	*1	50.0		mg/Kg		04/22/22 13:32	04/24/22 23:11	1
Diesel Range Organics (Over C10-C28)	345	*1	50.0		mg/Kg		04/22/22 13:32	04/24/22 23:11	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

Client Sample ID: BH-2 (4')

Lab Sample ID: 880-13981-23

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/22/22 13:32	04/24/22 23:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	136	S1+	70 - 130				04/22/22 13:32	04/24/22 23:11	1
o-Terphenyl	127		70 - 130				04/22/22 13:32	04/24/22 23:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.68		4.97		mg/Kg			04/27/22 06:37	1

Client Sample ID: BH-2 (5')

Lab Sample ID: 880-13981-24

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.200	U	0.200		mg/Kg		04/25/22 11:29	04/27/22 14:45	100
Toluene	1.82		0.200		mg/Kg		04/25/22 11:29	04/27/22 14:45	100
Ethylbenzene	4.58		0.200		mg/Kg		04/25/22 11:29	04/27/22 14:45	100
m-Xylene & p-Xylene	28.9		0.399		mg/Kg		04/25/22 11:29	04/27/22 14:45	100
o-Xylene	10.4		0.200		mg/Kg		04/25/22 11:29	04/27/22 14:45	100
Xylenes, Total	39.3		0.399		mg/Kg		04/25/22 11:29	04/27/22 14:45	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	184	S1+	70 - 130				04/25/22 11:29	04/27/22 14:45	100
1,4-Difluorobenzene (Surr)	98		70 - 130				04/25/22 11:29	04/27/22 14:45	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	45.7		0.399		mg/Kg			04/25/22 12:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	794		50.0		mg/Kg			04/25/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	451	*1	50.0		mg/Kg		04/22/22 13:32	04/24/22 23:31	1
Diesel Range Organics (Over C10-C28)	343	*1	50.0		mg/Kg		04/22/22 13:32	04/24/22 23:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/22/22 13:32	04/24/22 23:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				04/22/22 13:32	04/24/22 23:31	1
o-Terphenyl	113		70 - 130				04/22/22 13:32	04/24/22 23:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.87		4.96		mg/Kg			04/27/22 06:44	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

Client Sample ID: BH-2 (7')

Lab Sample ID: 880-13981-25

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.214		0.200		mg/Kg		04/25/22 11:29	04/27/22 15:26	100
Toluene	2.31		0.200		mg/Kg		04/25/22 11:29	04/27/22 15:26	100
Ethylbenzene	4.87		0.200		mg/Kg		04/25/22 11:29	04/27/22 15:26	100
m-Xylene & p-Xylene	28.0		0.401		mg/Kg		04/25/22 11:29	04/27/22 15:26	100
o-Xylene	8.96		0.200		mg/Kg		04/25/22 11:29	04/27/22 15:26	100
Xylenes, Total	37.0		0.401		mg/Kg		04/25/22 11:29	04/27/22 15:26	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	175	S1+	70 - 130	04/25/22 11:29	04/27/22 15:26	100
1,4-Difluorobenzene (Surr)	102		70 - 130	04/25/22 11:29	04/27/22 15:26	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	44.4		0.401		mg/Kg			04/25/22 12:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1280		50.0		mg/Kg			04/25/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	730	*1	50.0		mg/Kg		04/22/22 13:32	04/24/22 23:51	1
Diesel Range Organics (Over C10-C28)	553	*1	50.0		mg/Kg		04/22/22 13:32	04/24/22 23:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/22/22 13:32	04/24/22 23:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	132	S1+	70 - 130				04/22/22 13:32	04/24/22 23:51	1
o-Terphenyl	120		70 - 130				04/22/22 13:32	04/24/22 23:51	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.1		5.00		mg/Kg			04/27/22 06:50	1

Client Sample ID: BH-2 (10')

Lab Sample ID: 880-13981-26

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.608		0.199		mg/Kg		04/25/22 11:29	04/27/22 15:05	100
Toluene	16.5		0.199		mg/Kg		04/25/22 11:29	04/27/22 15:05	100
Ethylbenzene	7.97		0.199		mg/Kg		04/25/22 11:29	04/27/22 15:05	100
m-Xylene & p-Xylene	61.5		0.398		mg/Kg		04/25/22 11:29	04/27/22 15:05	100
o-Xylene	14.0		0.199		mg/Kg		04/25/22 11:29	04/27/22 15:05	100
Xylenes, Total	75.5		0.398		mg/Kg		04/25/22 11:29	04/27/22 15:05	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	184	S1+	70 - 130	04/25/22 11:29	04/27/22 15:05	100
1,4-Difluorobenzene (Surr)	94		70 - 130	04/25/22 11:29	04/27/22 15:05	100

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

Client Sample ID: BH-2 (10')

Lab Sample ID: 880-13981-26

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	101		0.398		mg/Kg			04/25/22 12:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1290		50.0		mg/Kg			04/25/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	779	*1	50.0		mg/Kg		04/22/22 13:32	04/25/22 00:11	1
Diesel Range Organics (Over C10-C28)	506	*1	50.0		mg/Kg		04/22/22 13:32	04/25/22 00:11	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/22/22 13:32	04/25/22 00:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	132	S1+	70 - 130				04/22/22 13:32	04/25/22 00:11	1
o-Terphenyl	121		70 - 130				04/22/22 13:32	04/25/22 00:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.5		4.95		mg/Kg			04/27/22 06:56	1

Client Sample ID: BH-2 (15')

Lab Sample ID: 880-13981-27

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00439		0.00200		mg/Kg		04/25/22 11:29	04/27/22 09:34	1
Toluene	0.0357		0.00200		mg/Kg		04/25/22 11:29	04/27/22 09:34	1
Ethylbenzene	0.0488		0.00200		mg/Kg		04/25/22 11:29	04/27/22 09:34	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/25/22 11:29	04/27/22 09:34	1
o-Xylene	0.123		0.00200		mg/Kg		04/25/22 11:29	04/27/22 09:34	1
Xylenes, Total	0.123		0.00399		mg/Kg		04/25/22 11:29	04/27/22 09:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	147	S1+	70 - 130				04/25/22 11:29	04/27/22 09:34	1
1,4-Difluorobenzene (Surr)	93		70 - 130				04/25/22 11:29	04/27/22 09:34	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.212		0.00399		mg/Kg			04/25/22 12:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	297		50.0		mg/Kg			04/25/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	81.7	*1	50.0		mg/Kg		04/22/22 13:32	04/25/22 00:31	1
Diesel Range Organics (Over C10-C28)	215	*1	50.0		mg/Kg		04/22/22 13:32	04/25/22 00:31	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

Client Sample ID: BH-2 (15')

Lab Sample ID: 880-13981-27

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/22/22 13:32	04/25/22 00:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				04/22/22 13:32	04/25/22 00:31	1
o-Terphenyl	116		70 - 130				04/22/22 13:32	04/25/22 00:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	57.3		5.02		mg/Kg			04/27/22 07:03	1

Client Sample ID: BH-2 (16')

Lab Sample ID: 880-13981-28

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/25/22 11:29	04/27/22 11:58	1
Toluene	0.0166		0.00199		mg/Kg		04/25/22 11:29	04/27/22 11:58	1
Ethylbenzene	0.0465		0.00199		mg/Kg		04/25/22 11:29	04/27/22 11:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/25/22 11:29	04/27/22 11:58	1
o-Xylene	0.112		0.00199		mg/Kg		04/25/22 11:29	04/27/22 11:58	1
Xylenes, Total	0.112		0.00398		mg/Kg		04/25/22 11:29	04/27/22 11:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	147	S1+	70 - 130				04/25/22 11:29	04/27/22 11:58	1
1,4-Difluorobenzene (Surr)	95		70 - 130				04/25/22 11:29	04/27/22 11:58	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.175		0.00398		mg/Kg			04/25/22 12:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	248		50.0		mg/Kg			04/25/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	53.0	*1	50.0		mg/Kg		04/22/22 13:32	04/25/22 00:51	1
Diesel Range Organics (Over C10-C28)	195	*1	50.0		mg/Kg		04/22/22 13:32	04/25/22 00:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/22/22 13:32	04/25/22 00:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130				04/22/22 13:32	04/25/22 00:51	1
o-Terphenyl	121		70 - 130				04/22/22 13:32	04/25/22 00:51	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	58.0		5.03		mg/Kg			04/27/22 07:09	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

Client Sample ID: BH-2 (17')

Lab Sample ID: 880-13981-29

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

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		04/25/22 11:29	04/27/22 09:55	1
Toluene	0.00566		0.00200		mg/Kg		04/25/22 11:29	04/27/22 09:55	1
Ethylbenzene	0.0158		0.00200		mg/Kg		04/25/22 11:29	04/27/22 09:55	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/25/22 11:29	04/27/22 09:55	1
o-Xylene	0.0579		0.00200		mg/Kg		04/25/22 11:29	04/27/22 09:55	1
Xylenes, Total	0.0579		0.00400		mg/Kg		04/25/22 11:29	04/27/22 09:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	04/25/22 11:29	04/27/22 09:55	1
1,4-Difluorobenzene (Surr)	93		70 - 130	04/25/22 11:29	04/27/22 09:55	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0794		0.00400		mg/Kg			04/25/22 12:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	230		49.8		mg/Kg			04/25/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		04/22/22 13:32	04/25/22 01:11	1
Diesel Range Organics (Over C10-C28)	230	*1	49.8		mg/Kg		04/22/22 13:32	04/25/22 01:11	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/22/22 13:32	04/25/22 01:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130				04/22/22 13:32	04/25/22 01:11	1
o-Terphenyl	117		70 - 130				04/22/22 13:32	04/25/22 01:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	68.5		5.00		mg/Kg			04/27/22 07:59	1

Client Sample ID: BH-2 (18')

Lab Sample ID: 880-13981-30

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.201	U	0.201		mg/Kg		04/25/22 11:29	04/27/22 13:23	100
Toluene	0.497		0.201		mg/Kg		04/25/22 11:29	04/27/22 13:23	100
Ethylbenzene	1.69		0.201		mg/Kg		04/25/22 11:29	04/27/22 13:23	100
m-Xylene & p-Xylene	10.5		0.402		mg/Kg		04/25/22 11:29	04/27/22 13:23	100
o-Xylene	2.81		0.201		mg/Kg		04/25/22 11:29	04/27/22 13:23	100
Xylenes, Total	13.3		0.402		mg/Kg		04/25/22 11:29	04/27/22 13:23	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	75		70 - 130	04/25/22 11:29	04/27/22 13:23	100
1,4-Difluorobenzene (Surr)	64	S1-	70 - 130	04/25/22 11:29	04/27/22 13:23	100

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Client Sample Results

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

Client Sample ID: BH-2 (18')

Lab Sample ID: 880-13981-30

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	15.5		0.402		mg/Kg			04/25/22 12:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2890		50.0		mg/Kg			04/25/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	604	*1	50.0		mg/Kg		04/22/22 13:32	04/25/22 01:32	1
Diesel Range Organics (Over C10-C28)	2130	*1	50.0		mg/Kg		04/22/22 13:32	04/25/22 01:32	1
Oil Range Organics (Over C28-C36)	153		50.0		mg/Kg		04/22/22 13:32	04/25/22 01:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	151	S1+	70 - 130				04/22/22 13:32	04/25/22 01:32	1
o-Terphenyl	116		70 - 130				04/22/22 13:32	04/25/22 01:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	209		5.04		mg/Kg			04/27/22 08:18	1

Client Sample ID: BH-2 (19')

Lab Sample ID: 880-13981-31

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.202	U	0.202		mg/Kg		04/25/22 11:29	04/27/22 13:43	100
Toluene	<0.202	U	0.202		mg/Kg		04/25/22 11:29	04/27/22 13:43	100
Ethylbenzene	0.697		0.202		mg/Kg		04/25/22 11:29	04/27/22 13:43	100
m-Xylene & p-Xylene	3.82		0.403		mg/Kg		04/25/22 11:29	04/27/22 13:43	100
o-Xylene	0.846		0.202		mg/Kg		04/25/22 11:29	04/27/22 13:43	100
Xylenes, Total	4.67		0.403		mg/Kg		04/25/22 11:29	04/27/22 13:43	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				04/25/22 11:29	04/27/22 13:43	100
1,4-Difluorobenzene (Surr)	95		70 - 130				04/25/22 11:29	04/27/22 13:43	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	5.36		0.403		mg/Kg			04/25/22 12:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1580		49.9		mg/Kg			04/25/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	375	*1	49.9		mg/Kg		04/22/22 13:32	04/25/22 02:12	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

Client Sample ID: BH-2 (19')

Lab Sample ID: 880-13981-31

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	1120	*1	49.9		mg/Kg		04/22/22 13:32	04/25/22 02:12	1
Oil Range Organics (Over C28-C36)	88.7		49.9		mg/Kg		04/22/22 13:32	04/25/22 02:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130				04/22/22 13:32	04/25/22 02:12	1
o-Terphenyl	113		70 - 130				04/22/22 13:32	04/25/22 02:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	319		4.98		mg/Kg			04/27/22 08:25	1

Client Sample ID: BH-2 (20')

Lab Sample ID: 880-13981-32

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.200	U	0.200		mg/Kg		04/25/22 11:29	04/27/22 14:04	100
Toluene	0.382		0.200		mg/Kg		04/25/22 11:29	04/27/22 14:04	100
Ethylbenzene	1.11		0.200		mg/Kg		04/25/22 11:29	04/27/22 14:04	100
m-Xylene & p-Xylene	8.28		0.399		mg/Kg		04/25/22 11:29	04/27/22 14:04	100
o-Xylene	2.00		0.200		mg/Kg		04/25/22 11:29	04/27/22 14:04	100
Xylenes, Total	10.3		0.399		mg/Kg		04/25/22 11:29	04/27/22 14:04	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				04/25/22 11:29	04/27/22 14:04	100
1,4-Difluorobenzene (Surr)	95		70 - 130				04/25/22 11:29	04/27/22 14:04	100

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	11.8		0.399		mg/Kg			04/25/22 12:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2360		49.9		mg/Kg			04/25/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	563	*1	49.9		mg/Kg		04/22/22 13:32	04/25/22 02:32	1
Diesel Range Organics (Over C10-C28)	1670	*1	49.9		mg/Kg		04/22/22 13:32	04/25/22 02:32	1
Oil Range Organics (Over C28-C36)	125		49.9		mg/Kg		04/22/22 13:32	04/25/22 02:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	133	S1+	70 - 130				04/22/22 13:32	04/25/22 02:32	1
o-Terphenyl	113		70 - 130				04/22/22 13:32	04/25/22 02:32	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

Client Sample ID: BH-2 (20')

Lab Sample ID: 880-13981-32

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	246		5.05		mg/Kg			04/27/22 08:31	1

Client Sample ID: BH-2 (25')

Lab Sample ID: 880-13981-33

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/25/22 09:30	04/26/22 23:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/25/22 09:30	04/26/22 23:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/25/22 09:30	04/26/22 23:22	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/25/22 09:30	04/26/22 23:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/25/22 09:30	04/26/22 23:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/25/22 09:30	04/26/22 23:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				04/25/22 09:30	04/26/22 23:22	1
1,4-Difluorobenzene (Surr)	102		70 - 130				04/25/22 09:30	04/26/22 23:22	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			04/25/22 12:28	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			04/25/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		04/22/22 13:32	04/25/22 02:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		04/22/22 13:32	04/25/22 02:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/22/22 13:32	04/25/22 02:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130				04/22/22 13:32	04/25/22 02:52	1
o-Terphenyl	121		70 - 130				04/22/22 13:32	04/25/22 02:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	654		4.95		mg/Kg			04/27/22 08:37	1

Client Sample ID: BH-2 (30')

Lab Sample ID: 880-13981-34

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/25/22 09:30	04/26/22 23:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/25/22 09:30	04/26/22 23:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/25/22 09:30	04/26/22 23:42	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

Client Sample ID: BH-2 (30')

Lab Sample ID: 880-13981-34

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/25/22 09:30	04/26/22 23:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/25/22 09:30	04/26/22 23:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/25/22 09:30	04/26/22 23:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				04/25/22 09:30	04/26/22 23:42	1
1,4-Difluorobenzene (Surr)	101		70 - 130				04/25/22 09:30	04/26/22 23:42	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			04/25/22 12:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	54.8		49.9		mg/Kg			04/25/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		04/22/22 13:32	04/25/22 03:12	1
Diesel Range Organics (Over C10-C28)	54.8	*1	49.9		mg/Kg		04/22/22 13:32	04/25/22 03:12	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/22/22 13:32	04/25/22 03:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				04/22/22 13:32	04/25/22 03:12	1
o-Terphenyl	117		70 - 130				04/22/22 13:32	04/25/22 03:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	753		4.99		mg/Kg			04/27/22 08:56	1

Client Sample ID: BH-2 (35')

Lab Sample ID: 880-13981-35

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

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		04/25/22 09:30	04/27/22 00:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/25/22 09:30	04/27/22 00:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/25/22 09:30	04/27/22 00:03	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/25/22 09:30	04/27/22 00:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/25/22 09:30	04/27/22 00:03	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/25/22 09:30	04/27/22 00:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				04/25/22 09:30	04/27/22 00:03	1
1,4-Difluorobenzene (Surr)	102		70 - 130				04/25/22 09:30	04/27/22 00:03	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/25/22 12:28	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

Client Sample ID: BH-2 (35')

Lab Sample ID: 880-13981-35

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

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			04/25/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		04/22/22 13:32	04/25/22 03:32	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		04/22/22 13:32	04/25/22 03:32	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/22/22 13:32	04/25/22 03:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				04/22/22 13:32	04/25/22 03:32	1
o-Terphenyl	111		70 - 130				04/22/22 13:32	04/25/22 03:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	732		4.98		mg/Kg			04/27/22 09:03	1

Client Sample ID: BH-2 (40')

Lab Sample ID: 880-13981-36

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/25/22 09:30	04/27/22 00:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/25/22 09:30	04/27/22 00:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/25/22 09:30	04/27/22 00:23	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/25/22 09:30	04/27/22 00:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/25/22 09:30	04/27/22 00:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/25/22 09:30	04/27/22 00:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				04/25/22 09:30	04/27/22 00:23	1
1,4-Difluorobenzene (Surr)	104		70 - 130				04/25/22 09:30	04/27/22 00:23	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			04/25/22 12:28	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			04/25/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		04/22/22 13:32	04/25/22 03:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		04/22/22 13:32	04/25/22 03:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/22/22 13:32	04/25/22 03:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130				04/22/22 13:32	04/25/22 03:52	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

Client Sample ID: BH-2 (40')

Lab Sample ID: 880-13981-36

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	128		70 - 130	04/22/22 13:32	04/25/22 03:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	280		5.00		mg/Kg			04/27/22 09:09	1

Client Sample ID: BH-2 (45')

Lab Sample ID: 880-13981-37

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/25/22 09:30	04/27/22 00:43	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/25/22 09:30	04/27/22 00:43	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/25/22 09:30	04/27/22 00:43	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/25/22 09:30	04/27/22 00:43	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/25/22 09:30	04/27/22 00:43	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/25/22 09:30	04/27/22 00:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				04/25/22 09:30	04/27/22 00:43	1
1,4-Difluorobenzene (Surr)	103		70 - 130				04/25/22 09:30	04/27/22 00:43	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			04/25/22 12:28	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			04/25/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		04/22/22 13:32	04/25/22 04:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		04/22/22 13:32	04/25/22 04:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/22/22 13:32	04/25/22 04:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130				04/22/22 13:32	04/25/22 04:13	1
o-Terphenyl	121		70 - 130				04/22/22 13:32	04/25/22 04:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	286		4.96		mg/Kg			04/27/22 09:15	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

Client Sample ID: BH-2 (50')

Lab Sample ID: 880-13981-38

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

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		04/25/22 09:30	04/27/22 01:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/25/22 09:30	04/27/22 01:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/25/22 09:30	04/27/22 01:04	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/25/22 09:30	04/27/22 01:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/25/22 09:30	04/27/22 01:04	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/25/22 09:30	04/27/22 01:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	04/25/22 09:30	04/27/22 01:04	1
1,4-Difluorobenzene (Surr)	102		70 - 130	04/25/22 09:30	04/27/22 01:04	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/25/22 12:28	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			04/25/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		04/22/22 13:32	04/25/22 04:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		04/22/22 13:32	04/25/22 04:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/22/22 13:32	04/25/22 04:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	04/22/22 13:32	04/25/22 04:33	1
o-Terphenyl	100		70 - 130	04/22/22 13:32	04/25/22 04:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.0		4.97		mg/Kg			04/27/22 09:22	1

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-13850-A-1-H MS	Matrix Spike	102	95
880-13850-A-1-I MSD	Matrix Spike Duplicate	97	99
880-13930-A-1-C MS	Matrix Spike	104	98
880-13930-A-1-D MSD	Matrix Spike Duplicate	109	99
880-13973-A-19-C MS	Matrix Spike	105	102
880-13973-A-19-D MSD	Matrix Spike Duplicate	106	100
880-13974-A-13-G MS	Matrix Spike	101	97
880-13974-A-13-H MSD	Matrix Spike Duplicate	108	103
880-13981-1	BH-1 (0-1')	149 S1+	93
880-13981-2	BH-1 (2')	154 S1+	90
880-13981-3	BH-1 (3')	145 S1+	95
880-13981-4	BH-1 (4')	344 S1+	83
880-13981-5	BH-1 (5')	405 S1+	22 S1-
880-13981-6	BH-1 (7')	209 S1+	93
880-13981-7	BH-1 (10')	222 S1+	84
880-13981-8	BH-1 (15')	234 S1+	99
880-13981-9	BH-1 (16')	257 S1+	93
880-13981-10	BH-1 (17')	128	97
880-13981-11	BH-1 (18')	116	93
880-13981-12	BH-1 (19')	130	94
880-13981-13	BH-1 (20')	109	100
880-13981-14	BH-1 (25')	92	92
880-13981-14 MS	BH-1 (25')	95	102
880-13981-14 MSD	BH-1 (25')	97	102
880-13981-15	BH-1 (30')	113	107
880-13981-16	BH-1 (35')	94	92
880-13981-17	BH-1 (40')	97	103
880-13981-18	BH-1 (45')	104	104
880-13981-19	BH-1 (50')	97	103
880-13981-20	BH-2 (0-1')	123	90
880-13981-21	BH-2 (2')	129	62 S1-
880-13981-22	BH-2 (3')	67 S1-	33 S1-
880-13981-23	BH-2 (4')	191 S1+	103
880-13981-24	BH-2 (5')	184 S1+	98
880-13981-25	BH-2 (7')	175 S1+	102
880-13981-26	BH-2 (10')	184 S1+	94
880-13981-27	BH-2 (15')	147 S1+	93
880-13981-28	BH-2 (16')	147 S1+	95
880-13981-29	BH-2 (17')	114	93
880-13981-30	BH-2 (18')	75	64 S1-
880-13981-31	BH-2 (19')	116	95
880-13981-32	BH-2 (20')	122	95
880-13981-33	BH-2 (25')	101	102
880-13981-34	BH-2 (30')	103	101
880-13981-35	BH-2 (35')	102	102
880-13981-36	BH-2 (40')	106	104
880-13981-37	BH-2 (45')	104	103
880-13981-38	BH-2 (50')	100	102
880-14015-A-21-D MS	Matrix Spike	97	104

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-14015-A-21-E MSD	Matrix Spike Duplicate	99	104
LCS 880-24098/1-A	Lab Control Sample	104	101
LCS 880-24099/1-A	Lab Control Sample	100	103
LCS 880-24101/1-A	Lab Control Sample	102	100
LCS 880-24111/1-A	Lab Control Sample	97	95
LCS 880-24129/1-A	Lab Control Sample	94	99
LCS 880-24169/1-A	Lab Control Sample	101	99
LCSD 880-24098/2-A	Lab Control Sample Dup	105	101
LCSD 880-24099/2-A	Lab Control Sample Dup	95	104
LCSD 880-24101/2-A	Lab Control Sample Dup	105	99
LCSD 880-24111/2-A	Lab Control Sample Dup	99	99
LCSD 880-24129/2-A	Lab Control Sample Dup	98	99
LCSD 880-24169/2-A	Lab Control Sample Dup	104	100
MB 880-23966/5-A	Method Blank	104	91
MB 880-24098/5-A	Method Blank	104	91
MB 880-24099/5-A	Method Blank	97	102
MB 880-24101/5-A	Method Blank	104	93
MB 880-24111/5-A	Method Blank	99	96
MB 880-24129/5-A	Method Blank	96	101
MB 880-24169/5-A	Method Blank	106	93

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-13981-1	BH-1 (0-1')	146 S1+	115
880-13981-2	BH-1 (2')	143 S1+	130
880-13981-3	BH-1 (3')	122	115
880-13981-4	BH-1 (4')	131 S1+	114
880-13981-5	BH-1 (5')	174 S1+	127
880-13981-6	BH-1 (7')	131 S1+	133 S1+
880-13981-6 MS	BH-1 (7')	114	104
880-13981-6 MSD	BH-1 (7')	118	104
880-13981-7	BH-1 (10')	134 S1+	137 S1+
880-13981-8	BH-1 (15')	124	126
880-13981-9	BH-1 (16')	133 S1+	133 S1+
880-13981-10	BH-1 (17')	106	111
880-13981-11	BH-1 (18')	141 S1+	141 S1+
880-13981-12	BH-1 (19')	122	127
880-13981-13	BH-1 (20')	124	125
880-13981-14	BH-1 (25')	124	126
880-13981-15	BH-1 (30')	110	112
880-13981-16	BH-1 (35')	122	121
880-13981-17	BH-1 (40')	138 S1+	137 S1+
880-13981-18	BH-1 (45')	111	112

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Surrogate Summary

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-13981-19	BH-1 (50')	125	125
880-13981-20	BH-2 (0-1')	149 S1+	137 S1+
880-13981-21	BH-2 (2')	114	112
880-13981-21 MS	BH-2 (2')	109	98
880-13981-21 MSD	BH-2 (2')	124	111
880-13981-22	BH-2 (3')	121	112
880-13981-23	BH-2 (4')	136 S1+	127
880-13981-24	BH-2 (5')	112	113
880-13981-25	BH-2 (7')	132 S1+	120
880-13981-26	BH-2 (10')	132 S1+	121
880-13981-27	BH-2 (15')	110	116
880-13981-28	BH-2 (16')	121	121
880-13981-29	BH-2 (17')	118	117
880-13981-30	BH-2 (18')	151 S1+	116
880-13981-31	BH-2 (19')	121	113
880-13981-32	BH-2 (20')	133 S1+	113
880-13981-33	BH-2 (25')	117	121
880-13981-34	BH-2 (30')	111	117
880-13981-35	BH-2 (35')	103	111
880-13981-36	BH-2 (40')	126	128
880-13981-37	BH-2 (45')	123	121
880-13981-38	BH-2 (50')	98	100
LCS 880-24047/2-A	Lab Control Sample	132 S1+	119
LCS 880-24048/2-A	Lab Control Sample	118	112
LCSD 880-24047/3-A	Lab Control Sample Dup	133 S1+	124
LCSD 880-24048/3-A	Lab Control Sample Dup	102	95
MB 880-24047/1-A	Method Blank	124	130
MB 880-24048/1-A	Method Blank	123	132 S1+

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-23966/5-A

Matrix: Solid

Analysis Batch: 23985

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 23966

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/21/22 15:50	04/23/22 08:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/21/22 15:50	04/23/22 08:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/21/22 15:50	04/23/22 08:16	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/21/22 15:50	04/23/22 08:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/21/22 15:50	04/23/22 08:16	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/21/22 15:50	04/23/22 08:16	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	04/21/22 15:50	04/23/22 08:16	1
1,4-Difluorobenzene (Surr)	91		70 - 130	04/21/22 15:50	04/23/22 08:16	1

Lab Sample ID: MB 880-24098/5-A

Matrix: Solid

Analysis Batch: 23985

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 24098

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/23/22 12:22	04/23/22 21:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/23/22 12:22	04/23/22 21:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/23/22 12:22	04/23/22 21:49	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/23/22 12:22	04/23/22 21:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/23/22 12:22	04/23/22 21:49	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/23/22 12:22	04/23/22 21:49	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	04/23/22 12:22	04/23/22 21:49	1
1,4-Difluorobenzene (Surr)	91		70 - 130	04/23/22 12:22	04/23/22 21:49	1

Lab Sample ID: LCS 880-24098/1-A

Matrix: Solid

Analysis Batch: 23985

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 24098

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1159		mg/Kg		116	70 - 130
Toluene	0.100	0.1067		mg/Kg		107	70 - 130
Ethylbenzene	0.100	0.09536		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	0.200	0.2010		mg/Kg		101	70 - 130
o-Xylene	0.100	0.09835		mg/Kg		98	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-24098/2-A

Matrix: Solid

Analysis Batch: 23985

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 24098

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1124		mg/Kg		112	70 - 130	3	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCSD 880-24098/2-A

Matrix: Solid

Analysis Batch: 23985

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 24098

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.1036		mg/Kg		104	70 - 130	3	35
Ethylbenzene	0.100	0.09254		mg/Kg		93	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.1951		mg/Kg		98	70 - 130	3	35
o-Xylene	0.100	0.09559		mg/Kg		96	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-13973-A-19-C MS

Matrix: Solid

Analysis Batch: 23985

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 24098

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0998	0.1203		mg/Kg		121	70 - 130
Toluene	<0.00200	U	0.0998	0.1089		mg/Kg		109	70 - 130
Ethylbenzene	<0.00200	U F1	0.0998	0.09131		mg/Kg		91	70 - 130
m-Xylene & p-Xylene	<0.00401	U F1 F2	0.200	0.1904		mg/Kg		95	70 - 130
o-Xylene	<0.00200	U F1	0.0998	0.09236		mg/Kg		93	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-13973-A-19-D MSD

Matrix: Solid

Analysis Batch: 23985

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 24098

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0996	0.09700		mg/Kg		97	70 - 130	21	35
Toluene	<0.00200	U	0.0996	0.08376		mg/Kg		84	70 - 130	26	35
Ethylbenzene	<0.00200	U F1	0.0996	0.06394	F1	mg/Kg		64	70 - 130	35	35
m-Xylene & p-Xylene	<0.00401	U F1 F2	0.199	0.1324	F1 F2	mg/Kg		66	70 - 130	36	35
o-Xylene	<0.00200	U F1	0.0996	0.06513	F1	mg/Kg		65	70 - 130	35	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: MB 880-24099/5-A

Matrix: Solid

Analysis Batch: 24304

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 24099

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/23/22 12:31	04/27/22 14:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/23/22 12:31	04/27/22 14:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/23/22 12:31	04/27/22 14:18	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/23/22 12:31	04/27/22 14:18	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

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

Lab Sample ID: MB 880-24099/5-A

Matrix: Solid

Analysis Batch: 24304

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 24099

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/23/22 12:31	04/27/22 14:18	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/23/22 12:31	04/27/22 14:18	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				04/23/22 12:31	04/27/22 14:18	1
1,4-Difluorobenzene (Surr)	102		70 - 130				04/23/22 12:31	04/27/22 14:18	1

Lab Sample ID: LCS 880-24099/1-A

Matrix: Solid

Analysis Batch: 24304

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 24099

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1350	*+	mg/Kg		135	70 - 130
Toluene	0.100	0.1526	*+	mg/Kg		153	70 - 130
Ethylbenzene	0.100	0.1429	*+	mg/Kg		143	70 - 130
m-Xylene & p-Xylene	0.200	0.2927	*+	mg/Kg		146	70 - 130
o-Xylene	0.100	0.1348	*+	mg/Kg		135	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	100		70 - 130				
1,4-Difluorobenzene (Surr)	103		70 - 130				

Lab Sample ID: LCSD 880-24099/2-A

Matrix: Solid

Analysis Batch: 24304

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 24099

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1185		mg/Kg		119	70 - 130	13	35
Toluene	0.100	0.1276		mg/Kg		128	70 - 130	18	35
Ethylbenzene	0.100	0.1177		mg/Kg		118	70 - 130	19	35
m-Xylene & p-Xylene	0.200	0.2405		mg/Kg		120	70 - 130	20	35
o-Xylene	0.100	0.1119		mg/Kg		112	70 - 130	19	35
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	95		70 - 130						
1,4-Difluorobenzene (Surr)	104		70 - 130						

Lab Sample ID: 880-13981-14 MS

Matrix: Solid

Analysis Batch: 24304

Client Sample ID: BH-1 (25')

Prep Type: Total/NA

Prep Batch: 24099

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U *	0.0996	0.08276		mg/Kg		83	70 - 130
Toluene	<0.00200	U *	0.0996	0.09680		mg/Kg		96	70 - 130
Ethylbenzene	<0.00200	U *	0.0996	0.1039		mg/Kg		103	70 - 130
m-Xylene & p-Xylene	<0.00399	U *	0.199	0.2056		mg/Kg		102	70 - 130
o-Xylene	<0.00200	U *	0.0996	0.1009		mg/Kg		99	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-13981-14 MS

Matrix: Solid

Analysis Batch: 24304

Client Sample ID: BH-1 (25')

Prep Type: Total/NA

Prep Batch: 24099

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-13981-14 MSD

Matrix: Solid

Analysis Batch: 24304

Client Sample ID: BH-1 (25')

Prep Type: Total/NA

Prep Batch: 24099

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U *	0.0994	0.08406		mg/Kg		85	70 - 130	2	35
Toluene	<0.00200	U *	0.0994	0.1018		mg/Kg		101	70 - 130	5	35
Ethylbenzene	<0.00200	U *	0.0994	0.1085		mg/Kg		108	70 - 130	4	35
m-Xylene & p-Xylene	<0.00399	U *	0.199	0.2148		mg/Kg		107	70 - 130	4	35
o-Xylene	<0.00200	U *	0.0994	0.1056		mg/Kg		104	70 - 130	4	35

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

Lab Sample ID: MB 880-24101/5-A

Matrix: Solid

Analysis Batch: 24221

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 24101

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/23/22 12:34	04/26/22 19:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/23/22 12:34	04/26/22 19:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/23/22 12:34	04/26/22 19:13	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/23/22 12:34	04/26/22 19:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/23/22 12:34	04/26/22 19:13	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/23/22 12:34	04/26/22 19:13	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	104		70 - 130	04/23/22 12:34	04/26/22 19:13	1			
1,4-Difluorobenzene (Surr)	93		70 - 130	04/23/22 12:34	04/26/22 19:13	1			

Lab Sample ID: LCS 880-24101/1-A

Matrix: Solid

Analysis Batch: 24221

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 24101

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08744		mg/Kg		87	70 - 130
Toluene	0.100	0.08908		mg/Kg		89	70 - 130
Ethylbenzene	0.100	0.09400		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.1910		mg/Kg		95	70 - 130
o-Xylene	0.100	0.09624		mg/Kg		96	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-24101/1-A

Matrix: Solid

Analysis Batch: 24221

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 24101

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

Lab Sample ID: LCSD 880-24101/2-A

Matrix: Solid

Analysis Batch: 24221

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 24101

			Spike	LCS	LCS						RPD
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene			0.100	0.08519		mg/Kg		85	70 - 130	3	35
Toluene			0.100	0.08814		mg/Kg		88	70 - 130	1	35
Ethylbenzene			0.100	0.09435		mg/Kg		94	70 - 130	0	35
m-Xylene & p-Xylene			0.200	0.1934		mg/Kg		97	70 - 130	1	35
o-Xylene			0.100	0.09887		mg/Kg		99	70 - 130	3	35

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-13974-A-13-G MS

Matrix: Solid

Analysis Batch: 24221

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 24101

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00199	U	0.0996	0.07393		mg/Kg		74	70 - 130		
Toluene	<0.00199	U F1	0.0996	0.07437		mg/Kg		75	70 - 130		
Ethylbenzene	<0.00199	U	0.0996	0.07522		mg/Kg		76	70 - 130		
m-Xylene & p-Xylene	<0.00398	U	0.199	0.1521		mg/Kg		76	70 - 130		
o-Xylene	<0.00199	U	0.0996	0.07704		mg/Kg		77	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 880-13974-A-13-H MSD

Matrix: Solid

Analysis Batch: 24221

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 24101

	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	0.07301		mg/Kg		73	70 - 130	1	35
Toluene	<0.00199	U F1	0.100	0.06831	F1	mg/Kg		68	70 - 130	8	35
Ethylbenzene	<0.00199	U	0.100	0.07257		mg/Kg		72	70 - 130	4	35
m-Xylene & p-Xylene	<0.00398	U	0.200	0.1646		mg/Kg		82	70 - 130	8	35
o-Xylene	<0.00199	U	0.100	0.07616		mg/Kg		76	70 - 130	1	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

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

Lab Sample ID: MB 880-24111/5-A

Matrix: Solid

Analysis Batch: 24110

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 24111

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/24/22 22:21	04/25/22 01:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/24/22 22:21	04/25/22 01:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/24/22 22:21	04/25/22 01:09	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/24/22 22:21	04/25/22 01:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/24/22 22:21	04/25/22 01:09	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/24/22 22:21	04/25/22 01:09	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	04/24/22 22:21	04/25/22 01:09	1
1,4-Difluorobenzene (Surr)	96		70 - 130	04/24/22 22:21	04/25/22 01:09	1

Lab Sample ID: LCS 880-24111/1-A

Matrix: Solid

Analysis Batch: 24110

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 24111

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.07124		mg/Kg		71	70 - 130
Toluene	0.100	0.09089		mg/Kg		91	70 - 130
Ethylbenzene	0.100	0.09549		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	0.200	0.1938		mg/Kg		97	70 - 130
o-Xylene	0.100	0.09767		mg/Kg		98	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: LCSD 880-24111/2-A

Matrix: Solid

Analysis Batch: 24110

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 24111

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.07926		mg/Kg		79	70 - 130	11	35
Toluene	0.100	0.09758		mg/Kg		98	70 - 130	7	35
Ethylbenzene	0.100	0.1017		mg/Kg		102	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.2056		mg/Kg		103	70 - 130	6	35
o-Xylene	0.100	0.1035		mg/Kg		104	70 - 130	6	35

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

Lab Sample ID: 880-13850-A-1-H MS

Matrix: Solid

Analysis Batch: 24110

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 24111

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09875		mg/Kg		99	70 - 130
Toluene	<0.00200	U F1	0.100	0.1308	F1	mg/Kg		131	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-13850-A-1-H MS

Matrix: Solid

Analysis Batch: 24110

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 24111

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.1271		mg/Kg		127	70 - 130
m-Xylene & p-Xylene	<0.00401	U F1	0.200	0.2702	F1	mg/Kg		135	70 - 130
o-Xylene	<0.00200	U	0.100	0.1254		mg/Kg		125	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: 880-13850-A-1-I MSD

Matrix: Solid

Analysis Batch: 24110

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 24111

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0996	0.1096		mg/Kg		110	70 - 130	10	35
Toluene	<0.00200	U F1	0.0996	0.1232		mg/Kg		124	70 - 130	6	35
Ethylbenzene	<0.00200	U	0.0996	0.1164		mg/Kg		117	70 - 130	9	35
m-Xylene & p-Xylene	<0.00401	U F1	0.199	0.2439		mg/Kg		122	70 - 130	10	35
o-Xylene	<0.00200	U	0.0996	0.1147		mg/Kg		115	70 - 130	9	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-24129/5-A

Matrix: Solid

Analysis Batch: 24203

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 24129

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/25/22 09:30	04/26/22 16:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/25/22 09:30	04/26/22 16:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/25/22 09:30	04/26/22 16:58	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/25/22 09:30	04/26/22 16:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/25/22 09:30	04/26/22 16:58	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/25/22 09:30	04/26/22 16:58	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	04/25/22 09:30	04/26/22 16:58	1
1,4-Difluorobenzene (Surr)	101		70 - 130	04/25/22 09:30	04/26/22 16:58	1

Lab Sample ID: LCS 880-24129/1-A

Matrix: Solid

Analysis Batch: 24203

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 24129

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09829		mg/Kg		98	70 - 130
Toluene	0.100	0.1109		mg/Kg		111	70 - 130
Ethylbenzene	0.100	0.1009		mg/Kg		101	70 - 130
m-Xylene & p-Xylene	0.200	0.2095		mg/Kg		105	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-24129/1-A

Matrix: Solid

Analysis Batch: 24203

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 24129

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.09837		mg/Kg		98	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-24129/2-A

Matrix: Solid

Analysis Batch: 24203

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 24129

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.07881		mg/Kg		79	70 - 130	22	35
Toluene	0.100	0.09900		mg/Kg		99	70 - 130	11	35
Ethylbenzene	0.100	0.1036		mg/Kg		104	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2083		mg/Kg		104	70 - 130	1	35
o-Xylene	0.100	0.1022		mg/Kg		102	70 - 130	4	35

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

Lab Sample ID: 880-14015-A-21-D MS

Matrix: Solid

Analysis Batch: 24203

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 24129

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0996	0.07795		mg/Kg		78	70 - 130
Toluene	<0.00200	U F1	0.0996	0.06404	F1	mg/Kg		64	70 - 130
Ethylbenzene	<0.00200	U F1	0.0996	0.03999	F1	mg/Kg		40	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1	0.199	0.07710	F1	mg/Kg		39	70 - 130
o-Xylene	<0.00200	U F1	0.0996	0.04053	F1	mg/Kg		41	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 880-14015-A-21-E MSD

Matrix: Solid

Analysis Batch: 24203

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 24129

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0998	0.07595		mg/Kg		76	70 - 130	3	35
Toluene	<0.00200	U F1	0.0998	0.06424	F1	mg/Kg		64	70 - 130	0	35
Ethylbenzene	<0.00200	U F1	0.0998	0.04391	F1	mg/Kg		44	70 - 130	9	35
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.08632	F1	mg/Kg		43	70 - 130	11	35
o-Xylene	<0.00200	U F1	0.0998	0.04321	F1	mg/Kg		43	70 - 130	6	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-14015-A-21-E MSD

Matrix: Solid

Analysis Batch: 24203

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 24129

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: MB 880-24169/5-A

Matrix: Solid

Analysis Batch: 24221

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 24169

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/25/22 11:29	04/27/22 06:29	1	
Toluene	<0.00200	U	0.00200		mg/Kg		04/25/22 11:29	04/27/22 06:29	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/25/22 11:29	04/27/22 06:29	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/25/22 11:29	04/27/22 06:29	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/25/22 11:29	04/27/22 06:29	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/25/22 11:29	04/27/22 06:29	1	
	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				04/25/22 11:29	04/27/22 06:29	1	
1,4-Difluorobenzene (Surr)	93		70 - 130				04/25/22 11:29	04/27/22 06:29	1	

Lab Sample ID: LCS 880-24169/1-A

Matrix: Solid

Analysis Batch: 24221

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 24169

	Spike	LCS	LCS					%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Benzene	0.100	0.09876		mg/Kg		99	70 - 130			
Toluene	0.100	0.09878		mg/Kg		99	70 - 130			
Ethylbenzene	0.100	0.09946		mg/Kg		99	70 - 130			
m-Xylene & p-Xylene	0.200	0.2038		mg/Kg		102	70 - 130			
o-Xylene	0.100	0.1035		mg/Kg		103	70 - 130			
	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	101		70 - 130							
1,4-Difluorobenzene (Surr)	99		70 - 130							

Lab Sample ID: LCSD 880-24169/2-A

Matrix: Solid

Analysis Batch: 24221

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 24169

	Spike	LCSD	LCSD					%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.08596		mg/Kg		86	70 - 130	14	35	
Toluene	0.100	0.08781		mg/Kg		88	70 - 130	12	35	
Ethylbenzene	0.100	0.09054		mg/Kg		91	70 - 130	9	35	
m-Xylene & p-Xylene	0.200	0.1870		mg/Kg		94	70 - 130	9	35	
o-Xylene	0.100	0.09620		mg/Kg		96	70 - 130	7	35	
	LCSD	LCSD								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	104		70 - 130							

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QC Sample Results

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCSD 880-24169/2-A

Matrix: Solid

Analysis Batch: 24221

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 24169

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

Lab Sample ID: 880-13930-A-1-C MS

Matrix: Solid

Analysis Batch: 24221

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 24169

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00200	U F2 F1	0.0998	0.04735	F1	mg/Kg		47	70 - 130	
Toluene	<0.00200	U F2 F1	0.0998	0.04736	F1	mg/Kg		47	70 - 130	
Ethylbenzene	<0.00200	U F2 F1	0.0998	0.04657	F1	mg/Kg		47	70 - 130	
m-Xylene & p-Xylene	<0.00401	U F2 F1	0.200	0.09337	F1	mg/Kg		47	70 - 130	
o-Xylene	<0.00200	U F1	0.0998	0.05053	F1	mg/Kg		51	70 - 130	

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

Lab Sample ID: 880-13930-A-1-D MSD

Matrix: Solid

Analysis Batch: 24221

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 24169

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	<0.00200	U F2 F1	0.0990	0.02978	F2 F1	mg/Kg		30	70 - 130	46	35	
Toluene	<0.00200	U F2 F1	0.0990	0.03141	F2 F1	mg/Kg		32	70 - 130	41	35	
Ethylbenzene	<0.00200	U F2 F1	0.0990	0.03026	F2 F1	mg/Kg		31	70 - 130	42	35	
m-Xylene & p-Xylene	<0.00401	U F2 F1	0.198	0.06459	F2 F1	mg/Kg		33	70 - 130	36	35	
o-Xylene	<0.00200	U F1	0.0990	0.03581	F1	mg/Kg		36	70 - 130	34	35	

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

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

Lab Sample ID: MB 880-24047/1-A

Matrix: Solid

Analysis Batch: 24105

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 24047

	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		04/22/22 13:29	04/24/22 11:33	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/22/22 13:29	04/24/22 11:33	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/22/22 13:29	04/24/22 11:33	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac				
1-Chlorooctane	124		70 - 130	04/22/22 13:29	04/24/22 11:33	1				
o-Terphenyl	130		70 - 130	04/22/22 13:29	04/24/22 11:33	1				

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QC Sample Results

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-24047/2-A

Matrix: Solid

Analysis Batch: 24105

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 24047

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1063		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1282		mg/Kg		128	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	132	S1+	70 - 130				
o-Terphenyl	119		70 - 130				

Lab Sample ID: LCSD 880-24047/3-A

Matrix: Solid

Analysis Batch: 24105

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 24047

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1075		mg/Kg		108	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	1203		mg/Kg		120	70 - 130	6	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	133	S1+	70 - 130						
o-Terphenyl	124		70 - 130						

Lab Sample ID: 880-13981-6 MS

Matrix: Solid

Analysis Batch: 24105

Client Sample ID: BH-1 (7')

Prep Type: Total/NA

Prep Batch: 24047

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	101		999	1289		mg/Kg		119	70 - 130
Diesel Range Organics (Over C10-C28)	164		999	1421		mg/Kg		126	70 - 130
Surrogate	%Recovery	MS Qualifier	Limits						
1-Chlorooctane	114		70 - 130						
o-Terphenyl	104		70 - 130						

Lab Sample ID: 880-13981-6 MSD

Matrix: Solid

Analysis Batch: 24105

Client Sample ID: BH-1 (7')

Prep Type: Total/NA

Prep Batch: 24047

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	101		999	1388		mg/Kg		129	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	164		999	1438		mg/Kg		128	70 - 130	1	20
Surrogate	%Recovery	MSD Qualifier	Limits								
1-Chlorooctane	118		70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-13981-6 MSD

Matrix: Solid

Analysis Batch: 24105

Client Sample ID: BH-1 (7')

Prep Type: Total/NA

Prep Batch: 24047

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	104		70 - 130

Lab Sample ID: MB 880-24048/1-A

Matrix: Solid

Analysis Batch: 24105

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 24048

	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		04/22/22 13:32	04/24/22 20:48	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/22/22 13:32	04/24/22 20:48	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/22/22 13:32	04/24/22 20:48	1	
	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
1-Chlorooctane	123		70 - 130				04/22/22 13:32	04/24/22 20:48	1	
<i>o</i> -Terphenyl	132	S1+	70 - 130				04/22/22 13:32	04/24/22 20:48	1	

Lab Sample ID: LCS 880-24048/2-A

Matrix: Solid

Analysis Batch: 24105

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 24048

		Spike	LCS	LCS				%Rec		
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10		1000	995.8		mg/Kg		100	70 - 130		
Diesel Range Organics (Over C10-C28)		1000	1224		mg/Kg		122	70 - 130		
	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	118		70 - 130							
<i>o</i> -Terphenyl	112		70 - 130							

Lab Sample ID: LCSD 880-24048/3-A

Matrix: Solid

Analysis Batch: 24105

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 24048

			Spike	LCSD	LCSD				%Rec	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	735.4	*1	mg/Kg		74	70 - 130	30	20
Diesel Range Organics (Over C10-C28)			1000	921.3	*1	mg/Kg		92	70 - 130	28	20
	LCSD	LCSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	102		70 - 130								
o-Terphenyl	95		70 - 130								

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-13981-21 MS

Matrix: Solid

Analysis Batch: 24105

Client Sample ID: BH-2 (2')

Prep Type: Total/NA

Prep Batch: 24048

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	427	*1	999	1526		mg/Kg		110	70 - 130
Diesel Range Organics (Over C10-C28)	450	*1	999	1388		mg/Kg		94	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	109		70 - 130						
o-Terphenyl	98		70 - 130						

Lab Sample ID: 880-13981-21 MSD

Matrix: Solid

Analysis Batch: 24105

Client Sample ID: BH-2 (2')

Prep Type: Total/NA

Prep Batch: 24048

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	427	*1	999	1682		mg/Kg		126	70 - 130	10	20
Diesel Range Organics (Over C10-C28)	450	*1	999	1602		mg/Kg		115	70 - 130	14	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	124		70 - 130								
o-Terphenyl	111		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-24068/1-A

Matrix: Solid

Analysis Batch: 24258

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/26/22 18:40	1

Lab Sample ID: LCS 880-24068/2-A

Matrix: Solid

Analysis Batch: 24258

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	255.4		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-24068/3-A

Matrix: Solid

Analysis Batch: 24258

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	264.8		mg/Kg		106	90 - 110	4	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-13981-1 MS

Matrix: Solid

Analysis Batch: 24258

Client Sample ID: BH-1 (0-1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.63		248	264.1		mg/Kg		104	90 - 110

Lab Sample ID: 880-13981-1 MSD

Matrix: Solid

Analysis Batch: 24258

Client Sample ID: BH-1 (0-1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	5.63		248	261.1		mg/Kg		103	90 - 110	1	20

Lab Sample ID: MB 880-24078/1-A

Matrix: Solid

Analysis Batch: 24260

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/27/22 04:00	1

Lab Sample ID: LCS 880-24078/2-A

Matrix: Solid

Analysis Batch: 24260

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	265.4		mg/Kg		106	90 - 110

Lab Sample ID: LCSD 880-24078/3-A

Matrix: Solid

Analysis Batch: 24260

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	243.2		mg/Kg		97	90 - 110	9	20

Lab Sample ID: 880-13981-9 MS

Matrix: Solid

Analysis Batch: 24260

Client Sample ID: BH-1 (16')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	15.2		250	245.3		mg/Kg		92	90 - 110

Lab Sample ID: 880-13981-9 MSD

Matrix: Solid

Analysis Batch: 24260

Client Sample ID: BH-1 (16')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	15.2		250	263.8		mg/Kg		99	90 - 110	7	20

Lab Sample ID: 880-13981-19 MS

Matrix: Solid

Analysis Batch: 24260

Client Sample ID: BH-1 (50')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	15.4	F1	251	266.5		mg/Kg		100	90 - 110

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QC Sample Results

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-13981-19 MSD

Matrix: Solid

Analysis Batch: 24260

Client Sample ID: BH-1 (50')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	15.4	F1	251	235.7	F1	mg/Kg		88	90 - 110	12	20

Lab Sample ID: MB 880-24079/1-A

Matrix: Solid

Analysis Batch: 24272

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/27/22 07:40	1

Lab Sample ID: LCS 880-24079/2-A

Matrix: Solid

Analysis Batch: 24272

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	248.7		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-24079/3-A

Matrix: Solid

Analysis Batch: 24272

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	236.5		mg/Kg		95	90 - 110	5	20

Lab Sample ID: 880-13981-29 MS

Matrix: Solid

Analysis Batch: 24272

Client Sample ID: BH-2 (17')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	68.5		250	338.8		mg/Kg		108	90 - 110

Lab Sample ID: 880-13981-29 MSD

Matrix: Solid

Analysis Batch: 24272

Client Sample ID: BH-2 (17')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	68.5		250	337.9		mg/Kg		108	90 - 110	0	20

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QC Association Summary

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

GC VOA

Prep Batch: 23966

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-23966/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 23985

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13981-1	BH-1 (0-1')	Total/NA	Solid	8021B	24098
880-13981-2	BH-1 (2')	Total/NA	Solid	8021B	24098
880-13981-3	BH-1 (3')	Total/NA	Solid	8021B	24098
880-13981-4	BH-1 (4')	Total/NA	Solid	8021B	24098
880-13981-5	BH-1 (5')	Total/NA	Solid	8021B	24098
880-13981-6	BH-1 (7')	Total/NA	Solid	8021B	24098
880-13981-7	BH-1 (10')	Total/NA	Solid	8021B	24098
880-13981-8	BH-1 (15')	Total/NA	Solid	8021B	24098
880-13981-9	BH-1 (16')	Total/NA	Solid	8021B	24098
880-13981-10	BH-1 (17')	Total/NA	Solid	8021B	24098
880-13981-11	BH-1 (18')	Total/NA	Solid	8021B	24098
880-13981-12	BH-1 (19')	Total/NA	Solid	8021B	24098
MB 880-23966/5-A	Method Blank	Total/NA	Solid	8021B	23966
MB 880-24098/5-A	Method Blank	Total/NA	Solid	8021B	24098
LCS 880-24098/1-A	Lab Control Sample	Total/NA	Solid	8021B	24098
LCSD 880-24098/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	24098
880-13973-A-19-C MS	Matrix Spike	Total/NA	Solid	8021B	24098
880-13973-A-19-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	24098

Prep Batch: 24098

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13981-1	BH-1 (0-1')	Total/NA	Solid	5035	
880-13981-2	BH-1 (2')	Total/NA	Solid	5035	
880-13981-3	BH-1 (3')	Total/NA	Solid	5035	
880-13981-4	BH-1 (4')	Total/NA	Solid	5035	
880-13981-5	BH-1 (5')	Total/NA	Solid	5035	
880-13981-6	BH-1 (7')	Total/NA	Solid	5035	
880-13981-7	BH-1 (10')	Total/NA	Solid	5035	
880-13981-8	BH-1 (15')	Total/NA	Solid	5035	
880-13981-9	BH-1 (16')	Total/NA	Solid	5035	
880-13981-10	BH-1 (17')	Total/NA	Solid	5035	
880-13981-11	BH-1 (18')	Total/NA	Solid	5035	
880-13981-12	BH-1 (19')	Total/NA	Solid	5035	
MB 880-24098/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-24098/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-24098/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-13973-A-19-C MS	Matrix Spike	Total/NA	Solid	5035	
880-13973-A-19-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 24099

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13981-13	BH-1 (20')	Total/NA	Solid	5035	
880-13981-14	BH-1 (25')	Total/NA	Solid	5035	
880-13981-15	BH-1 (30')	Total/NA	Solid	5035	
880-13981-16	BH-1 (35')	Total/NA	Solid	5035	
880-13981-17	BH-1 (40')	Total/NA	Solid	5035	
880-13981-18	BH-1 (45')	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

GC VOA (Continued)

Prep Batch: 24099 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13981-19	BH-1 (50')	Total/NA	Solid	5035	
880-13981-20	BH-2 (0-1')	Total/NA	Solid	5035	
880-13981-21	BH-2 (2')	Total/NA	Solid	5035	
880-13981-22	BH-2 (3')	Total/NA	Solid	5035	
MB 880-24099/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-24099/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-24099/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-13981-14 MS	BH-1 (25')	Total/NA	Solid	5035	
880-13981-14 MSD	BH-1 (25')	Total/NA	Solid	5035	

Prep Batch: 24101

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13981-9	BH-1 (16')	Total/NA	Solid	5035	
MB 880-24101/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-24101/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-24101/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-13974-A-13-G MS	Matrix Spike	Total/NA	Solid	5035	
880-13974-A-13-H MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 24110

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13981-4	BH-1 (4')	Total/NA	Solid	8021B	24111
880-13981-5	BH-1 (5')	Total/NA	Solid	8021B	24111
880-13981-6	BH-1 (7')	Total/NA	Solid	8021B	24111
880-13981-7	BH-1 (10')	Total/NA	Solid	8021B	24111
MB 880-24111/5-A	Method Blank	Total/NA	Solid	8021B	24111
LCS 880-24111/1-A	Lab Control Sample	Total/NA	Solid	8021B	24111
LCSD 880-24111/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	24111
880-13850-A-1-H MS	Matrix Spike	Total/NA	Solid	8021B	24111
880-13850-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	24111

Prep Batch: 24111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13981-4	BH-1 (4')	Total/NA	Solid	5035	
880-13981-5	BH-1 (5')	Total/NA	Solid	5035	
880-13981-6	BH-1 (7')	Total/NA	Solid	5035	
880-13981-7	BH-1 (10')	Total/NA	Solid	5035	
MB 880-24111/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-24111/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-24111/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-13850-A-1-H MS	Matrix Spike	Total/NA	Solid	5035	
880-13850-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 24129

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13981-33	BH-2 (25')	Total/NA	Solid	5035	
880-13981-34	BH-2 (30')	Total/NA	Solid	5035	
880-13981-35	BH-2 (35')	Total/NA	Solid	5035	
880-13981-36	BH-2 (40')	Total/NA	Solid	5035	
880-13981-37	BH-2 (45')	Total/NA	Solid	5035	
880-13981-38	BH-2 (50')	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

GC VOA (Continued)

Prep Batch: 24129 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-24129/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-24129/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-24129/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-14015-A-21-D MS	Matrix Spike	Total/NA	Solid	5035	
880-14015-A-21-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 24169

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13981-23	BH-2 (4')	Total/NA	Solid	5035	
880-13981-24	BH-2 (5')	Total/NA	Solid	5035	
880-13981-25	BH-2 (7')	Total/NA	Solid	5035	
880-13981-26	BH-2 (10')	Total/NA	Solid	5035	
880-13981-27	BH-2 (15')	Total/NA	Solid	5035	
880-13981-28	BH-2 (16')	Total/NA	Solid	5035	
880-13981-29	BH-2 (17')	Total/NA	Solid	5035	
880-13981-30	BH-2 (18')	Total/NA	Solid	5035	
880-13981-31	BH-2 (19')	Total/NA	Solid	5035	
880-13981-32	BH-2 (20')	Total/NA	Solid	5035	
MB 880-24169/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-24169/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-24169/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-13930-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
880-13930-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 24183

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13981-1	BH-1 (0-1')	Total/NA	Solid	Total BTEX	
880-13981-2	BH-1 (2')	Total/NA	Solid	Total BTEX	
880-13981-3	BH-1 (3')	Total/NA	Solid	Total BTEX	
880-13981-4	BH-1 (4')	Total/NA	Solid	Total BTEX	
880-13981-5	BH-1 (5')	Total/NA	Solid	Total BTEX	
880-13981-6	BH-1 (7')	Total/NA	Solid	Total BTEX	
880-13981-7	BH-1 (10')	Total/NA	Solid	Total BTEX	
880-13981-8	BH-1 (15')	Total/NA	Solid	Total BTEX	
880-13981-9	BH-1 (16')	Total/NA	Solid	Total BTEX	
880-13981-10	BH-1 (17')	Total/NA	Solid	Total BTEX	
880-13981-11	BH-1 (18')	Total/NA	Solid	Total BTEX	
880-13981-12	BH-1 (19')	Total/NA	Solid	Total BTEX	
880-13981-13	BH-1 (20')	Total/NA	Solid	Total BTEX	
880-13981-14	BH-1 (25')	Total/NA	Solid	Total BTEX	
880-13981-15	BH-1 (30')	Total/NA	Solid	Total BTEX	
880-13981-16	BH-1 (35')	Total/NA	Solid	Total BTEX	
880-13981-17	BH-1 (40')	Total/NA	Solid	Total BTEX	
880-13981-18	BH-1 (45')	Total/NA	Solid	Total BTEX	
880-13981-19	BH-1 (50')	Total/NA	Solid	Total BTEX	
880-13981-20	BH-2 (0-1')	Total/NA	Solid	Total BTEX	
880-13981-21	BH-2 (2')	Total/NA	Solid	Total BTEX	
880-13981-22	BH-2 (3')	Total/NA	Solid	Total BTEX	
880-13981-23	BH-2 (4')	Total/NA	Solid	Total BTEX	
880-13981-24	BH-2 (5')	Total/NA	Solid	Total BTEX	
880-13981-25	BH-2 (7')	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

GC VOA (Continued)

Analysis Batch: 24183 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13981-26	BH-2 (10')	Total/NA	Solid	Total BTEX	
880-13981-27	BH-2 (15')	Total/NA	Solid	Total BTEX	
880-13981-28	BH-2 (16')	Total/NA	Solid	Total BTEX	
880-13981-29	BH-2 (17')	Total/NA	Solid	Total BTEX	
880-13981-30	BH-2 (18')	Total/NA	Solid	Total BTEX	
880-13981-31	BH-2 (19')	Total/NA	Solid	Total BTEX	
880-13981-32	BH-2 (20')	Total/NA	Solid	Total BTEX	
880-13981-33	BH-2 (25')	Total/NA	Solid	Total BTEX	
880-13981-34	BH-2 (30')	Total/NA	Solid	Total BTEX	
880-13981-35	BH-2 (35')	Total/NA	Solid	Total BTEX	
880-13981-36	BH-2 (40')	Total/NA	Solid	Total BTEX	
880-13981-37	BH-2 (45')	Total/NA	Solid	Total BTEX	
880-13981-38	BH-2 (50')	Total/NA	Solid	Total BTEX	

Analysis Batch: 24203

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13981-33	BH-2 (25')	Total/NA	Solid	8021B	24129
880-13981-34	BH-2 (30')	Total/NA	Solid	8021B	24129
880-13981-35	BH-2 (35')	Total/NA	Solid	8021B	24129
880-13981-36	BH-2 (40')	Total/NA	Solid	8021B	24129
880-13981-37	BH-2 (45')	Total/NA	Solid	8021B	24129
880-13981-38	BH-2 (50')	Total/NA	Solid	8021B	24129
MB 880-24129/5-A	Method Blank	Total/NA	Solid	8021B	24129
LCS 880-24129/1-A	Lab Control Sample	Total/NA	Solid	8021B	24129
LCSD 880-24129/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	24129
880-14015-A-21-D MS	Matrix Spike	Total/NA	Solid	8021B	24129
880-14015-A-21-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	24129

Analysis Batch: 24221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13981-9	BH-1 (16')	Total/NA	Solid	8021B	24101
880-13981-23	BH-2 (4')	Total/NA	Solid	8021B	24169
880-13981-24	BH-2 (5')	Total/NA	Solid	8021B	24169
880-13981-25	BH-2 (7')	Total/NA	Solid	8021B	24169
880-13981-26	BH-2 (10')	Total/NA	Solid	8021B	24169
880-13981-27	BH-2 (15')	Total/NA	Solid	8021B	24169
880-13981-28	BH-2 (16')	Total/NA	Solid	8021B	24169
880-13981-29	BH-2 (17')	Total/NA	Solid	8021B	24169
880-13981-30	BH-2 (18')	Total/NA	Solid	8021B	24169
880-13981-31	BH-2 (19')	Total/NA	Solid	8021B	24169
880-13981-32	BH-2 (20')	Total/NA	Solid	8021B	24169
MB 880-24101/5-A	Method Blank	Total/NA	Solid	8021B	24101
MB 880-24169/5-A	Method Blank	Total/NA	Solid	8021B	24169
LCS 880-24101/1-A	Lab Control Sample	Total/NA	Solid	8021B	24101
LCS 880-24169/1-A	Lab Control Sample	Total/NA	Solid	8021B	24169
LCSD 880-24101/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	24101
LCSD 880-24169/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	24169
880-13930-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	24169
880-13930-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	24169
880-13974-A-13-G MS	Matrix Spike	Total/NA	Solid	8021B	24101
880-13974-A-13-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	24101

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

GC VOA

Analysis Batch: 24304

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13981-13	BH-1 (20')	Total/NA	Solid	8021B	24099
880-13981-14	BH-1 (25')	Total/NA	Solid	8021B	24099
880-13981-15	BH-1 (30')	Total/NA	Solid	8021B	24099
880-13981-16	BH-1 (35')	Total/NA	Solid	8021B	24099
880-13981-17	BH-1 (40')	Total/NA	Solid	8021B	24099
880-13981-18	BH-1 (45')	Total/NA	Solid	8021B	24099
880-13981-19	BH-1 (50')	Total/NA	Solid	8021B	24099
880-13981-20	BH-2 (0-1')	Total/NA	Solid	8021B	24099
880-13981-21	BH-2 (2')	Total/NA	Solid	8021B	24099
880-13981-22	BH-2 (3')	Total/NA	Solid	8021B	24099
MB 880-24099/5-A	Method Blank	Total/NA	Solid	8021B	24099
LCS 880-24099/1-A	Lab Control Sample	Total/NA	Solid	8021B	24099
LCSD 880-24099/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	24099
880-13981-14 MS	BH-1 (25')	Total/NA	Solid	8021B	24099
880-13981-14 MSD	BH-1 (25')	Total/NA	Solid	8021B	24099

GC Semi VOA

Prep Batch: 24047

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13981-1	BH-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-13981-2	BH-1 (2')	Total/NA	Solid	8015NM Prep	
880-13981-3	BH-1 (3')	Total/NA	Solid	8015NM Prep	
880-13981-4	BH-1 (4')	Total/NA	Solid	8015NM Prep	
880-13981-5	BH-1 (5')	Total/NA	Solid	8015NM Prep	
880-13981-6	BH-1 (7')	Total/NA	Solid	8015NM Prep	
880-13981-7	BH-1 (10')	Total/NA	Solid	8015NM Prep	
880-13981-8	BH-1 (15')	Total/NA	Solid	8015NM Prep	
880-13981-9	BH-1 (16')	Total/NA	Solid	8015NM Prep	
880-13981-10	BH-1 (17')	Total/NA	Solid	8015NM Prep	
880-13981-11	BH-1 (18')	Total/NA	Solid	8015NM Prep	
880-13981-12	BH-1 (19')	Total/NA	Solid	8015NM Prep	
880-13981-13	BH-1 (20')	Total/NA	Solid	8015NM Prep	
880-13981-14	BH-1 (25')	Total/NA	Solid	8015NM Prep	
880-13981-15	BH-1 (30')	Total/NA	Solid	8015NM Prep	
880-13981-16	BH-1 (35')	Total/NA	Solid	8015NM Prep	
880-13981-17	BH-1 (40')	Total/NA	Solid	8015NM Prep	
880-13981-18	BH-1 (45')	Total/NA	Solid	8015NM Prep	
880-13981-19	BH-1 (50')	Total/NA	Solid	8015NM Prep	
880-13981-20	BH-2 (0-1')	Total/NA	Solid	8015NM Prep	
MB 880-24047/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-24047/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-24047/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-13981-6 MS	BH-1 (7')	Total/NA	Solid	8015NM Prep	
880-13981-6 MSD	BH-1 (7')	Total/NA	Solid	8015NM Prep	

Prep Batch: 24048

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13981-21	BH-2 (2')	Total/NA	Solid	8015NM Prep	
880-13981-22	BH-2 (3')	Total/NA	Solid	8015NM Prep	
880-13981-23	BH-2 (4')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Prep Batch: 24048 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13981-24	BH-2 (5')	Total/NA	Solid	8015NM Prep	
880-13981-25	BH-2 (7')	Total/NA	Solid	8015NM Prep	
880-13981-26	BH-2 (10')	Total/NA	Solid	8015NM Prep	
880-13981-27	BH-2 (15')	Total/NA	Solid	8015NM Prep	
880-13981-28	BH-2 (16')	Total/NA	Solid	8015NM Prep	
880-13981-29	BH-2 (17')	Total/NA	Solid	8015NM Prep	
880-13981-30	BH-2 (18')	Total/NA	Solid	8015NM Prep	
880-13981-31	BH-2 (19')	Total/NA	Solid	8015NM Prep	
880-13981-32	BH-2 (20')	Total/NA	Solid	8015NM Prep	
880-13981-33	BH-2 (25')	Total/NA	Solid	8015NM Prep	
880-13981-34	BH-2 (30')	Total/NA	Solid	8015NM Prep	
880-13981-35	BH-2 (35')	Total/NA	Solid	8015NM Prep	
880-13981-36	BH-2 (40')	Total/NA	Solid	8015NM Prep	
880-13981-37	BH-2 (45')	Total/NA	Solid	8015NM Prep	
880-13981-38	BH-2 (50')	Total/NA	Solid	8015NM Prep	
MB 880-24048/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-24048/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-24048/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-13981-21 MS	BH-2 (2')	Total/NA	Solid	8015NM Prep	
880-13981-21 MSD	BH-2 (2')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 24105

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13981-1	BH-1 (0-1')	Total/NA	Solid	8015B NM	24047
880-13981-2	BH-1 (2')	Total/NA	Solid	8015B NM	24047
880-13981-3	BH-1 (3')	Total/NA	Solid	8015B NM	24047
880-13981-4	BH-1 (4')	Total/NA	Solid	8015B NM	24047
880-13981-5	BH-1 (5')	Total/NA	Solid	8015B NM	24047
880-13981-6	BH-1 (7')	Total/NA	Solid	8015B NM	24047
880-13981-7	BH-1 (10')	Total/NA	Solid	8015B NM	24047
880-13981-8	BH-1 (15')	Total/NA	Solid	8015B NM	24047
880-13981-9	BH-1 (16')	Total/NA	Solid	8015B NM	24047
880-13981-10	BH-1 (17')	Total/NA	Solid	8015B NM	24047
880-13981-11	BH-1 (18')	Total/NA	Solid	8015B NM	24047
880-13981-12	BH-1 (19')	Total/NA	Solid	8015B NM	24047
880-13981-13	BH-1 (20')	Total/NA	Solid	8015B NM	24047
880-13981-14	BH-1 (25')	Total/NA	Solid	8015B NM	24047
880-13981-15	BH-1 (30')	Total/NA	Solid	8015B NM	24047
880-13981-16	BH-1 (35')	Total/NA	Solid	8015B NM	24047
880-13981-17	BH-1 (40')	Total/NA	Solid	8015B NM	24047
880-13981-18	BH-1 (45')	Total/NA	Solid	8015B NM	24047
880-13981-19	BH-1 (50')	Total/NA	Solid	8015B NM	24047
880-13981-20	BH-2 (0-1')	Total/NA	Solid	8015B NM	24047
880-13981-21	BH-2 (2')	Total/NA	Solid	8015B NM	24048
880-13981-22	BH-2 (3')	Total/NA	Solid	8015B NM	24048
880-13981-23	BH-2 (4')	Total/NA	Solid	8015B NM	24048
880-13981-24	BH-2 (5')	Total/NA	Solid	8015B NM	24048
880-13981-25	BH-2 (7')	Total/NA	Solid	8015B NM	24048
880-13981-26	BH-2 (10')	Total/NA	Solid	8015B NM	24048
880-13981-27	BH-2 (15')	Total/NA	Solid	8015B NM	24048
880-13981-28	BH-2 (16')	Total/NA	Solid	8015B NM	24048

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 24105 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13981-29	BH-2 (17')	Total/NA	Solid	8015B NM	24048
880-13981-30	BH-2 (18')	Total/NA	Solid	8015B NM	24048
880-13981-31	BH-2 (19')	Total/NA	Solid	8015B NM	24048
880-13981-32	BH-2 (20')	Total/NA	Solid	8015B NM	24048
880-13981-33	BH-2 (25')	Total/NA	Solid	8015B NM	24048
880-13981-34	BH-2 (30')	Total/NA	Solid	8015B NM	24048
880-13981-35	BH-2 (35')	Total/NA	Solid	8015B NM	24048
880-13981-36	BH-2 (40')	Total/NA	Solid	8015B NM	24048
880-13981-37	BH-2 (45')	Total/NA	Solid	8015B NM	24048
880-13981-38	BH-2 (50')	Total/NA	Solid	8015B NM	24048
MB 880-24047/1-A	Method Blank	Total/NA	Solid	8015B NM	24047
MB 880-24048/1-A	Method Blank	Total/NA	Solid	8015B NM	24048
LCS 880-24047/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	24047
LCS 880-24048/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	24048
LCSD 880-24047/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	24047
LCSD 880-24048/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	24048
880-13981-6 MS	BH-1 (7')	Total/NA	Solid	8015B NM	24047
880-13981-6 MSD	BH-1 (7')	Total/NA	Solid	8015B NM	24047
880-13981-21 MS	BH-2 (2')	Total/NA	Solid	8015B NM	24048
880-13981-21 MSD	BH-2 (2')	Total/NA	Solid	8015B NM	24048

Analysis Batch: 24133

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13981-1	BH-1 (0-1')	Total/NA	Solid	8015 NM	
880-13981-2	BH-1 (2')	Total/NA	Solid	8015 NM	
880-13981-3	BH-1 (3')	Total/NA	Solid	8015 NM	
880-13981-4	BH-1 (4')	Total/NA	Solid	8015 NM	
880-13981-5	BH-1 (5')	Total/NA	Solid	8015 NM	
880-13981-6	BH-1 (7')	Total/NA	Solid	8015 NM	
880-13981-7	BH-1 (10')	Total/NA	Solid	8015 NM	
880-13981-8	BH-1 (15')	Total/NA	Solid	8015 NM	
880-13981-9	BH-1 (16')	Total/NA	Solid	8015 NM	
880-13981-10	BH-1 (17')	Total/NA	Solid	8015 NM	
880-13981-11	BH-1 (18')	Total/NA	Solid	8015 NM	
880-13981-12	BH-1 (19')	Total/NA	Solid	8015 NM	
880-13981-13	BH-1 (20')	Total/NA	Solid	8015 NM	
880-13981-14	BH-1 (25')	Total/NA	Solid	8015 NM	
880-13981-15	BH-1 (30')	Total/NA	Solid	8015 NM	
880-13981-16	BH-1 (35')	Total/NA	Solid	8015 NM	
880-13981-17	BH-1 (40')	Total/NA	Solid	8015 NM	
880-13981-18	BH-1 (45')	Total/NA	Solid	8015 NM	
880-13981-19	BH-1 (50')	Total/NA	Solid	8015 NM	
880-13981-20	BH-2 (0-1')	Total/NA	Solid	8015 NM	
880-13981-21	BH-2 (2')	Total/NA	Solid	8015 NM	
880-13981-22	BH-2 (3')	Total/NA	Solid	8015 NM	
880-13981-23	BH-2 (4')	Total/NA	Solid	8015 NM	
880-13981-24	BH-2 (5')	Total/NA	Solid	8015 NM	
880-13981-25	BH-2 (7')	Total/NA	Solid	8015 NM	
880-13981-26	BH-2 (10')	Total/NA	Solid	8015 NM	
880-13981-27	BH-2 (15')	Total/NA	Solid	8015 NM	
880-13981-28	BH-2 (16')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 24133 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13981-29	BH-2 (17')	Total/NA	Solid	8015 NM	
880-13981-30	BH-2 (18')	Total/NA	Solid	8015 NM	
880-13981-31	BH-2 (19')	Total/NA	Solid	8015 NM	
880-13981-32	BH-2 (20')	Total/NA	Solid	8015 NM	
880-13981-33	BH-2 (25')	Total/NA	Solid	8015 NM	
880-13981-34	BH-2 (30')	Total/NA	Solid	8015 NM	
880-13981-35	BH-2 (35')	Total/NA	Solid	8015 NM	
880-13981-36	BH-2 (40')	Total/NA	Solid	8015 NM	
880-13981-37	BH-2 (45')	Total/NA	Solid	8015 NM	
880-13981-38	BH-2 (50')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 24068

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13981-1	BH-1 (0-1')	Soluble	Solid	DI Leach	
880-13981-2	BH-1 (2')	Soluble	Solid	DI Leach	
880-13981-3	BH-1 (3')	Soluble	Solid	DI Leach	
880-13981-4	BH-1 (4')	Soluble	Solid	DI Leach	
880-13981-5	BH-1 (5')	Soluble	Solid	DI Leach	
880-13981-6	BH-1 (7')	Soluble	Solid	DI Leach	
880-13981-7	BH-1 (10')	Soluble	Solid	DI Leach	
880-13981-8	BH-1 (15')	Soluble	Solid	DI Leach	
MB 880-24068/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-24068/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-24068/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-13981-1 MS	BH-1 (0-1')	Soluble	Solid	DI Leach	
880-13981-1 MSD	BH-1 (0-1')	Soluble	Solid	DI Leach	

Leach Batch: 24078

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13981-9	BH-1 (16')	Soluble	Solid	DI Leach	
880-13981-10	BH-1 (17')	Soluble	Solid	DI Leach	
880-13981-11	BH-1 (18')	Soluble	Solid	DI Leach	
880-13981-12	BH-1 (19')	Soluble	Solid	DI Leach	
880-13981-13	BH-1 (20')	Soluble	Solid	DI Leach	
880-13981-14	BH-1 (25')	Soluble	Solid	DI Leach	
880-13981-15	BH-1 (30')	Soluble	Solid	DI Leach	
880-13981-16	BH-1 (35')	Soluble	Solid	DI Leach	
880-13981-17	BH-1 (40')	Soluble	Solid	DI Leach	
880-13981-18	BH-1 (45')	Soluble	Solid	DI Leach	
880-13981-19	BH-1 (50')	Soluble	Solid	DI Leach	
880-13981-20	BH-2 (0-1')	Soluble	Solid	DI Leach	
880-13981-21	BH-2 (2')	Soluble	Solid	DI Leach	
880-13981-22	BH-2 (3')	Soluble	Solid	DI Leach	
880-13981-23	BH-2 (4')	Soluble	Solid	DI Leach	
880-13981-24	BH-2 (5')	Soluble	Solid	DI Leach	
880-13981-25	BH-2 (7')	Soluble	Solid	DI Leach	
880-13981-26	BH-2 (10')	Soluble	Solid	DI Leach	
880-13981-27	BH-2 (15')	Soluble	Solid	DI Leach	
880-13981-28	BH-2 (16')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Leach Batch: 24078 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-24078/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-24078/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-24078/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-13981-9 MS	BH-1 (16')	Soluble	Solid	DI Leach	
880-13981-9 MSD	BH-1 (16')	Soluble	Solid	DI Leach	
880-13981-19 MS	BH-1 (50')	Soluble	Solid	DI Leach	
880-13981-19 MSD	BH-1 (50')	Soluble	Solid	DI Leach	

Leach Batch: 24079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13981-29	BH-2 (17')	Soluble	Solid	DI Leach	
880-13981-30	BH-2 (18')	Soluble	Solid	DI Leach	
880-13981-31	BH-2 (19')	Soluble	Solid	DI Leach	
880-13981-32	BH-2 (20')	Soluble	Solid	DI Leach	
880-13981-33	BH-2 (25')	Soluble	Solid	DI Leach	
880-13981-34	BH-2 (30')	Soluble	Solid	DI Leach	
880-13981-35	BH-2 (35')	Soluble	Solid	DI Leach	
880-13981-36	BH-2 (40')	Soluble	Solid	DI Leach	
880-13981-37	BH-2 (45')	Soluble	Solid	DI Leach	
880-13981-38	BH-2 (50')	Soluble	Solid	DI Leach	
MB 880-24079/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-24079/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-24079/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-13981-29 MS	BH-2 (17')	Soluble	Solid	DI Leach	
880-13981-29 MSD	BH-2 (17')	Soluble	Solid	DI Leach	

Analysis Batch: 24258

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13981-1	BH-1 (0-1')	Soluble	Solid	300.0	24068
880-13981-2	BH-1 (2')	Soluble	Solid	300.0	24068
880-13981-3	BH-1 (3')	Soluble	Solid	300.0	24068
880-13981-4	BH-1 (4')	Soluble	Solid	300.0	24068
880-13981-5	BH-1 (5')	Soluble	Solid	300.0	24068
880-13981-6	BH-1 (7')	Soluble	Solid	300.0	24068
880-13981-7	BH-1 (10')	Soluble	Solid	300.0	24068
880-13981-8	BH-1 (15')	Soluble	Solid	300.0	24068
MB 880-24068/1-A	Method Blank	Soluble	Solid	300.0	24068
LCS 880-24068/2-A	Lab Control Sample	Soluble	Solid	300.0	24068
LCSD 880-24068/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	24068
880-13981-1 MS	BH-1 (0-1')	Soluble	Solid	300.0	24068
880-13981-1 MSD	BH-1 (0-1')	Soluble	Solid	300.0	24068

Analysis Batch: 24260

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13981-9	BH-1 (16')	Soluble	Solid	300.0	24078
880-13981-10	BH-1 (17')	Soluble	Solid	300.0	24078
880-13981-11	BH-1 (18')	Soluble	Solid	300.0	24078
880-13981-12	BH-1 (19')	Soluble	Solid	300.0	24078
880-13981-13	BH-1 (20')	Soluble	Solid	300.0	24078
880-13981-14	BH-1 (25')	Soluble	Solid	300.0	24078
880-13981-15	BH-1 (30')	Soluble	Solid	300.0	24078

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Analysis Batch: 24260 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13981-16	BH-1 (35')	Soluble	Solid	300.0	24078
880-13981-17	BH-1 (40')	Soluble	Solid	300.0	24078
880-13981-18	BH-1 (45')	Soluble	Solid	300.0	24078
880-13981-19	BH-1 (50')	Soluble	Solid	300.0	24078
880-13981-20	BH-2 (0-1')	Soluble	Solid	300.0	24078
880-13981-21	BH-2 (2')	Soluble	Solid	300.0	24078
880-13981-22	BH-2 (3')	Soluble	Solid	300.0	24078
880-13981-23	BH-2 (4')	Soluble	Solid	300.0	24078
880-13981-24	BH-2 (5')	Soluble	Solid	300.0	24078
880-13981-25	BH-2 (7')	Soluble	Solid	300.0	24078
880-13981-26	BH-2 (10')	Soluble	Solid	300.0	24078
880-13981-27	BH-2 (15')	Soluble	Solid	300.0	24078
880-13981-28	BH-2 (16')	Soluble	Solid	300.0	24078
MB 880-24078/1-A	Method Blank	Soluble	Solid	300.0	24078
LCS 880-24078/2-A	Lab Control Sample	Soluble	Solid	300.0	24078
LCSD 880-24078/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	24078
880-13981-9 MS	BH-1 (16')	Soluble	Solid	300.0	24078
880-13981-9 MSD	BH-1 (16')	Soluble	Solid	300.0	24078
880-13981-19 MS	BH-1 (50')	Soluble	Solid	300.0	24078
880-13981-19 MSD	BH-1 (50')	Soluble	Solid	300.0	24078

Analysis Batch: 24272

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13981-29	BH-2 (17')	Soluble	Solid	300.0	24079
880-13981-30	BH-2 (18')	Soluble	Solid	300.0	24079
880-13981-31	BH-2 (19')	Soluble	Solid	300.0	24079
880-13981-32	BH-2 (20')	Soluble	Solid	300.0	24079
880-13981-33	BH-2 (25')	Soluble	Solid	300.0	24079
880-13981-34	BH-2 (30')	Soluble	Solid	300.0	24079
880-13981-35	BH-2 (35')	Soluble	Solid	300.0	24079
880-13981-36	BH-2 (40')	Soluble	Solid	300.0	24079
880-13981-37	BH-2 (45')	Soluble	Solid	300.0	24079
880-13981-38	BH-2 (50')	Soluble	Solid	300.0	24079
MB 880-24079/1-A	Method Blank	Soluble	Solid	300.0	24079
LCS 880-24079/2-A	Lab Control Sample	Soluble	Solid	300.0	24079
LCSD 880-24079/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	24079
880-13981-29 MS	BH-2 (17')	Soluble	Solid	300.0	24079
880-13981-29 MSD	BH-2 (17')	Soluble	Solid	300.0	24079

Lab Chronicle

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

Client Sample ID: BH-1 (0-1')

Lab Sample ID: 880-13981-1

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	24098	04/23/22 12:22	MR	XEN MID
Total/NA	Analysis	8021B		1			23985	04/24/22 00:33	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			24183	04/25/22 12:28	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24133	04/25/22 09:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	24047	04/22/22 13:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24105	04/24/22 13:36	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	24068	04/22/22 16:35	SC	XEN MID
Soluble	Analysis	300.0		1			24258	04/26/22 19:54	CH	XEN MID

Client Sample ID: BH-1 (2')

Lab Sample ID: 880-13981-2

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	24098	04/23/22 12:22	MR	XEN MID
Total/NA	Analysis	8021B		1			23985	04/24/22 00:54	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			24183	04/25/22 12:28	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24133	04/25/22 09:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	24047	04/22/22 13:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24105	04/24/22 13:56	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	24068	04/22/22 16:35	SC	XEN MID
Soluble	Analysis	300.0		1			24258	04/26/22 20:21	CH	XEN MID

Client Sample ID: BH-1 (3')

Lab Sample ID: 880-13981-3

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	24098	04/23/22 12:22	MR	XEN MID
Total/NA	Analysis	8021B		1			23985	04/24/22 02:35	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			24183	04/25/22 12:28	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24133	04/25/22 09:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24047	04/22/22 13:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24105	04/24/22 14:17	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	24068	04/22/22 16:35	SC	XEN MID
Soluble	Analysis	300.0		1			24258	04/26/22 20:29	CH	XEN MID

Client Sample ID: BH-1 (4')

Lab Sample ID: 880-13981-4

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	24111	04/24/22 22:21	MR	XEN MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	24110	04/25/22 11:40	MR	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

Client Sample ID: BH-1 (4')

Lab Sample ID: 880-13981-4

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	24098	04/23/22 12:22	MR	XEN MID
Total/NA	Analysis	8021B		1			23985	04/24/22 02:56	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			24183	04/25/22 12:28	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24133	04/25/22 09:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	24047	04/22/22 13:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24105	04/24/22 14:37	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	24068	04/22/22 16:35	SC	XEN MID
Soluble	Analysis	300.0		1			24258	04/26/22 20:38	CH	XEN MID

Client Sample ID: BH-1 (5')

Lab Sample ID: 880-13981-5

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	24111	04/24/22 22:21	MR	XEN MID
Total/NA	Analysis	8021B		200	5 mL	5 mL	24110	04/25/22 12:00	MR	XEN MID
Total/NA	Prep	5035			5.02 g	5 mL	24098	04/23/22 12:22	MR	XEN MID
Total/NA	Analysis	8021B		1			23985	04/24/22 03:16	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			24183	04/25/22 12:28	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24133	04/25/22 09:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24047	04/22/22 13:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24105	04/24/22 14:58	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	24068	04/22/22 16:35	SC	XEN MID
Soluble	Analysis	300.0		1			24258	04/26/22 20:47	CH	XEN MID

Client Sample ID: BH-1 (7')

Lab Sample ID: 880-13981-6

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	24111	04/24/22 22:21	MR	XEN MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	24110	04/25/22 12:20	MR	XEN MID
Total/NA	Prep	5035			5.01 g	5 mL	24098	04/23/22 12:22	MR	XEN MID
Total/NA	Analysis	8021B		1			23985	04/24/22 03:37	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			24183	04/25/22 12:28	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24133	04/25/22 09:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24047	04/22/22 13:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24105	04/24/22 12:34	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	24068	04/22/22 16:35	SC	XEN MID
Soluble	Analysis	300.0		1			24258	04/26/22 21:14	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

Client Sample ID: BH-1 (10')

Lab Sample ID: 880-13981-7

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	24111	04/24/22 22:21	MR	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	24110	04/25/22 12:41	MR	XEN MID
Total/NA	Prep	5035			4.99 g	5 mL	24098	04/23/22 12:22	MR	XEN MID
Total/NA	Analysis	8021B		1			23985	04/24/22 03:57	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			24183	04/25/22 12:28	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24133	04/25/22 09:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	24047	04/22/22 13:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24105	04/24/22 15:19	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	24068	04/22/22 16:35	SC	XEN MID
Soluble	Analysis	300.0		1			24258	04/26/22 21:22	CH	XEN MID

Client Sample ID: BH-1 (15')

Lab Sample ID: 880-13981-8

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	24098	04/23/22 12:22	MR	XEN MID
Total/NA	Analysis	8021B		1			23985	04/24/22 04:17	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			24183	04/25/22 12:28	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24133	04/25/22 09:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24047	04/22/22 13:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24105	04/24/22 15:39	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	24068	04/22/22 16:35	SC	XEN MID
Soluble	Analysis	300.0		1			24258	04/26/22 21:31	CH	XEN MID

Client Sample ID: BH-1 (16')

Lab Sample ID: 880-13981-9

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	24098	04/23/22 12:22	MR	XEN MID
Total/NA	Analysis	8021B		1			23985	04/24/22 04:38	AJ	XEN MID
Total/NA	Prep	5035			5.03 g	5 mL	24101	04/25/22 17:00	MR	XEN MID
Total/NA	Analysis	8021B		1			24221	04/27/22 03:47	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24183	04/25/22 12:28	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24133	04/25/22 09:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	24047	04/22/22 13:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24105	04/24/22 16:00	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	24078	04/22/22 17:26	SC	XEN MID
Soluble	Analysis	300.0		1			24260	04/27/22 04:18	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

Client Sample ID: BH-1 (17')

Lab Sample ID: 880-13981-10

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	24098	04/23/22 12:22	MR	XEN MID
Total/NA	Analysis	8021B		1			23985	04/24/22 04:58	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			24183	04/25/22 12:28	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24133	04/25/22 09:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	24047	04/22/22 13:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24105	04/24/22 16:20	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	24078	04/22/22 17:26	SC	XEN MID
Soluble	Analysis	300.0		1			24260	04/27/22 04:37	CH	XEN MID

Client Sample ID: BH-1 (18')

Lab Sample ID: 880-13981-11

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	24098	04/23/22 12:22	MR	XEN MID
Total/NA	Analysis	8021B		1			23985	04/24/22 05:19	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			24183	04/25/22 12:28	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24133	04/25/22 09:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24047	04/22/22 13:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24105	04/24/22 17:02	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	24078	04/22/22 17:26	SC	XEN MID
Soluble	Analysis	300.0		1			24260	04/27/22 04:44	CH	XEN MID

Client Sample ID: BH-1 (19')

Lab Sample ID: 880-13981-12

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	24098	04/23/22 12:22	MR	XEN MID
Total/NA	Analysis	8021B		1			23985	04/24/22 05:39	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			24183	04/25/22 12:28	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24133	04/25/22 09:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	24047	04/22/22 13:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24105	04/24/22 17:23	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	24078	04/22/22 17:26	SC	XEN MID
Soluble	Analysis	300.0		1			24260	04/27/22 04:50	CH	XEN MID

Client Sample ID: BH-1 (20')

Lab Sample ID: 880-13981-13

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	24099	04/23/22 12:31	MR	XEN MID
Total/NA	Analysis	8021B		10	5 mL	5 mL	24304	04/27/22 15:48	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24183	04/25/22 12:28	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

Client Sample ID: BH-1 (20')

Lab Sample ID: 880-13981-13

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			24133	04/25/22 09:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	24047	04/22/22 13:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24105	04/24/22 17:43	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	24078	04/22/22 17:26	SC	XEN MID
Soluble	Analysis	300.0		1			24260	04/27/22 04:56	CH	XEN MID

Client Sample ID: BH-1 (25')

Lab Sample ID: 880-13981-14

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	24099	04/23/22 12:31	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	24304	04/27/22 14:46	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24183	04/25/22 12:28	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24133	04/25/22 09:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24047	04/22/22 13:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24105	04/24/22 18:04	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	24078	04/22/22 17:26	SC	XEN MID
Soluble	Analysis	300.0		1			24260	04/27/22 05:15	CH	XEN MID

Client Sample ID: BH-1 (30')

Lab Sample ID: 880-13981-15

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	24099	04/23/22 12:31	MR	XEN MID
Total/NA	Analysis	8021B		10	5 mL	5 mL	24304	04/27/22 16:08	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24183	04/25/22 12:28	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24133	04/25/22 09:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24047	04/22/22 13:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24105	04/24/22 18:24	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	24078	04/22/22 17:26	SC	XEN MID
Soluble	Analysis	300.0		1			24260	04/27/22 05:22	CH	XEN MID

Client Sample ID: BH-1 (35')

Lab Sample ID: 880-13981-16

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	24099	04/23/22 12:31	MR	XEN MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	24304	04/27/22 16:28	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24183	04/25/22 12:28	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24133	04/25/22 09:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24047	04/22/22 13:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24105	04/24/22 18:45	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

Client Sample ID: BH-1 (35')

Lab Sample ID: 880-13981-16

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	24078	04/22/22 17:26	SC	XEN MID
Soluble	Analysis	300.0		1			24260	04/27/22 05:28	CH	XEN MID

Client Sample ID: BH-1 (40')

Lab Sample ID: 880-13981-17

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	24099	04/23/22 12:31	MR	XEN MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	24304	04/27/22 16:49	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24183	04/25/22 12:28	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24133	04/25/22 09:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	24047	04/22/22 13:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24105	04/24/22 19:05	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	24078	04/22/22 17:26	SC	XEN MID
Soluble	Analysis	300.0		1			24260	04/27/22 05:34	CH	XEN MID

Client Sample ID: BH-1 (45')

Lab Sample ID: 880-13981-18

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	24099	04/23/22 12:31	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	24304	04/27/22 15:07	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24183	04/25/22 12:28	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24133	04/25/22 09:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	24047	04/22/22 13:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24105	04/24/22 19:26	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	24078	04/22/22 17:26	SC	XEN MID
Soluble	Analysis	300.0		1			24260	04/27/22 05:41	CH	XEN MID

Client Sample ID: BH-1 (50')

Lab Sample ID: 880-13981-19

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	24099	04/23/22 12:31	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	24304	04/27/22 15:27	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24183	04/25/22 12:28	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24133	04/25/22 09:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	24047	04/22/22 13:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24105	04/24/22 19:46	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	24078	04/22/22 17:26	SC	XEN MID
Soluble	Analysis	300.0		1			24260	04/27/22 05:47	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

Client Sample ID: BH-2 (0-1')

Lab Sample ID: 880-13981-20

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	24099	04/23/22 12:31	MR	XEN MID
Total/NA	Analysis	8021B		25	5 mL	5 mL	24304	04/27/22 17:09	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24183	04/25/22 12:28	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24133	04/25/22 09:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24047	04/22/22 13:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24105	04/24/22 20:07	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	24078	04/22/22 17:26	SC	XEN MID
Soluble	Analysis	300.0		1			24260	04/27/22 06:06	CH	XEN MID

Client Sample ID: BH-2 (2')

Lab Sample ID: 880-13981-21

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	24099	04/23/22 12:31	MR	XEN MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	24304	04/27/22 17:30	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24183	04/25/22 12:28	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24133	04/25/22 09:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	24048	04/22/22 13:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24105	04/24/22 21:49	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	24078	04/22/22 17:26	SC	XEN MID
Soluble	Analysis	300.0		1			24260	04/27/22 06:12	CH	XEN MID

Client Sample ID: BH-2 (3')

Lab Sample ID: 880-13981-22

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	24099	04/23/22 12:31	MR	XEN MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	24304	04/27/22 17:50	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24183	04/25/22 12:28	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24133	04/25/22 09:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	24048	04/22/22 13:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24105	04/24/22 22:51	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	24078	04/22/22 17:26	SC	XEN MID
Soluble	Analysis	300.0		1			24260	04/27/22 06:31	CH	XEN MID

Client Sample ID: BH-2 (4')

Lab Sample ID: 880-13981-23

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	24169	04/25/22 11:29	MR	XEN MID
Total/NA	Analysis	8021B		100			24221	04/27/22 14:24	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24183	04/25/22 12:28	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

Client Sample ID: BH-2 (4')

Lab Sample ID: 880-13981-23

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			24133	04/25/22 09:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24048	04/22/22 13:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24105	04/24/22 23:11	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	24078	04/22/22 17:26	SC	XEN MID
Soluble	Analysis	300.0		1			24260	04/27/22 06:37	CH	XEN MID

Client Sample ID: BH-2 (5')

Lab Sample ID: 880-13981-24

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	24169	04/25/22 11:29	MR	XEN MID
Total/NA	Analysis	8021B		100			24221	04/27/22 14:45	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24183	04/25/22 12:28	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24133	04/25/22 09:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	24048	04/22/22 13:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24105	04/24/22 23:31	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	24078	04/22/22 17:26	SC	XEN MID
Soluble	Analysis	300.0		1			24260	04/27/22 06:44	CH	XEN MID

Client Sample ID: BH-2 (7')

Lab Sample ID: 880-13981-25

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	24169	04/25/22 11:29	MR	XEN MID
Total/NA	Analysis	8021B		100			24221	04/27/22 15:26	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24183	04/25/22 12:28	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24133	04/25/22 09:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24048	04/22/22 13:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24105	04/24/22 23:51	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	24078	04/22/22 17:26	SC	XEN MID
Soluble	Analysis	300.0		1			24260	04/27/22 06:50	CH	XEN MID

Client Sample ID: BH-2 (10')

Lab Sample ID: 880-13981-26

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	24169	04/25/22 11:29	MR	XEN MID
Total/NA	Analysis	8021B		100			24221	04/27/22 15:05	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24183	04/25/22 12:28	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24133	04/25/22 09:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24048	04/22/22 13:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24105	04/25/22 00:11	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

Client Sample ID: BH-2 (10')

Lab Sample ID: 880-13981-26

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	24078	04/22/22 17:26	SC	XEN MID
Soluble	Analysis	300.0		1			24260	04/27/22 06:56	CH	XEN MID

Client Sample ID: BH-2 (15')

Lab Sample ID: 880-13981-27

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	24169	04/25/22 11:29	MR	XEN MID
Total/NA	Analysis	8021B		1			24221	04/27/22 09:34	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24183	04/25/22 12:28	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24133	04/25/22 09:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	24048	04/22/22 13:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24105	04/25/22 00:31	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	24078	04/22/22 17:26	SC	XEN MID
Soluble	Analysis	300.0		1			24260	04/27/22 07:03	CH	XEN MID

Client Sample ID: BH-2 (16')

Lab Sample ID: 880-13981-28

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	24169	04/25/22 11:29	MR	XEN MID
Total/NA	Analysis	8021B		1			24221	04/27/22 11:58	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24183	04/25/22 12:28	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24133	04/25/22 09:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24048	04/22/22 13:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24105	04/25/22 00:51	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	24078	04/22/22 17:26	SC	XEN MID
Soluble	Analysis	300.0		1			24260	04/27/22 07:09	CH	XEN MID

Client Sample ID: BH-2 (17')

Lab Sample ID: 880-13981-29

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	24169	04/25/22 11:29	MR	XEN MID
Total/NA	Analysis	8021B		1			24221	04/27/22 09:55	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24183	04/25/22 12:28	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24133	04/25/22 09:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	24048	04/22/22 13:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24105	04/25/22 01:11	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	24079	04/22/22 17:31	SC	XEN MID
Soluble	Analysis	300.0		1			24272	04/27/22 07:59	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

Client Sample ID: BH-2 (18')

Lab Sample ID: 880-13981-30

Date Collected: 04/14/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	24169	04/25/22 11:29	MR	XEN MID
Total/NA	Analysis	8021B		100			24221	04/27/22 13:23	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24183	04/25/22 12:28	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24133	04/25/22 09:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24048	04/22/22 13:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24105	04/25/22 01:32	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	24079	04/22/22 17:31	SC	XEN MID
Soluble	Analysis	300.0		1			24272	04/27/22 08:18	CH	XEN MID

Client Sample ID: BH-2 (19')

Lab Sample ID: 880-13981-31

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	24169	04/25/22 11:29	MR	XEN MID
Total/NA	Analysis	8021B		100			24221	04/27/22 13:43	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24183	04/25/22 12:28	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24133	04/25/22 09:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	24048	04/22/22 13:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24105	04/25/22 02:12	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	24079	04/22/22 17:31	SC	XEN MID
Soluble	Analysis	300.0		1			24272	04/27/22 08:25	CH	XEN MID

Client Sample ID: BH-2 (20')

Lab Sample ID: 880-13981-32

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	24169	04/25/22 11:29	MR	XEN MID
Total/NA	Analysis	8021B		100			24221	04/27/22 14:04	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24183	04/25/22 12:28	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24133	04/25/22 09:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	24048	04/22/22 13:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24105	04/25/22 02:32	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	24079	04/22/22 17:31	SC	XEN MID
Soluble	Analysis	300.0		1			24272	04/27/22 08:31	CH	XEN MID

Client Sample ID: BH-2 (25')

Lab Sample ID: 880-13981-33

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	24129	04/25/22 09:30	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	24203	04/26/22 23:22	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			24183	04/25/22 12:28	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

Client Sample ID: BH-2 (25')

Lab Sample ID: 880-13981-33

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			24133	04/25/22 09:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24048	04/22/22 13:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24105	04/25/22 02:52	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	24079	04/22/22 17:31	SC	XEN MID
Soluble	Analysis	300.0		1			24272	04/27/22 08:37	CH	XEN MID

Client Sample ID: BH-2 (30')

Lab Sample ID: 880-13981-34

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	24129	04/25/22 09:30	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	24203	04/26/22 23:42	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			24183	04/25/22 12:28	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24133	04/25/22 09:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	24048	04/22/22 13:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24105	04/25/22 03:12	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	24079	04/22/22 17:31	SC	XEN MID
Soluble	Analysis	300.0		1			24272	04/27/22 08:56	CH	XEN MID

Client Sample ID: BH-2 (35')

Lab Sample ID: 880-13981-35

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	24129	04/25/22 09:30	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	24203	04/27/22 00:03	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			24183	04/25/22 12:28	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24133	04/25/22 09:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	24048	04/22/22 13:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24105	04/25/22 03:32	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	24079	04/22/22 17:31	SC	XEN MID
Soluble	Analysis	300.0		1			24272	04/27/22 09:03	CH	XEN MID

Client Sample ID: BH-2 (40')

Lab Sample ID: 880-13981-36

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	24129	04/25/22 09:30	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	24203	04/27/22 00:23	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			24183	04/25/22 12:28	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24133	04/25/22 09:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	24048	04/22/22 13:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24105	04/25/22 03:52	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

Client Sample ID: BH-2 (40')

Lab Sample ID: 880-13981-36

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	24079	04/22/22 17:31	SC	XEN MID
Soluble	Analysis	300.0		1			24272	04/27/22 09:09	CH	XEN MID

Client Sample ID: BH-2 (45')

Lab Sample ID: 880-13981-37

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	24129	04/25/22 09:30	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	24203	04/27/22 00:43	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			24183	04/25/22 12:28	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24133	04/25/22 09:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24048	04/22/22 13:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24105	04/25/22 04:13	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	24079	04/22/22 17:31	SC	XEN MID
Soluble	Analysis	300.0		1			24272	04/27/22 09:15	CH	XEN MID

Client Sample ID: BH-2 (50')

Lab Sample ID: 880-13981-38

Date Collected: 04/21/22 00:00

Matrix: Solid

Date Received: 04/22/22 11:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	24129	04/25/22 09:30	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	24203	04/27/22 01:04	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			24183	04/25/22 12:28	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24133	04/25/22 09:50	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	24048	04/22/22 13:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24105	04/25/22 04:33	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	24079	04/22/22 17:31	SC	XEN MID
Soluble	Analysis	300.0		1			24272	04/27/22 09:22	CH	XEN MID

Laboratory References:

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

Eurofins Midland

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

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 (GRO)-C6-C10
8015B NM	8015NM Prep	Solid	Oil Range Organics (Over C28-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: Humidor State Unit #2

Job ID: 880-13981-1
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: Humidor State Unit #2

Job ID: 880-13981-1
SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-13981-1	BH-1 (0-1')	Solid	04/14/22 00:00	04/22/22 11:06
880-13981-2	BH-1 (2')	Solid	04/14/22 00:00	04/22/22 11:06
880-13981-3	BH-1 (3')	Solid	04/14/22 00:00	04/22/22 11:06
880-13981-4	BH-1 (4')	Solid	04/14/22 00:00	04/22/22 11:06
880-13981-5	BH-1 (5')	Solid	04/14/22 00:00	04/22/22 11:06
880-13981-6	BH-1 (7')	Solid	04/14/22 00:00	04/22/22 11:06
880-13981-7	BH-1 (10')	Solid	04/14/22 00:00	04/22/22 11:06
880-13981-8	BH-1 (15')	Solid	04/14/22 00:00	04/22/22 11:06
880-13981-9	BH-1 (16')	Solid	04/14/22 00:00	04/22/22 11:06
880-13981-10	BH-1 (17')	Solid	04/21/22 00:00	04/22/22 11:06
880-13981-11	BH-1 (18')	Solid	04/21/22 00:00	04/22/22 11:06
880-13981-12	BH-1 (19')	Solid	04/21/22 00:00	04/22/22 11:06
880-13981-13	BH-1 (20')	Solid	04/21/22 00:00	04/22/22 11:06
880-13981-14	BH-1 (25')	Solid	04/21/22 00:00	04/22/22 11:06
880-13981-15	BH-1 (30')	Solid	04/21/22 00:00	04/22/22 11:06
880-13981-16	BH-1 (35')	Solid	04/21/22 00:00	04/22/22 11:06
880-13981-17	BH-1 (40')	Solid	04/21/22 00:00	04/22/22 11:06
880-13981-18	BH-1 (45')	Solid	04/21/22 00:00	04/22/22 11:06
880-13981-19	BH-1 (50')	Solid	04/21/22 00:00	04/22/22 11:06
880-13981-20	BH-2 (0-1')	Solid	04/14/22 00:00	04/22/22 11:06
880-13981-21	BH-2 (2')	Solid	04/14/22 00:00	04/22/22 11:06
880-13981-22	BH-2 (3')	Solid	04/14/22 00:00	04/22/22 11:06
880-13981-23	BH-2 (4')	Solid	04/14/22 00:00	04/22/22 11:06
880-13981-24	BH-2 (5')	Solid	04/14/22 00:00	04/22/22 11:06
880-13981-25	BH-2 (7')	Solid	04/14/22 00:00	04/22/22 11:06
880-13981-26	BH-2 (10')	Solid	04/14/22 00:00	04/22/22 11:06
880-13981-27	BH-2 (15')	Solid	04/14/22 00:00	04/22/22 11:06
880-13981-28	BH-2 (16')	Solid	04/14/22 00:00	04/22/22 11:06
880-13981-29	BH-2 (17')	Solid	04/21/22 00:00	04/22/22 11:06
880-13981-30	BH-2 (18')	Solid	04/14/22 00:00	04/22/22 11:06
880-13981-31	BH-2 (19')	Solid	04/21/22 00:00	04/22/22 11:06
880-13981-32	BH-2 (20')	Solid	04/21/22 00:00	04/22/22 11:06
880-13981-33	BH-2 (25')	Solid	04/21/22 00:00	04/22/22 11:06
880-13981-34	BH-2 (30')	Solid	04/21/22 00:00	04/22/22 11:06
880-13981-35	BH-2 (35')	Solid	04/21/22 00:00	04/22/22 11:06
880-13981-36	BH-2 (40')	Solid	04/21/22 00:00	04/22/22 11:06
880-13981-37	BH-2 (45')	Solid	04/21/22 00:00	04/22/22 11:06
880-13981-38	BH-2 (50')	Solid	04/21/22 00:00	04/22/22 11:06

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Work Order No: 13981

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Project Manager	Conner Moehring	Bill to (if different)	Todd Wells
Company Name	Carmona Resources	Company Name	EOG Resources
Address	310 W Wall St Ste 415	Address	5509 Champions Drive
City, State Zip	Midland TX 79701	City, State Zip	Midland TX, 79706
Phone	432-813-6823	Email	Todd_wells@eogresources.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Inertland
State of Project:	
Reporting Level II	<input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV
Deliverables EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other

Project Name	Humidor State Unit #2	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Due Date	72 Hrs	Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number	1017																None NO	DI Water H ₂ O		
Project Location	Eddy Co. NM																Cool Cool	MeOH Me		
Sampler's Name	CCM																HCL HC	HNO ₃ HN		
PO #																	H ₂ SO ₄ H ₂	NaOH Na		
SAMPLE RECEIPT	Temp Blank	Yes	No	Yes	No	Yes	No										H ₃ PO ₄ HP			
Received intact	Yes	No		Thermometer ID													NaHSO ₄ NABIS			
Cooler Custody Seals	Yes	No		Correction Factor													Na ₂ S ₂ O ₃ NaSO ₃			
Sample Custody Seals	Yes	No		Temperature Reading													Zn Acetate+NaOH Zn			
Total Containers				Corrected Temperature													NaOH+Ascorbic Acid SAPC			
Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont													Sample Comments	
BH-1 (0-1')	4/14/2022		X		Grab/	1	X	X	X	X										
BH-1 (2)	4/14/2022		X		Grab/	1	X	X	X	X										
BH-1 (3)	4/14/2022		X		Grab/	1	X	X	X	X										
BH-1 (4)	4/14/2022		X		Grab/	1	X	X	X	X										
BH-1 (5)	4/14/2022		X		Grab/	1	X	X	X	X										
BH-1 (7)	4/14/2022		X		Grab/	1	X	X	X	X										
BH-1 (10)	4/14/2022		X		Grab/	1	X	X	X	X										
BH-1 (15)	4/14/2022		X		Grab/	1	X	X	X	X										
BH-1 (16)	4/14/2022		X		Grab/	1	X	X	X	X										



880-13981 Chain of Custody

Comments:

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
<i>[Signature]</i>	4/22/22 11:06	<i>[Signature]</i>	

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Project Manager	Conner Moehring	Bill to (if different)	Todd Wells
Company Name	Carmona Resources	Company Name	EOG Resources
Address	310 W Wall St Ste 415	Address	5509 Champions Drive
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland TX 79706
Phone	432-813-6823	Email	Todd_wells@eogresources.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Partund
State of Project:	
Reporting Level II	<input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other

Work Order No: 13981

Page 2 of 4

Project Name		Humidor State Unit #2		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number	1017	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush	Due Date	72 Hrs														None NO	DI Water- H ₂ O	
Project Location	Eddy Co, NM																		Cool Cool	MeOH Me	
Sampler's Name	CCM																		HCL HC	HNO ₃ HN	
PO #																		H ₂ SO ₄ H ₂	NaOH Na		
SAMPLE RECEIPT			Temp Blank.	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>	Wet Ice	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>													H ₃ PO ₄ HP		
Received Intact.			Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>	Thermometer ID																NaHSO ₄ NABIS	
Cooler Custody Seals.			Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>	Correction Factor																Na ₂ S ₂ O ₃ NaSO ₃	
Sample Custody Seals			Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>	Temperature Reading																Zn Acetate+NaOH Zn	
Total Containers.			Corrected Temperature			11															NaOH+Ascorbic Acid SAPC
Sample Identification		Date	Time	Soil	Water	Grab/ Comp	# of Cont													Sample Comments	
BH-1 (17)		4/21/2022		X		Grab/	1	X	X	X											
BH-1 (18)		4/21/2022		X		Grab/	1	X	X	X											
BH-1 (19)		4/21/2022		X		Grab/	1	X	X	X											
BH-1 (20)		4/21/2022		X		Grab/	1	X	X	X											
BH-1 (25)		4/21/2022		X		Grab/	1	X	X	X											
BH-1 (30)		4/21/2022		X		Grab/	1	X	X	X											
BH-1 (35)		4/21/2022		X		Grab/	1	X	X	X											
BH-1 (40)		4/21/2022		X		Grab/	1	X	X	X											
BH-1 (45)		4/21/2022		X		Grab/	1	X	X	X											
BH-1 (50)		4/21/2022		X		Grab/	1	X	X	X											

Comments:

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
<i>Carmona</i>	4/21/22 11:00	<i>[Signature]</i>	

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Work Order No: 13981

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Project Manager	Conner Moehring	Bill to (if different)	Todd Wells
Company Name	Carmona Resources	Company Name	EOG Resources
Address	310 W Wall St Ste 415	Address	5509 Champions Drive
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland TX, 79706
Phone	432-813-6823	Email	Todd_wells@eogresources.com

Work Order Comments	
Program: UST/ST	PRP Brownfields JRC Inertfund
State of Project:	Reporting Level II Level III ST/UST RRP Level IV
Deliverables EDD	ADAPT Other

Project Name	Humidor State Unit #2	Turn Around	Prat. Code	ANALYSIS REQUEST												Preservative Codes				
Project Number	1017	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush														None NO	DI Water H ₂ O			
Project Location	Eddy Co, NM	Due Date	72 Hrs													Cool Cool	MeOH Me			
Sampler's Name	CCM															HCL HC	HNO ₃ HN			
PO #																H ₂ SO ₄ H ₂	NaOH Na			
SAMPLE RECEIPT		Temp Blank	Yes No	Wet Ice	Yes No													H ₃ PO ₄ HP		
Received In tact:	Yes No	Thermometer ID																NaHSO ₄ NABIS		
Cooler Custody Seals	Yes No	Correction Factor																Na ₂ S ₂ O ₃ NaSO ₃		
Sample Custody Seals	Yes No	Temperature Reading																Zn Acetate+NaOH Zn		
Total Containers		Corrected Temperature																NaOH+Ascorbic Acid SAPC		
Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont													Sample Comments	
BH-2 (0-1')	4/14/2022		X		Grab/	1	X	X	X											
BH-2 (2')	4/14/2022		X		Grab/	1	X	X	X											
BH-2 (3')	4/14/2022		X		Grab/	1	X	X	X											
BH-2 (4')	4/14/2022		X		Grab/	1	X	X	X											
BH-2 (5')	4/14/2022		X		Grab/	1	X	X	X											
BH-2 (7')	4/14/2022		X		Grab/	1	X	X	X											
BH-2 (10')	4/14/2022		X		Grab/	1	X	X	X											
BH-2 (15')	4/14/2022		X		Grab/	1	X	X	X											
BH-2 (16')	4/14/2022		X		Grab/	1	X	X	X											

Comments:

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
<i>Unika Conner</i>	4/22/22 11:06	<i>Steve P</i>	

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Project Manager	Conner Moehring	Bill to (if different)	Todd Wells
Company Name	Carmora Resources	Company Name	EOG Resources
Address	310 W Wall St Ste 415	Address	5508 Champions Drive
City, State Zip	Midland, TX 79701	City, State Zip	Midland TX, 79706
Phone	432-813-6823	Email	Todd_wells@eogresources.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Superfund
State of Project:	
Reporting Level II	<input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other

Project Name		Humidor State Unit #2		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes					
Project Number	1017	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush	Project Location	Eddy Co, NM		Due Date	72 Hrs													None NO	DI Water- H ₂ O		
Sampler's Name	CCM																			Cool Cool	MeOH Me			
PO #																				HCL, HC	HNO ₃ HN			
SAMPLE RECEIPT	Temp Blank	Yes No	Wet Ice	Yes No														H ₂ SO ₄ H ₂	NaOH Na					
	Received Intact.	Yes No	Thermometer ID	Yes No														H ₃ PO ₄ HP						
	Cooler Custody Seals	Yes No	Correction Factor	Yes No														NaHSO ₄ NABIS						
	Sample Custody Seals	Yes No	Temperature Reading	Yes No														Na ₂ S ₂ O ₃ NaSO ₃						
	Total Containers.		Corrected Temperature	Yes No														Zn Acetate+NaOH Zn						
					1-1													NaOH+Ascorbic Acid SAPC						
Sample Identification					Date	Time	Soil	Water	Grab/ Comp	# of Cont													Sample Comments	
BH-2 (17')					4/21/2022		X		Grab/	1	X	X	X								Loc: 880			
BH-2 (18')					4/21/2022		X		Grab/	1	X	X	X								13981			
BH-2 (19')					4/21/2022		X		Grab/	1	X	X	X											
BH-2 (20')					4/21/2022		X		Grab/	1	X	X	X											
BH-2 (25')					4/21/2022		X		Grab/	1	X	X	X											
BH-2 (30')					4/21/2022		X		Grab/	1	X	X	X											
BH-2 (35')					4/21/2022		X		Grab/	1	X	X	X											
BH-2 (40')					4/21/2022		X		Grab/	1	X	X	X											
BH-2 (45')					4/21/2022		X		Grab/	1	X	X	X											
BH-2 (50')					4/21/2022		X		Grab/	1	X	X	X											

Comments:

Relinquished by (Signature)		Date/Time	Received by (Signature)		Date/Time
		4/24/22 11:00			

Work Order No: 13981

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Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-13981-1

SDG Number: Eddy Co, NM

Login Number: 13981

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

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	

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 126439

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 126439
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Remediation Plan Approved.	7/26/2022