CARMONA RESOURCES

SITE INFORMATION

Closure Report
West Corbin Fed 16 SWD TB
Lea County, New Mexico
Unit H Sec 18 T18S R33E
32.748825°, -103.695486°

Crude Oil Release
Point of Release: Pin Hole in Tank
Release Date: 07/15/22
Volume Released: 20 Barrels of Crude Oil
Volume Recovered: 5 Barrels of Crude Oil

CARMONA RESOURCES

Prepared for:
EOG Resources
5509 Champions Drive
Midland, TX 79706

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

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Midland TX, 79701
432.813.1992

CARMONA RESOURCES

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CARMONA RESOURCES

December 21, 2022

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

Re: Closure Report
West Corbin Fed 16 SWD TB
EOG Resources Inc.
Site Location: Unit H, S18, T18S, R33E
(Lat 32.748825º, Long -103.695486º)
Lea County, New Mexico

To whom it may concern:

On behalf of EOG Resources Inc. (EOG), Carmona Resources, LLC has prepared this letter to document the West Corbin Fed 16 SWD TB site activities. The site is located at 32.748825º, -103.695486º within Unit H, S18, T18S, R33E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on July 15, 2022, due to a pinhole in the tank. It released approximately twenty (20) barrels of crude oil, and approximately five (5) barrels of oil were recovered. The impacted area occurred on the pad and measured approximately 65'x45', shown in Figure 3. The initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water source is within a 0.50-mile radius of the location. The nearest identified well is approximately 1.39 miles Northwest of the site in S08, T18S, R33E and was drilled in 1967. The well has a reported depth to groundwater of 100' feet below the ground surface (ft bgs). A copy of the associated Summary Report is attached in Appendix D.

On August 16, 2019, Scarborough Drilling, Inc was onsite to drill a groundwater determination bore to 60' 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 60' below the surface. The coordinates for the groundwater determination bore are 32.744427, -103.695234. See Appendix D for the driller's log.

3.0 NMAC Regulatory Criteria

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

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.

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

4.0 Site Assessment Activities

Initial Assessment

On July 18, 2022, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of three (3) sample points (S-1 through S-3) and four (4) horizontal sample points (H-1 through H-4) were installed to total depths ranging from surface to 5.0 ft below the surface. Soil samples were collected and submitted to the laboratory for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are includedin Appendix E. The sample locations are shown in Figure 3. Refer to Table 1.

Trenching Activities

On August 4, 2022, Carmona Resources, LLC performed trenching activities to evaluate soil impacts stemming from the release and attempt to delineate vertical. Two (2) trenches (T-1 and T-2) were advanced to depths ranging from the surface to 5’ bgs inside the release area to evaluate the 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.

For further evaluation, EOG removed all tanks and facility equipment, Carmona Resources, LLC performed trenching activities on November 9, 2022, to assess soil impacts underneath the tanks. Three (3) trenches (T-1 through T-3) were installed to depths ranging from the surface to 10’ bgs.

Vertical and horizontal delineation was achieved in all samples. Refer to Table 1 and Table 2.

5.0 Remediation Activities

Carmona Resources personnel were onsite to supervise the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via email on November 15, 2022, per Subsection D of 19.15.29.12 NMAC. See Appendix C. After all hazards and areas were hydro-vacuumed, the excavation was continued, and the impacted soils were removed. A total of ten (10) floor confirmation samples were collected (CS-1 through CS-10), and fourteen (14) sidewall samples (SW-1 through SW-14) were collected every 200 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 4500. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figure 4.

All final confirmation samples were below the regulatory requirements for TPH, BTEX, and chloride except for sidewall sample number four (SW-4), which showed high TPH at 160 mg/kg. Sidewall four was excavated another foot to remove contaminated soil. Refer to Table 3.

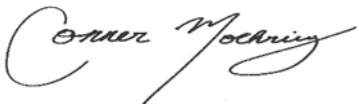
Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 320 cubic yards of material were excavated and transported offsite for proper disposal.

5.0 Conclusions

Based on the assessment results and the analytical data, no further actions are required at the site. If you have any questions regarding this report or need additional information, please get in touch with us at 432-813-1992.

Sincerely,
Carmona Resources, LLC

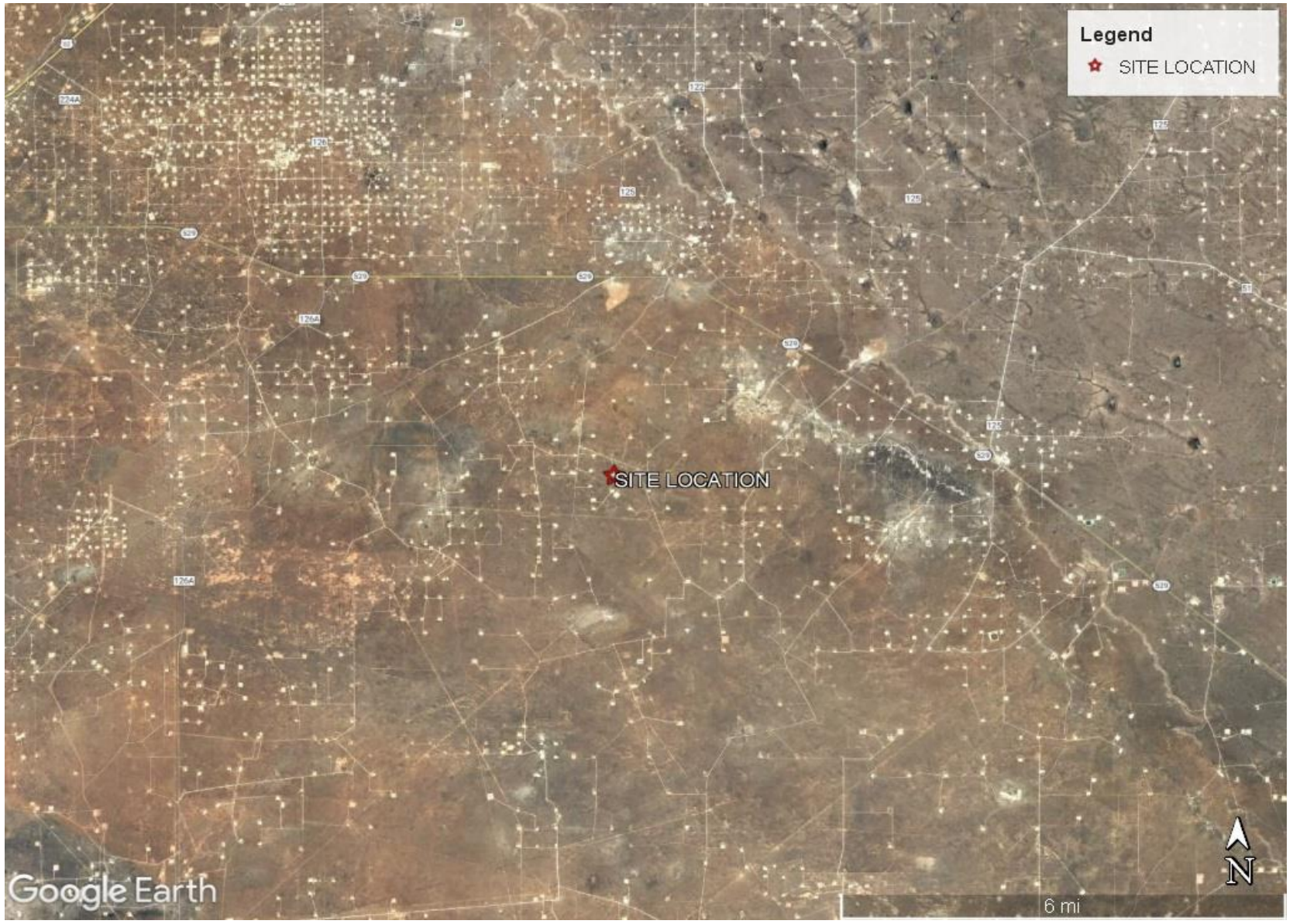
Mike Carmona
Environmental Manager



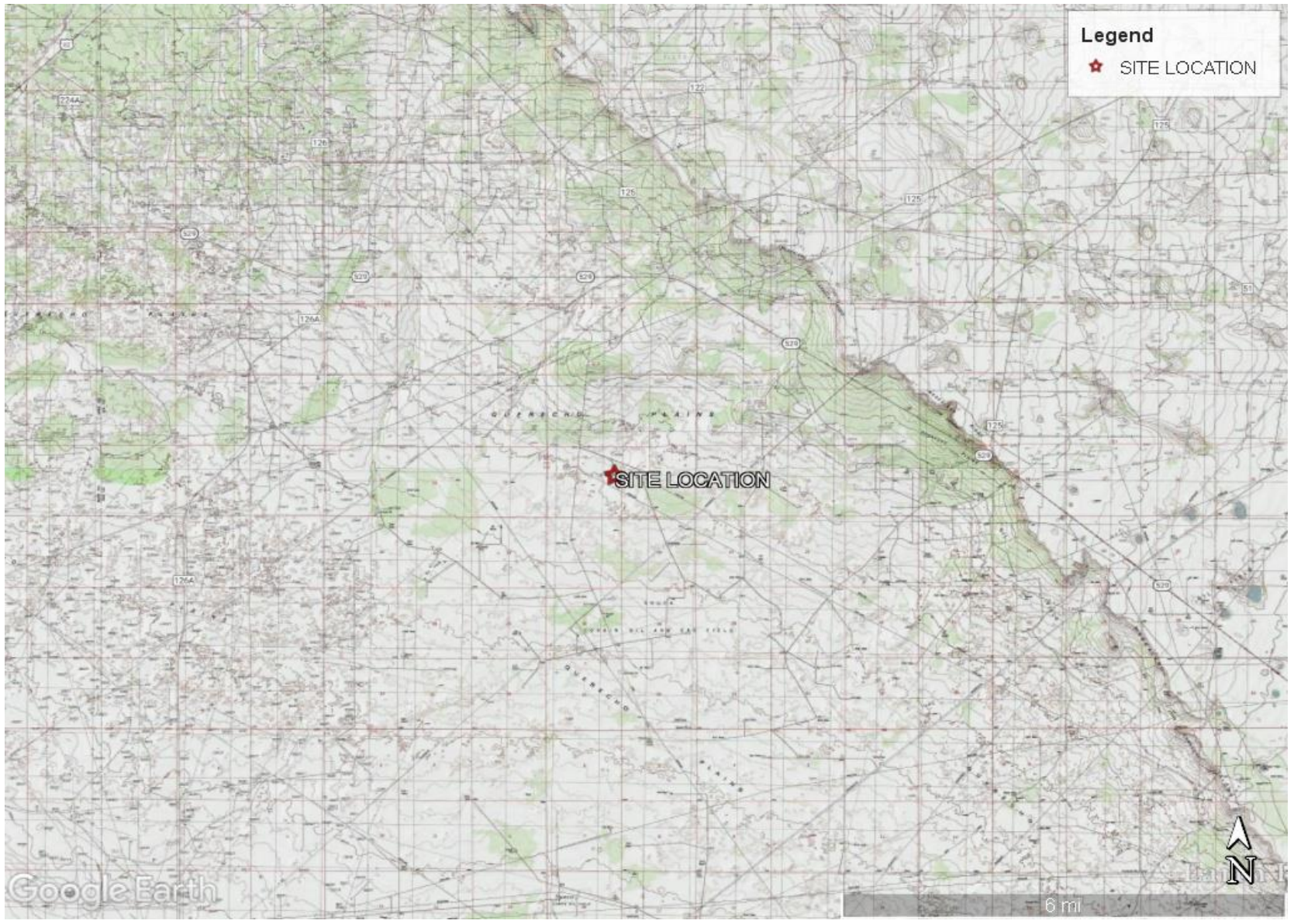
Conner Moehring
Sr. Project Manager

FIGURES

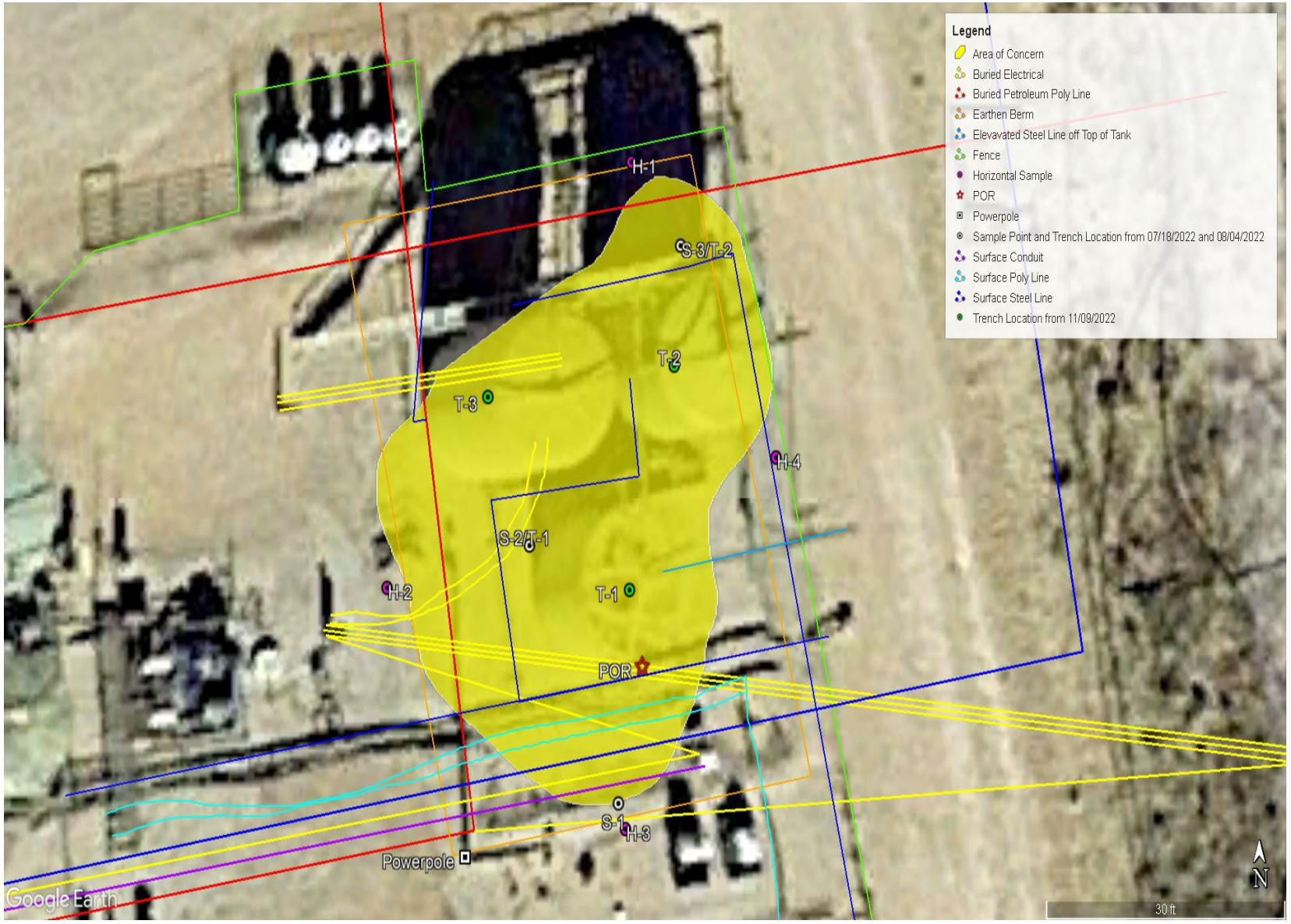
CARMONA RESOURCES



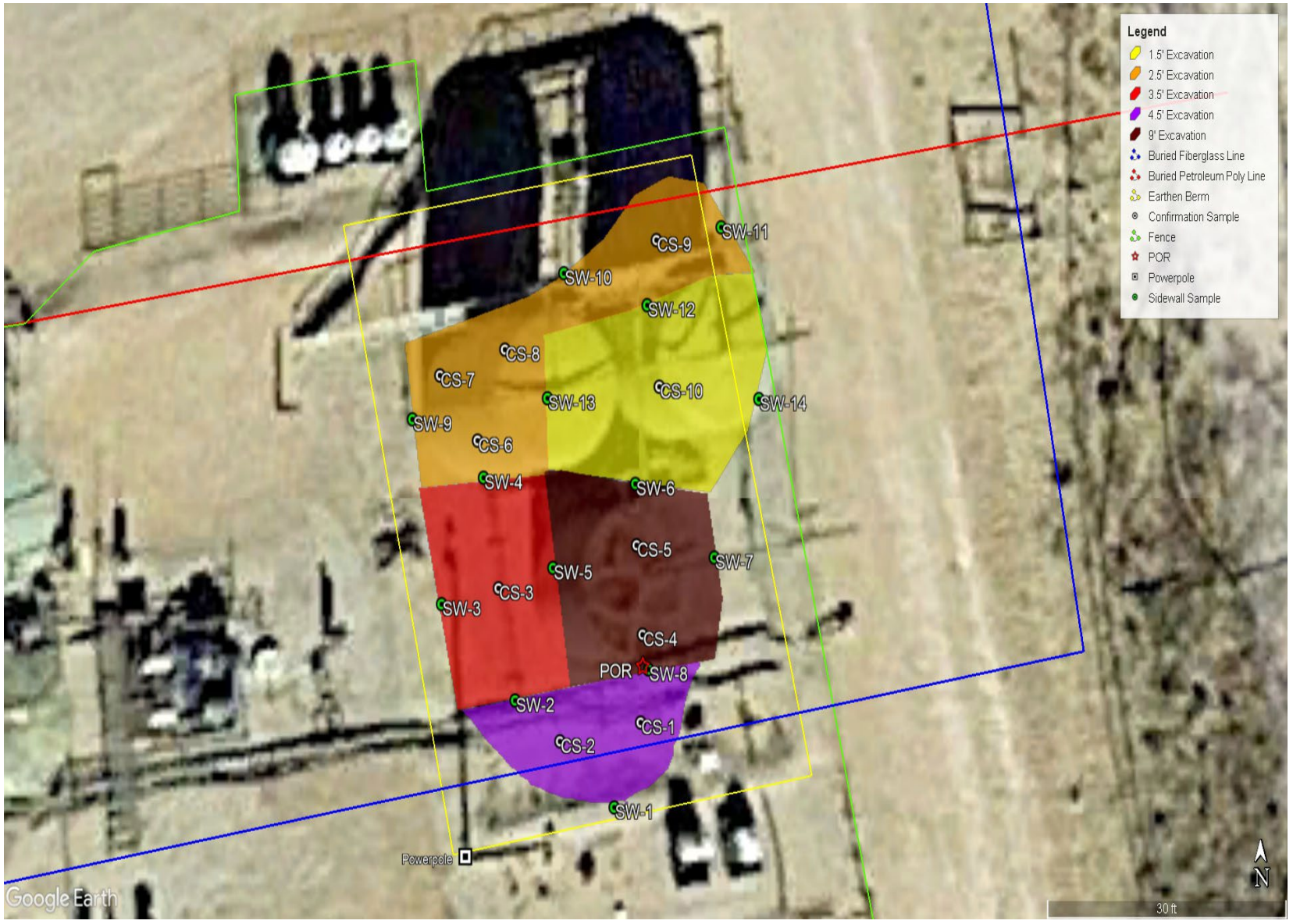
SITE OVERVIEW MAP EOG RESOURCES WEST CORBIN FED 16 SWD TB LEA COUNTY, NEW MEXICO 32.748825, -103.695486	CARMONA RESOURCES	FIGURE 1



TOPOGRAPHIC MAP EOG RESOURCES WEST CORBIN FED 16 SWD TB LEA COUNTY, NEW MEXICO 32.748825, -103.695486	CARMONA RESOURCES	FIGURE 2



SAMPLE LOCATION MAP EOG RESOURCES WEST CORBIN FED 16 SWD TB LEA COUNTY, NEW MEXICO 32.748825, -103.695486	CARMONA RESOURCES	FIGURE 3



EXCAVATION DEPTH MAP EOG RESOURCES WEST CORBIN FED 16 SWD TB LEA COUNTY, NEW MEXICO 32.748825, -103.695486	CARMONA RESOURCES	FIGURE 4

APPENDIX A

CARMONA RESOURCES

Table 1
EOG
West Corbin Fed 16 SWD TB
Lea 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	ORO	Total TPH						
S-1	7/18/2022	0-1	**8,130**	**6,240**	<249	**14,400**	**89.0**	**233**	**156**	**517**	**995**	50.6
	"	1.5	**9870**	**8980**	<250	**18,900**	**60.3**	**290**	**206**	**365**	**921**	49.4
	"	2.0	**8,820**	**6,480**	<250	**15,300**	**58.3**	**292**	**213**	**354**	**917**	50.0
	"	3.0	**14,400**	**9,080**	<249	**23,500**	**110**	**409**	**273**	**424**	**1,220**	97.6
		4.0	**9,740**	**4,970**	<250	**14,700**	**55.8**	**285**	**169**	**244**	**754**	115
	"	5.0	<50.0	53.2	<50.0	53.2	<0.00200	0.00586	0.00570	0.0118	0.0234	189
S-2	7/18/2022	0-1	**7,030**	**8,700**	<250	**15,700**	**85.9**	**464**	**357**	**531**	**1,440**	34.4
	"	1.5	**4,880**	**4,730**	<250	**9,610**	**12.2**	**201**	**152**	**72.6**	**438**	57.8
T-1	8/4/2022	0-1	**2,590**	**21,500**	**5,150**	**29,200**	<0.0992	5.74	28.2	118	**152**	52.7
	"	1.0	**2,790**	**22,000**	**5250**	**30,000**	<0.101	3.06	11.9	50.3	65.3	15.5
	"	2.0	**335**	**742**	**276**	**1,350**	0.0235	1.87	4.17	8.24	14.3	15.9
	"	3.0	**279**	**792**	**201**	**1,270**	0.573	10.4	9.55	16.6	37.1	7.80
		4.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	13.6
	"	5.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	13.3
S-3	7/18/2022	0-1	**6,920**	**4,120**	<250	**11,000**	**18.5**	**202**	**219**	**349**	**789**	17.9
	"	1.5	**304**	**582**	85.4	**971**	2.62	33.6	30.2	**53.4**	**120**	24.7
T-2	8/4/2022	0-1	**2,570**	**21,700**	**5,130**	**29,400**	<0.0998	2.36	11.1	49.7	63.2	56.7
	"	1.0	**2,880**	**21,300**	**4,720**	**28,900**	<0.100	4.38	17.8	89.3	111	59.5
	"	2.0	<49.9	**106**	<49.9	**106**	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	79.2
	"	3.0	<49.9	77.4	<49.9	77.4	<0.00199	<0.00199	0.00311	0.00428	0.00739	41.5
		4.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	0.00586	0.0252	0.0311	32.4
	"	5.0	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	11.6
H-1	7/18/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00199	0.00671	0.00538	0.00495	0.0170	<4.99
H-2	7/18/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00199	0.0108	0.0161	0.0201	0.0470	7.77
H-3	7/18/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	0.00281	0.00253	0.0322	0.0561	0.0936	<5.01
H-4	7/18/2022	0-0.5	<49.9	<49.9	<49.9	<49.9	0.00201	0.0205	0.0152	0.0329	0.0706	9.73
Regulatory Criteria [A]			100 mg/kg			2,500 mg/kg	10 mg/kg	-	-	-	50 mg/kg	10,000 mg/kg

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH- Total Petroleum Hydrocarbons
ft-feet
(H) Horizontal
(S) Soil Sample
(T) Trench
Removed

Table 2
EOG
West Corbin Fed 16 SWD TB
(UNDER THE TANKS)
Lea 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						
T-1	11/9/2022	0-1	**1,730**	**6,770**	**1,050**	**9,550**	**10.6**	91.0	80.6	148	**330**	48.0
	"	1.0	**2,880**	**8,090**	**1,560**	**12,530**	**30.1**	181.0	113	195	**519**	48.0
	"	2.0	**4,390**	**13,200**	**2,460**	**20,050**	**18.7**	146.0	113	203	**480**	32.0
	"	3.0	**632**	**2,290**	**462**	**3,384**	1.40	20.6	24.7	47.2	**93.8**	16.0
	"	4.0	**3,420**	**9,710**	**1,530**	**14,660**	**29.8**	215	160	278	**683**	16.0
	"	5.0	**909**	**2,850**	**501**	**4,260**	1.45	19.5	25.0	46.5	**92.4**	16.0
	"	6.0	**1,610**	**4,380**	**576**	**6,566**	6.52	63.6	67.7	121	**259**	16.0
	"	7.0	**5,510**	**13,500**	**2,040**	**21,050**	**25.9**	194	145	245	**610**	<16.0
	"	8.0	**2,270**	**6,780**	**1,000**	**10,050**	8.37	93.2	83.0	148	**333**	16.0
	"	9.0	19.2	292	43.1	354.3	<0.050	0.277	0.590	1.46	2.33	16.0
	"	10.0	<10.0	31.9	<10.0	31.9	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
T-2	11/9/2022	0-1	<100	**9,130**	**2,400**	**11,530**	<0.050	0.071	0.159	0.351	0.582	80.0
	"	1.0	<10.0	76.4	40.1	116.5	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128.0
T-3	11/9/2022	0-1	36.5	**668**	**117**	**821.5**	<0.050	0.207	0.437	1.44	2.09	32.0
	"	1.0	**652**	**9,420**	**2,190**	**12,262**	<0.200	0.683	11.2	14.9	26.8	32.0
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	"	4.0	<10.0	<10.0	<10.0	<10.0	0.059	0.154	0.053	<0.150	<0.300	32.0
Regulatory Criteria [A]			1,000 mg/kg			2,500 mg/kg	10 mg/kg	-	-	-	50 mg/kg	10,000mg/kg

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH- Total Petroleum Hydrocarbons
ft-feet
(T) Trench

Removed

Table 3
EOG
West Corbin Fed 16 SWD TB
Lea 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						
CS-1	11/17/2022	4.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	17.0
CS-2	11/17/2022	4.5	<49.9	<49.9	<49.9	<49.9	<0.00199	0.00243	<0.00199	<0.00398	<0.00398	222
CS-3	11/17/2022	3.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	13.7
CS-4	11/17/2022	9.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	70.6
CS-5	11/17/2022	9.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	34.4
CS-6	11/17/2022	2.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	26.6
CS-7	11/17/2022	2.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	21.5
CS-8	11/17/2022	2.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	13.6
CS-9	11/17/2022	2.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	13.6
CS-10	11/17/2022	1.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	218
SW-1	11/17/2022	4.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	48.4
SW-2	11/17/2022	1.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	0.00220	<0.00402	0.00457	227
SW-3	11/17/2022	3.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	13.2
SW-4	11/17/2022	1.0	<50.0	**160**	<50.0	**160**	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	191
	11/28/2022	1.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-5	11/17/2022	5.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	34.8
SW-6	11/17/2022	7.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	20.3
SW-7	11/17/2022	9.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	142
SW-8	11/17/2022	4.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	19.4
SW-9	11/17/2022	2.5	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	48.2
SW-10	11/17/2022	2.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	65.2
SW-11	11/17/2022	2.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	24.0
SW-12	11/17/2022	1.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	22.2
SW-13	11/17/2022	1.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	0.0116	0.0116	15.1
SW-14	11/17/2022	1.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	23.1
Regulatory Criteria [A]			1,000 mg/kg			2,500 mg/kg	10 mg/kg	-	-	-	50 mg/kg	10,000mg/kg

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH- Total Petroleum Hydrocarbons
ft-feet
(CS) Comfirmation Sample
(SW) Sidewall Sample
Removed

APPENDIX B

CARMONA RESOURCES

PHOTOGRAPHIC LOG

EOG Resources

Photograph No. 1

Facility: West Corbin Fed 16 SWD TB

County: Lea County, New Mexico

Description:
View Northeast, of the area of concern with tanks in place.

Photograph No. 2

Facility: West Corbin Fed 16 SWD TB

County: Lea County, New Mexico

Description:
View South, of the area of concern with tanks removed and lines still in place.

Photograph No. 3

Facility: West Corbin Fed 16 SWD TB

County: Lea County, New Mexico

Description:
View Southeast, area of confirmation samples (1-10).

CARMONA RESOURCES

PHOTOGRAPHIC LOG

EOG Resources

Photograph No. 4

Facility: West Corbin Fed 16 SWD TB

County: Lea County, New Mexico

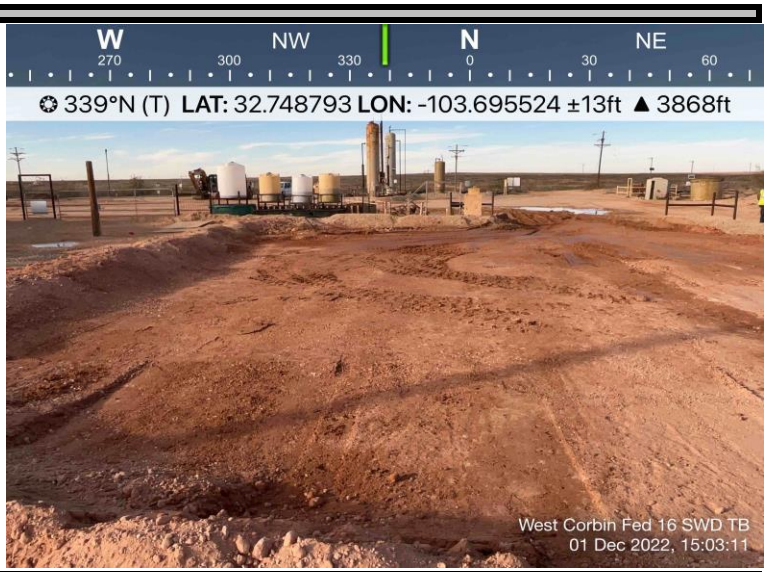
Description:
View Southwest, area of confirmation samples (1-10).

Photograph No. 5

Facility: West Corbin Fed 16 SWD TB

County: Lea County, New Mexico

Description:
View North of backfilled excavation.



CARMONA RESOURCES

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	nAPP2220753651
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)* nAPP2220753651
Contact mailing address 5509 Champions Drive Midland, TX 79706	

Location of Release Source

Latitude 32.748825° Longitude -103.695486°
(NAD 83 in decimal degrees to 5 decimal places)

Site Name West Corbin Fed #16 SWD	Site Type SWD
Date Release Discovered 7/15/22	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
H	18	18S	33E	Lea

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

Nature and Volume of Release

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

☒ Crude Oil	Volume Released (bbls) 20	Volume Recovered (bbls) 5
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: The lease operator arrived on site and discovered a pin hole above the man way plate on the 500 bbl oil tank and released approximately 20 bbls of crude oil inside unlined containment with 5 bbls recovered.

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☒ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

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

☒ The source of the release has been stopped.
☒ The impacted area has been secured to protect human health and the environment.
☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
☒ All free liquids and recoverable materials have been removed and managed appropriately.

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

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

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

Printed Name: Todd Wells Title: Environmental Specialist

Signature: Todd Wells Date: 7/26/22

email: Todd_Wells@eogresources.com Telephone: (432) 686-3613

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

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

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

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

- ☐ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☐ Data table of soil contaminant concentration data
- ☐ Depth to water determination
- ☐ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☐ Photographs including date and GIS information
- ☐ Topographic/Aerial maps
- ☐ Laboratory data including chain of custody

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

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

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: Jocelyn Harimon Date: 01/04/2023

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

Closure Report Attachment Checklist: ***Each of the following items must be included in the closure report.***

☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☐ Description of remediation activities

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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: _____ Title: _____

Signature: Todd Wells Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: 01/04/2023

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Jennifer Nobui Date: 01/26/2023

Printed Name: Jennifer Nobui Title: Environmental Specialist A

From: Enviro, OCD, EMNRD
Sent: Tuesday, November 15, 2022 9:20 AM
To: Mike Carmona
Cc: Bratcher, Michael, EMNRD; Nobui, Jennifer, EMNRD
Subject: RE: [EXTERNAL] West Corbin Fed #16 SWD Incident #nAPP2220753651

Please be aware that notification requirements are **two business days**, per rule. Please proceed on your schedule. Also, please include this, and all correspondence, in the closure report to insure inclusion in the project file.

Jocelyn Harimon ● Environmental Specialist
Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov
http:// **www.emnrd.nm.gov**

From: Mike Carmona <Mcarmona@carmonaresources.com>
Sent: Tuesday, November 15, 2022 7:49 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Todd Wells <Todd_Wells@eogresources.com>; Conner Moehring <Cmoehring@carmonaresources.com>; Miranda Milwee <MilweeM@carmonaresources.com>
Subject: [EXTERNAL] West Corbin Fed #16 SWD Incident #nAPP2220753651

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

Good Morning,

On behalf of EOG, Carmona Resources will collect confirmation samples for the at-risk remediation at the below-referenced site on 11/17/22 around 11:30 a.m. Mountain Time.

Please let me know if you have any questions.

West Corbin Fed #16 SWD
Incident #nAPP2220753651

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

FW: [EXTERNAL] EOG - West Corbin Fed #16 SWD

NE **Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>**
10/13/2022 10:30 AM

To: Todd Wells Cc: Bratcher, Michael, EMNRD; Hamlet, Robert, EMNRD; Harimon, Jocelyn, EMNRD

Todd

OCD approves your request for a 90-day extension to January 15, 2023 to submit a closure report. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thanks,
Jennifer Nobui

From: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Sent: Thursday, October 13, 2022 9:24 AM
To: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@emnrd.nm.gov>; Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>; Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Subject: Fw: [EXTERNAL] EOG - West Corbin Fed #16 SWD

From: Todd Wells <Todd_Wells@eogresources.com>
Sent: Thursday, October 13, 2022 9:22 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Subject: [EXTERNAL] EOG - West Corbin Fed #16 SWD

Good Morning,

This correspondence is to request an extension of time for the EOG, West Corbin Fed #16 SWD, Incident #nAPP2220753651, remediation site location in Lea County, New Mexico. We have rerouted some flow lines and are currently in the process of moving tanks to access the areas for remediation. EOG requests a 90 day extension of time to remove the tanks, complete the remediation activities and submit the closure report to the NMOCD. 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

APPENDIX D

CARMONA RESOURCES

Borehole ID:

Borehole 1 (BH-1)

Soil Drilling Log with Field Testing Results

Project Name : EOG Cholla Fed Com #1
Project No. : 212C-MD-01810
Location : Lea County, New Mexico
Coordinates : 32.744427°, -103.695234°

Date : Friday, August 16, 2019
Sampler : Joe Tyler
Driller : Scarborough Drilling
Method : Air Rotary

Depth (ft.)	WL	Soil Description	Discoloration /Staining	Odors /Fumes	OVM Field Test (ppm)	Chloride Field Test (ppm)	Field Titration Test (ppm)
0		Brown silty sand	Stained	Heavy odor	1,615	-	-
			Stained	Heavy odor	4,751	-	-
5		Brown silty sand w/ gravel		Heavy odor	>15,000	-	-
				Heavy odor	1,405	-	-
10		Brown silty sand		Heavy odor	18.2	-	-
15		Brown silty sand w/ light gravel		Heavy odor	160.1	-	-
20				Heavy odor	135.6	131	160
25		Brown sand w/ heavy gravel		Heavy odor	144.1	-	-
30				Heavy odor	209.1	153	200
35				Heavy odor	31.9	-	-
40		Brown silty sand w/ light gravel		Heavy odor	26.4	-	-
45				Low odor	15.5	-	-
50					33.0	-	-
55					71.2	188	200
60		Total Depth = 60 feet			24.6	169	160

Comments:

** H.O. = Heavy Odor*
** H.S. = Heavy Staining*

No Groundwater detected at 60' below surface

** L.O. = Low Odor*
** L.S. = Low Staining*
** O.L. = Over Readable Limit*

Groundwater Determination Bore

EOG Resources
West Corbin Federal #16 SWD
Lea County, New Mexico

Legend

- 0.50 Mile Radius
- GWDB - 60'
- West Corbin Fed #16H SWD

West Corbin Fed #16H SWD

GWDB - 60'

N

2000 ft

Nearest Water Well

EOG RESOURCES

Legend

- 0.50 Mile Radius
- 1.39 Miles
- 3.09 Miles
- NMSEO Water Well
- USGS Water Well
- West Corbin Fed 16 SWD TB

100' - Drilled 1967

44.97' - Drilled 1976

West Corbin Fed 16 SWD TB

529

529

N

1 mi

Google Earth

Low Karst

EOG RESOURCES

Legend

Low

West Corbin Fed 16 SWD TB

West Corbin Fed 16 SWD TB

Google Earth

1 mi

N

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

(A CLW##### in the POD suffix indicates the POD has been replaced & 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 Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
L 06131	L	LE	3	1	2	08	18S	33E	623241	3626167*	2224	194	100	94
L 03454	L	LE		2	2	30	18S	33E	622200	3621422*	2772	100	35	65
CP 00758 POD1	CP	LE			3	04	18S	33E	624345	3626886*	3434	250		
CP 00546 POD1	CP	LE	2	2	4	09	18S	33E	625464	3625597*	3542	90	70	20

Average Depth to Water: **68 feet**

Minimum Depth: **35 feet**

Maximum Depth: **100 feet**

Record Count: 4

UTMNAD83 Radius Search (in meters):

Easting (X): 622210.75 **Northing (Y):** 3624194.93 **Radius:** 4000

***UTM location was derived from PLSS - see Help**

New Mexico Office of the State Engineer
Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	L 06131	3	1	2	08	18S	33E	623241	3626167*

Driller License: 99 **Driller Company:** O.R. MUSSELWHITE WATER WELL SE

Driller Name:

Drill Start Date: 04/27/1967 **Drill Finish Date:** 04/29/1967 **Plug Date:**

Log File Date: 05/02/1967 **PCW Rcv Date:** **Source:** Shallow

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

Casing Size: 7.00 **Depth Well:** 194 feet **Depth Water:** 100 feet

Water Bearing Stratifications:	Top	Bottom	Description
	130	135	Sandstone/Gravel/Conglomerate
	185	193	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	150	194

***UTM location was derived from PLSS - see Help**

Click to hideNews Bulletins

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

Groundwater levels for New Mexico

Click to hide state-specific text

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 324519103383001

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 324519103383001 18S.33E.10.44211

Lea County, New Mexico
Latitude 32°45'29", Longitude 103°38'37" NAD27
Land-surface elevation 3,985.00 feet above NGVD29
The depth of the well is 60 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
1971-02-09		D	62610		3943.37	NGVD29	1	Z		
1971-02-09		D	62611		3945.00	NAVD88	1	Z		
1971-02-09		D	72019	41.63			1	Z		
1976-02-18		D	62610		3940.25	NGVD29	1	Z		
1976-02-18		D	62611		3941.88	NAVD88	1	Z		
1976-02-18		D	72019	44.75			1	Z		

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

Section	Code	Description
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	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

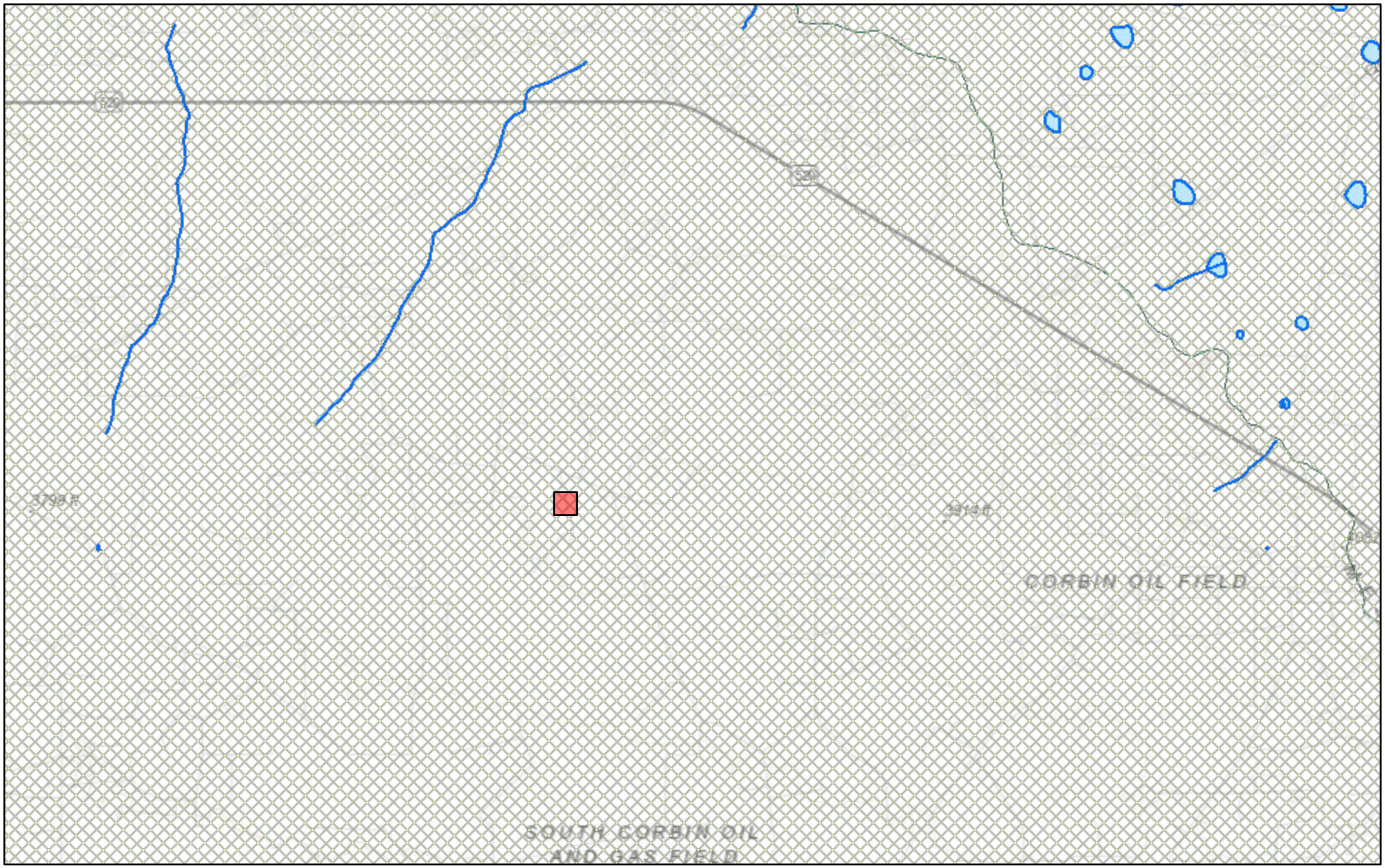
Accessibility FOIA Privacy Policies and Notices

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?

Page Contact Information: New Mexico Water Data Maintainer
Page Last Modified: 2022-07-25 11:00:04 EDT
0.32 0.26 nadww02

New Mexico NFHL Data



July 25, 2022

1:72,224

0 0.5 1 2 mi

0 0.75 1.5 3 km

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

nmflood.org is made possible through a collaboration with NMDHSEM,

This is a non-regulatory product for informational use only. Please consult your local floodplain administrator for further information.

APPENDIX E

CARMONA RESOURCES

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-17086-1
Laboratory Sample Delivery Group: Lea County, New Mexico
Client Project/Site: West Corbin Fed Battery

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

Attn: Conner Moehring

JKramer

Authorized for release by:
7/21/2022 1:28:22 PM

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

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Laboratory Job ID: 880-17086-1
SDG: Lea County, New Mexico

Table of Contents

Definitions/Glossary

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17086-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
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
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD 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.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17086-1
SDG: Lea County, New Mexico

Job ID: 880-17086-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-17086-1

Receipt
The samples were received on 7/19/2022 12:05 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.3°C

GC VOA
Method 8021B: Surrogate recovery for the following sample was outside control limits: H-3 (-0-0.5') (880-17086-13). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: S-1 (0-1') (880-17086-1), S-1 (1.5') (880-17086-2), S-1 (2') (880-17086-3), S-1 (3') (880-17086-4) and S-1 (4') (880-17086-5). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for preparation batch 880-29817 and analytical batch 880-30096 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

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

GC Semi VOA
Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-30078 and analytical batch 880-30051 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-1 (0-1') (880-17086-1), S-1 (1.5') (880-17086-2), S-1 (2') (880-17086-3), S-1 (3') (880-17086-4), S-1 (4') (880-17086-5), S-2 (0-1') (880-17086-7), S-2 (1.5') (880-17086-8), S-3 (0-1') (880-17086-9) and (MB 880-30078/1-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-30080/2-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: S-3 (1.5') (880-17086-10). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-30080 and analytical batch 880-30146 was outside the upper control limits.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-30080 and analytical batch 880-30146 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.

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: West Corbin Fed Battery

Job ID: 880-17086-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-17086-1
Matrix: Solid
Date Collected: 07/18/22 00:00
Date Received: 07/19/22 12:05

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	89.0		1.00		mg/Kg		07/20/22 09:20	07/20/22 12:33	500
Toluene	233		9.92		mg/Kg		07/19/22 17:00	07/20/22 14:57	5000
Ethylbenzene	156		9.92		mg/Kg		07/19/22 17:00	07/20/22 14:57	5000
m-Xylene & p-Xylene	348		2.00		mg/Kg		07/20/22 09:20	07/20/22 12:33	500
o-Xylene	169		1.00		mg/Kg		07/20/22 09:20	07/20/22 12:33	500
Xylenes, Total	517		2.00		mg/Kg		07/20/22 09:20	07/20/22 12:33	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*264*	*S1+*	*70 - 130*	*07/20/22 09:20*	*07/20/22 12:33*	*500*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*07/20/22 09:20*	*07/20/22 12:33*	*500*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	995		9.92		mg/Kg			07/20/22 12:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	14400		249		mg/Kg			07/20/22 12:51	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	8130	*1	249		mg/Kg		07/19/22 16:05	07/20/22 05:25	5
Diesel Range Organics (Over C10-C28)	6240		249		mg/Kg		07/19/22 16:05	07/20/22 05:25	5
Oil Range Organics (Over C28-C36)	<249	U	249		mg/Kg		07/19/22 16:05	07/20/22 05:25	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*385*	*S1+*	*70 - 130*	*07/19/22 16:05*	*07/20/22 05:25*	*5*
o-Terphenyl	*264*	*S1+*	*70 - 130*	*07/19/22 16:05*	*07/20/22 05:25*	*5*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	50.6		5.05		mg/Kg			07/20/22 15:00	1

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-17086-2
Matrix: Solid
Date Collected: 07/18/22 00:00
Date Received: 07/19/22 12:05

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	60.3		0.998		mg/Kg		07/20/22 09:20	07/20/22 12:53	500
Toluene	290		9.98		mg/Kg		07/19/22 17:00	07/20/22 15:18	5000
Ethylbenzene	206		9.98		mg/Kg		07/19/22 17:00	07/20/22 15:18	5000
m-Xylene & p-Xylene	244		2.00		mg/Kg		07/20/22 09:20	07/20/22 12:53	500
o-Xylene	121		0.998		mg/Kg		07/20/22 09:20	07/20/22 12:53	500
Xylenes, Total	365		2.00		mg/Kg		07/20/22 09:20	07/20/22 12:53	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*227*	*S1+*	*70 - 130*	*07/20/22 09:20*	*07/20/22 12:53*	*500*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*07/20/22 09:20*	*07/20/22 12:53*	*500*

Client Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17086-1
SDG: Lea County, New Mexico

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-17086-2

Date Collected: 07/18/22 00:00
Matrix: Solid
Date Received: 07/19/22 12:05

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	921		9.98		mg/Kg			07/20/22 12:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	18900		250		mg/Kg			07/20/22 12:51	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	9870	*1	250		mg/Kg		07/19/22 16:05	07/20/22 05:46	5
Diesel Range Organics (Over C10-C28)	8980		250		mg/Kg		07/19/22 16:05	07/20/22 05:46	5
OII Range Organics (Over C28-C36)	<250	U	250		mg/Kg		07/19/22 16:05	07/20/22 05:46	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*494*	*S1+*	*70 - 130*	*07/19/22 16:05*	*07/20/22 05:46*	*5*
o-Terphenyl	*376*	*S1+*	*70 - 130*	*07/19/22 16:05*	*07/20/22 05:46*	*5*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	49.4		5.00		mg/Kg			07/20/22 15:27	1

Client Sample ID: S-1 (2')

Lab Sample ID: 880-17086-3

Date Collected: 07/18/22 00:00
Matrix: Solid
Date Received: 07/19/22 12:05

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	58.3		0.994		mg/Kg		07/20/22 09:20	07/20/22 13:14	500
Toluene	292		10.0		mg/Kg		07/19/22 17:00	07/20/22 15:38	5000
Ethylbenzene	213		10.0		mg/Kg		07/19/22 17:00	07/20/22 15:38	5000
m-Xylene & p-Xylene	237		1.99		mg/Kg		07/20/22 09:20	07/20/22 13:14	500
o-Xylene	117		0.994		mg/Kg		07/20/22 09:20	07/20/22 13:14	500
Xylenes, Total	354		1.99		mg/Kg		07/20/22 09:20	07/20/22 13:14	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*234*	*S1+*	*70 - 130*	*07/20/22 09:20*	*07/20/22 13:14*	*500*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*07/20/22 09:20*	*07/20/22 13:14*	*500*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	917		10.0		mg/Kg			07/20/22 12:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	15300		250		mg/Kg			07/20/22 12:51	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	8820	*1	250		mg/Kg		07/19/22 16:05	07/20/22 06:07	5
Diesel Range Organics (Over C10-C28)	6480		250		mg/Kg		07/19/22 16:05	07/20/22 06:07	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17086-1
SDG: Lea County, New Mexico

Client Sample ID: S-1 (2')

Lab Sample ID: 880-17086-3

Date Collected: 07/18/22 00:00
Matrix: Solid
Date Received: 07/19/22 12:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<250	U	250		mg/Kg		07/19/22 16:05	07/20/22 06:07	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*393*	*S1+*	*70 - 130*	*07/19/22 16:05*	*07/20/22 06:07*	*5*
o-Terphenyl	*285*	*S1+*	*70 - 130*	*07/19/22 16:05*	*07/20/22 06:07*	*5*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**50.0**		4.97		mg/Kg			07/20/22 15:37	1

Client Sample ID: S-1 (3')

Lab Sample ID: 880-17086-4

Date Collected: 07/18/22 00:00
Matrix: Solid
Date Received: 07/19/22 12:05

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**110**		0.998		mg/Kg		07/20/22 09:20	07/20/22 13:34	500
Toluene	**409**		9.98		mg/Kg		07/19/22 17:00	07/20/22 15:59	5000
Ethylbenzene	**273**		9.98		mg/Kg		07/19/22 17:00	07/20/22 15:59	5000
m-Xylene & p-Xylene	**288**		2.00		mg/Kg		07/20/22 09:20	07/20/22 13:34	500
o-Xylene	**136**		0.998		mg/Kg		07/20/22 09:20	07/20/22 13:34	500
Xylenes, Total	**424**		2.00		mg/Kg		07/20/22 09:20	07/20/22 13:34	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*240*	*S1+*	*70 - 130*	*07/20/22 09:20*	*07/20/22 13:34*	*500*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*	*07/20/22 09:20*	*07/20/22 13:34*	*500*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**1220**		9.98		mg/Kg			07/20/22 12:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**23500**		249		mg/Kg			07/20/22 12:51	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	**14400**	***1**	249		mg/Kg		07/19/22 16:05	07/20/22 06:28	5
Diesel Range Organics (Over C10-C28)	**9080**		249		mg/Kg		07/19/22 16:05	07/20/22 06:28	5
OII Range Organics (Over C28-C36)	<249	U	249		mg/Kg		07/19/22 16:05	07/20/22 06:28	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*470*	*S1+*	*70 - 130*	*07/19/22 16:05*	*07/20/22 06:28*	*5*
o-Terphenyl	*376*	*S1+*	*70 - 130*	*07/19/22 16:05*	*07/20/22 06:28*	*5*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**97.6**		4.96		mg/Kg			07/20/22 15:46	1

Client Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17086-1
SDG: Lea County, New Mexico

Client Sample ID: S-1 (4')

Lab Sample ID: 880-17086-5
Matrix: Solid
Date Collected: 07/18/22 00:00
Date Received: 07/19/22 12:05

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**55.8**		1.00		mg/Kg		07/20/22 09:20	07/20/22 13:55	500
Toluene	**285**		10.1		mg/Kg		07/19/22 17:00	07/20/22 16:19	5000
Ethylbenzene	**169**		1.00		mg/Kg		07/20/22 09:20	07/20/22 13:55	500
m-Xylene & p-Xylene	**169**		2.00		mg/Kg		07/20/22 09:20	07/20/22 13:55	500
o-Xylene	**75.1**		1.00		mg/Kg		07/20/22 09:20	07/20/22 13:55	500
Xylenes, Total	**244**		2.00		mg/Kg		07/20/22 09:20	07/20/22 13:55	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*186*	*S1+*	*70 - 130*	*07/20/22 09:20*	*07/20/22 13:55*	*500*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*07/20/22 09:20*	*07/20/22 13:55*	*500*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**754**		2.00		mg/Kg			07/20/22 12:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**14700**		250		mg/Kg			07/20/22 12:51	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	**9740**	***1**	250		mg/Kg		07/19/22 16:05	07/20/22 06:49	5
Diesel Range Organics (Over C10-C28)	**4970**		250		mg/Kg		07/19/22 16:05	07/20/22 06:49	5
Oil Range Organics (Over C28-C36)	<250	U	250		mg/Kg		07/19/22 16:05	07/20/22 06:49	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*312*	*S1+*	*70 - 130*	*07/19/22 16:05*	*07/20/22 06:49*	*5*
o-Terphenyl	*211*	*S1+*	*70 - 130*	*07/19/22 16:05*	*07/20/22 06:49*	*5*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**115**		4.96		mg/Kg			07/20/22 15:55	1

Client Sample ID: S-1 (5')

Lab Sample ID: 880-17086-6
Matrix: Solid
Date Collected: 07/18/22 00:00
Date Received: 07/19/22 12:05

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		07/19/22 16:02	07/20/22 05:15	1
Toluene	**0.00586**		0.00200		mg/Kg		07/19/22 16:02	07/20/22 05:15	1
Ethylbenzene	**0.00570**		0.00200		mg/Kg		07/19/22 16:02	07/20/22 05:15	1
m-Xylene & p-Xylene	**0.00707**		0.00399		mg/Kg		07/19/22 16:02	07/20/22 05:15	1
o-Xylene	**0.00473**		0.00200		mg/Kg		07/19/22 16:02	07/20/22 05:15	1
Xylenes, Total	**0.0118**		0.00399		mg/Kg		07/19/22 16:02	07/20/22 05:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*07/19/22 16:02*	*07/20/22 05:15*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*07/19/22 16:02*	*07/20/22 05:15*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17086-1
SDG: Lea County, New Mexico

Client Sample ID: S-1 (5')

Lab Sample ID: 880-17086-6

Date Collected: 07/18/22 00:00
Matrix: Solid
Date Received: 07/19/22 12:05

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0234**		0.00399		mg/Kg			07/20/22 12:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**53.2**		50.0		mg/Kg			07/20/22 12:51	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		07/19/22 16:05	07/20/22 07:10	1
Diesel Range Organics (Over C10-C28)	**53.2**		50.0		mg/Kg		07/19/22 16:05	07/20/22 07:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/19/22 16:05	07/20/22 07:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*113*		*70 - 130*	*07/19/22 16:05*	*07/20/22 07:10*	*1*
o-Terphenyl	*114*		*70 - 130*	*07/19/22 16:05*	*07/20/22 07:10*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**189**		5.00		mg/Kg			07/20/22 16:23	1

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

Lab Sample ID: 880-17086-7

Date Collected: 07/18/22 00:00
Matrix: Solid
Date Received: 07/19/22 12:05

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**85.9**		9.98		mg/Kg		07/20/22 09:20	07/20/22 14:15	5000
Toluene	**464**		9.98		mg/Kg		07/20/22 09:20	07/20/22 14:15	5000
Ethylbenzene	**357**		9.98		mg/Kg		07/20/22 09:20	07/20/22 14:15	5000
m-Xylene & p-Xylene	**365**		20.0		mg/Kg		07/20/22 09:20	07/20/22 14:15	5000
o-Xylene	**166**		9.98		mg/Kg		07/20/22 09:20	07/20/22 14:15	5000
Xylenes, Total	**531**		20.0		mg/Kg		07/20/22 09:20	07/20/22 14:15	5000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*07/20/22 09:20*	*07/20/22 14:15*	*5000*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*07/20/22 09:20*	*07/20/22 14:15*	*5000*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**1440**		20.0		mg/Kg			07/20/22 12:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**15700**		250		mg/Kg			07/20/22 12:51	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	**7030**	***1**	250		mg/Kg		07/19/22 16:05	07/20/22 07:31	5
Diesel Range Organics (Over C10-C28)	**8700**		250		mg/Kg		07/19/22 16:05	07/20/22 07:31	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17086-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-17086-7
Matrix: Solid
Date Collected: 07/18/22 00:00
Date Received: 07/19/22 12:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<250	U	250		mg/Kg		07/19/22 16:05	07/20/22 07:31	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*430*	*S1+*	*70 - 130*	*07/19/22 16:05*	*07/20/22 07:31*	*5*
o-Terphenyl	*359*	*S1+*	*70 - 130*	*07/19/22 16:05*	*07/20/22 07:31*	*5*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**34.4**		5.02		mg/Kg			07/20/22 16:32	1

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-17086-8
Matrix: Solid
Date Collected: 07/18/22 00:00
Date Received: 07/19/22 12:05

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**12.2**		0.200		mg/Kg		07/19/22 16:02	07/20/22 07:38	100
Toluene	**201**		9.94		mg/Kg		07/20/22 09:20	07/20/22 14:36	5000
Ethylbenzene	**152**		9.94		mg/Kg		07/20/22 09:20	07/20/22 14:36	5000
m-Xylene & p-Xylene	**49.0**		0.401		mg/Kg		07/19/22 16:02	07/20/22 07:38	100
o-Xylene	**23.6**		0.200		mg/Kg		07/19/22 16:02	07/20/22 07:38	100
Xylenes, Total	**72.6**		0.401		mg/Kg		07/19/22 16:02	07/20/22 07:38	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*07/19/22 16:02*	*07/20/22 07:38*	*100*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*07/19/22 16:02*	*07/20/22 07:38*	*100*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**438**		9.94		mg/Kg			07/20/22 12:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**9610**		250		mg/Kg			07/20/22 12:51	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	**4880**	***1**	250		mg/Kg		07/19/22 16:05	07/20/22 07:53	5
Diesel Range Organics (Over C10-C28)	**4730**		250		mg/Kg		07/19/22 16:05	07/20/22 07:53	5
OII Range Organics (Over C28-C36)	<250	U	250		mg/Kg		07/19/22 16:05	07/20/22 07:53	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*180*	*S1+*	*70 - 130*	*07/19/22 16:05*	*07/20/22 07:53*	*5*
o-Terphenyl	*167*	*S1+*	*70 - 130*	*07/19/22 16:05*	*07/20/22 07:53*	*5*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**57.8**		5.04		mg/Kg			07/20/22 16:41	1

Client Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17086-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-17086-9
Matrix: Solid
Date Collected: 07/18/22 00:00
Date Received: 07/19/22 12:05

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	18.5		9.98		mg/Kg		07/20/22 09:20	07/20/22 14:56	5000
Toluene	202		9.98		mg/Kg		07/20/22 09:20	07/20/22 14:56	5000
Ethylbenzene	219		9.98		mg/Kg		07/20/22 09:20	07/20/22 14:56	5000
m-Xylene & p-Xylene	238		20.0		mg/Kg		07/20/22 09:20	07/20/22 14:56	5000
o-Xylene	111		9.98		mg/Kg		07/20/22 09:20	07/20/22 14:56	5000
Xylenes, Total	349		20.0		mg/Kg		07/20/22 09:20	07/20/22 14:56	5000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*07/20/22 09:20*	*07/20/22 14:56*	*5000*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*07/20/22 09:20*	*07/20/22 14:56*	*5000*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	789		20.0		mg/Kg			07/20/22 12:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	11000		250		mg/Kg			07/20/22 12:51	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	6920	*1	250		mg/Kg		07/19/22 16:05	07/20/22 08:14	5
Diesel Range Organics (Over C10-C28)	4120		250		mg/Kg		07/19/22 16:05	07/20/22 08:14	5
Oil Range Organics (Over C28-C36)	<250	U	250		mg/Kg		07/19/22 16:05	07/20/22 08:14	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*210*	*S1+*	*70 - 130*	*07/19/22 16:05*	*07/20/22 08:14*	*5*
o-Terphenyl	*148*	*S1+*	*70 - 130*	*07/19/22 16:05*	*07/20/22 08:14*	*5*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.9		5.03		mg/Kg			07/20/22 16:50	1

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-17086-10
Matrix: Solid
Date Collected: 07/18/22 00:00
Date Received: 07/19/22 12:05

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2.62		0.199		mg/Kg		07/19/22 16:02	07/20/22 08:19	100
Toluene	33.6		0.199		mg/Kg		07/19/22 16:02	07/20/22 08:19	100
Ethylbenzene	30.2		0.199		mg/Kg		07/19/22 16:02	07/20/22 08:19	100
m-Xylene & p-Xylene	35.9		0.398		mg/Kg		07/19/22 16:02	07/20/22 08:19	100
o-Xylene	17.5		0.199		mg/Kg		07/19/22 16:02	07/20/22 08:19	100
Xylenes, Total	53.4		0.398		mg/Kg		07/19/22 16:02	07/20/22 08:19	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*07/19/22 16:02*	*07/20/22 08:19*	*100*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*07/19/22 16:02*	*07/20/22 08:19*	*100*

Client Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17086-1
SDG: Lea County, New Mexico

Client Sample ID: S-3 (1.5')

Date Collected: 07/18/22 00:00
Date Received: 07/19/22 12:05

Lab Sample ID: 880-17086-10

Matrix: Solid

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**120**		0.398		mg/Kg			07/20/22 12:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**971**		49.9		mg/Kg			07/20/22 12:51	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	**304**	***1 *+**	49.9		mg/Kg		07/19/22 16:15	07/20/22 17:59	1
Diesel Range Organics (Over C10-C28)	**582**	***1 *+**	49.9		mg/Kg		07/19/22 16:15	07/20/22 17:59	1
Oil Range Organics (Over C28-C36)	**85.4**		49.9		mg/Kg		07/19/22 16:15	07/20/22 17:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*22*	*S1-*	*70 - 130*	*07/19/22 16:15*	*07/20/22 17:59*	*1*
o-Terphenyl	*22*	*S1-*	*70 - 130*	*07/19/22 16:15*	*07/20/22 17:59*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**24.7**		5.03		mg/Kg			07/20/22 17:00	1

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

Date Collected: 07/18/22 00:00
Date Received: 07/19/22 12:05

Lab Sample ID: 880-17086-11

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/19/22 16:02	07/20/22 05:35	1
Toluene	**0.00671**		0.00199		mg/Kg		07/19/22 16:02	07/20/22 05:35	1
Ethylbenzene	**0.00538**		0.00199		mg/Kg		07/19/22 16:02	07/20/22 05:35	1
m-Xylene & p-Xylene	**0.00495**		0.00398		mg/Kg		07/19/22 16:02	07/20/22 05:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/19/22 16:02	07/20/22 05:35	1
Xylenes, Total	**0.00495**		0.00398		mg/Kg		07/19/22 16:02	07/20/22 05:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*07/19/22 16:02*	*07/20/22 05:35*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*07/19/22 16:02*	*07/20/22 05:35*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0170**		0.00398		mg/Kg			07/20/22 12:36	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			07/20/22 12:51	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		07/19/22 16:15	07/20/22 16:51	1

Client Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17086-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-17086-11
Matrix: Solid
Date Collected: 07/18/22 00:00
Date Received: 07/19/22 12:05

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)	<50.0	U *1 *+	50.0		mg/Kg		07/19/22 16:15	07/20/22 16:51	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/19/22 16:15	07/20/22 16:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*07/19/22 16:15*	*07/20/22 16:51*	*1*
o-Terphenyl	*101*		*70 - 130*	*07/19/22 16:15*	*07/20/22 16:51*	*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			07/20/22 17:09	1

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

Lab Sample ID: 880-17086-12
Matrix: Solid
Date Collected: 07/18/22 00:00
Date Received: 07/19/22 12:05

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		07/19/22 16:02	07/20/22 05:56	1
Toluene	**0.0108**		0.00199		mg/Kg		07/19/22 16:02	07/20/22 05:56	1
Ethylbenzene	**0.0161**		0.00199		mg/Kg		07/19/22 16:02	07/20/22 05:56	1
m-Xylene & p-Xylene	**0.0143**		0.00398		mg/Kg		07/19/22 16:02	07/20/22 05:56	1
o-Xylene	**0.00582**		0.00199		mg/Kg		07/19/22 16:02	07/20/22 05:56	1
Xylenes, Total	**0.0201**		0.00398		mg/Kg		07/19/22 16:02	07/20/22 05:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*07/19/22 16:02*	*07/20/22 05:56*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*07/19/22 16:02*	*07/20/22 05:56*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0470**		0.00398		mg/Kg			07/20/22 12:36	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			07/20/22 12:51	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		07/19/22 16:15	07/20/22 18:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1 *+	50.0		mg/Kg		07/19/22 16:15	07/20/22 18:21	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/19/22 16:15	07/20/22 18:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*106*		*70 - 130*	*07/19/22 16:15*	*07/20/22 18:21*	*1*
o-Terphenyl	*118*		*70 - 130*	*07/19/22 16:15*	*07/20/22 18:21*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.77**		4.98		mg/Kg			07/20/22 17:37	1

Client Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17086-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-17086-13
Matrix: Solid
Date Collected: 07/18/22 00:00
Date Received: 07/19/22 12:05

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00281		0.00200		mg/Kg		07/19/22 16:02	07/20/22 06:16	1
Toluene	0.00253		0.00200		mg/Kg		07/19/22 16:02	07/20/22 06:16	1
Ethylbenzene	0.0322		0.00200		mg/Kg		07/19/22 16:02	07/20/22 06:16	1
m-Xylene & p-Xylene	0.0340		0.00401		mg/Kg		07/19/22 16:02	07/20/22 06:16	1
o-Xylene	0.0221		0.00200		mg/Kg		07/19/22 16:02	07/20/22 06:16	1
Xylenes, Total	0.0561		0.00401		mg/Kg		07/19/22 16:02	07/20/22 06:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*69*	*S1-*	*70 - 130*	*07/19/22 16:02*	*07/20/22 06:16*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*07/19/22 16:02*	*07/20/22 06:16*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0936		0.00401		mg/Kg			07/20/22 12:36	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			07/20/22 12:51	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		07/19/22 16:15	07/20/22 18:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1 *+	50.0		mg/Kg		07/19/22 16:15	07/20/22 18:43	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/19/22 16:15	07/20/22 18:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*07/19/22 16:15*	*07/20/22 18:43*	*1*
o-Terphenyl	*104*		*70 - 130*	*07/19/22 16:15*	*07/20/22 18:43*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.01	U	5.01		mg/Kg			07/20/22 17:46	1

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

Lab Sample ID: 880-17086-14
Matrix: Solid
Date Collected: 07/18/22 00:00
Date Received: 07/19/22 12:05

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00201		0.00201		mg/Kg		07/19/22 16:02	07/20/22 06:37	1
Toluene	0.0205		0.00201		mg/Kg		07/19/22 16:02	07/20/22 06:37	1
Ethylbenzene	0.0152		0.00201		mg/Kg		07/19/22 16:02	07/20/22 06:37	1
m-Xylene & p-Xylene	0.0230		0.00402		mg/Kg		07/19/22 16:02	07/20/22 06:37	1
o-Xylene	0.00991		0.00201		mg/Kg		07/19/22 16:02	07/20/22 06:37	1
Xylenes, Total	0.0329		0.00402		mg/Kg		07/19/22 16:02	07/20/22 06:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*74*		*70 - 130*	*07/19/22 16:02*	*07/20/22 06:37*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*07/19/22 16:02*	*07/20/22 06:37*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17086-1
SDG: Lea County, New Mexico

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

Date Collected: 07/18/22 00:00
Date Received: 07/19/22 12:05

Lab Sample ID: 880-17086-14

Matrix: Solid

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0706**		0.00402		mg/Kg			07/20/22 12:36	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			07/20/22 12:51	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		07/19/22 16:15	07/20/22 19:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1 *+	49.9		mg/Kg		07/19/22 16:15	07/20/22 19:04	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/19/22 16:15	07/20/22 19:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*07/19/22 16:15*	*07/20/22 19:04*	*1*
o-Terphenyl	*102*		*70 - 130*	*07/19/22 16:15*	*07/20/22 19:04*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.73**		4.95		mg/Kg			07/20/22 18:14	1

Surrogate Summary

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17086-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-17086-1	S-1 (0-1')	264 S1+	90
880-17086-2	S-1 (1.5')	227 S1+	106
880-17086-3	S-1 (2')	234 S1+	111
880-17086-4	S-1 (3')	240 S1+	115
880-17086-5	S-1 (4')	186 S1+	109
880-17086-6	S-1 (5')	111	86
880-17086-7	S-2 (0-1')	120	92
880-17086-8	S-2 (1.5')	106	93
880-17086-9	S-3 (0-1')	121	90
880-17086-10	S-3 (1.5')	88	77
880-17086-11	H-1 (-0-0.5')	108	91
880-17086-12	H-2 (-0-0.5')	106	109
880-17086-13	H-3 (-0-0.5')	69 S1-	77
880-17086-14	H-4 (-0-0.5')	74	100
890-2539-A-1-E MS	Matrix Spike	90	95
890-2539-A-1-F MSD	Matrix Spike Duplicate	106	89
890-2568-A-8-B MS	Matrix Spike	102	97
890-2568-A-8-C MSD	Matrix Spike Duplicate	102	100
890-2568-A-10-E MS	Matrix Spike	102	96
890-2568-A-10-F MSD	Matrix Spike Duplicate	105	98
LCS 880-29817/1-A	Lab Control Sample	109	97
LCS 880-30077/1-A	Lab Control Sample	103	96
LCS 880-30102/1-A	Lab Control Sample	104	97
LCSD 880-29817/2-A	Lab Control Sample Dup	101	95
LCSD 880-30077/2-A	Lab Control Sample Dup	101	101
LCSD 880-30102/2-A	Lab Control Sample Dup	103	96
MB 880-29817/5-A	Method Blank	98	96
MB 880-29947/5-A	Method Blank	97	97
MB 880-30077/5-A	Method Blank	98	98
MB 880-30102/5-A	Method Blank	97	87

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)
880-17086-1	S-1 (0-1')	385 S1+	264 S1+
880-17086-2	S-1 (1.5')	494 S1+	376 S1+
880-17086-3	S-1 (2')	393 S1+	285 S1+
880-17086-4	S-1 (3')	470 S1+	376 S1+
880-17086-5	S-1 (4')	312 S1+	211 S1+
880-17086-6	S-1 (5')	113	114
880-17086-7	S-2 (0-1')	430 S1+	359 S1+
880-17086-8	S-2 (1.5')	180 S1+	167 S1+
880-17086-9	S-3 (0-1')	210 S1+	148 S1+

Surrogate Summary

Client: Carmona Resources Job ID: 880-17086-1
Project/Site: West Corbin Fed Battery SDG: Lea County, New Mexico

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)								
880-17086-10	S-3 (1.5')	22 S1-	22 S1-								
880-17086-11	H-1 (-0-0.5')	88	101								
880-17086-11 MS	H-1 (-0-0.5')	87	85								
880-17086-11 MSD	H-1 (-0-0.5')	88	87								
880-17086-12	H-2 (-0-0.5')	106	118								
880-17086-13	H-3 (-0-0.5')	92	104								
880-17086-14	H-4 (-0-0.5')	91	102								
890-2568-A-6-D MS	Matrix Spike	88	91								
890-2568-A-6-E MSD	Matrix Spike Duplicate	87	91								
LCS 880-30078/2-A	Lab Control Sample	108	120								
LCS 880-30080/2-A	Lab Control Sample	150 S1+	149 S1+								
LCSD 880-30078/3-A	Lab Control Sample Dup	95	102								
LCSD 880-30080/3-A	Lab Control Sample Dup	114	115								
MB 880-30078/1-A	Method Blank	134 S1+	161 S1+								
MB 880-30080/1-A	Method Blank	141 S1+	168 S1+								

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17086-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-29817/5-A
Matrix: Solid
Analysis Batch: 30096

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 29817

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/15/22 09:11	07/20/22 12:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/15/22 09:11	07/20/22 12:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/15/22 09:11	07/20/22 12:46	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/15/22 09:11	07/20/22 12:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/15/22 09:11	07/20/22 12:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/15/22 09:11	07/20/22 12:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*07/15/22 09:11*	*07/20/22 12:46*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*07/15/22 09:11*	*07/20/22 12:46*	*1*

Lab Sample ID: LCS 880-29817/1-A
Matrix: Solid
Analysis Batch: 30096

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 29817

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1048		mg/Kg		105	70 - 130		
Toluene			0.100	0.1037		mg/Kg		104	70 - 130		
Ethylbenzene			0.100	0.1069		mg/Kg		107	70 - 130		
m-Xylene & p-Xylene			0.200	0.2278		mg/Kg		114	70 - 130		
o-Xylene			0.100	0.1203		mg/Kg		120	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: LCSD 880-29817/2-A
Matrix: Solid
Analysis Batch: 30096

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 29817

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09444		mg/Kg		94	70 - 130	10	35
Toluene			0.100	0.09316		mg/Kg		93	70 - 130	11	35
Ethylbenzene			0.100	0.09138		mg/Kg		91	70 - 130	16	35
m-Xylene & p-Xylene			0.200	0.1945		mg/Kg		97	70 - 130	16	35
o-Xylene			0.100	0.1025		mg/Kg		103	70 - 130	16	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: 890-2539-A-1-E MS
Matrix: Solid
Analysis Batch: 30096

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 29817

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00201	U F1	0.0998	0.02974	F1	mg/Kg		29	70 - 130		
Toluene	0.0164	F1	0.0998	0.03203	F1	mg/Kg		16	70 - 130		

QC Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17086-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 890-2539-A-1-E MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 30096 — **Prep Batch: 29817**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	0.0194	F1	0.0998	0.03403	F1	mg/Kg		15	70 - 130
m-Xylene & p-Xylene	0.0239	F1	0.200	0.06705	F1	mg/Kg		22	70 - 130
o-Xylene	0.00435	F1	0.0998	0.03828	F1	mg/Kg		34	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: 890-2539-A-1-F MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 30096 — **Prep Batch: 29817**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U F1	0.100	0.02922	F1	mg/Kg		29	70 - 130	2	35
Toluene	0.0164	F1	0.100	0.03409	F1	mg/Kg		18	70 - 130	6	35
Ethylbenzene	0.0194	F1	0.100	0.03490	F1	mg/Kg		15	70 - 130	3	35
m-Xylene & p-Xylene	0.0239	F1	0.201	0.07730	F1	mg/Kg		27	70 - 130	14	35
o-Xylene	0.00435	F1	0.100	0.04542	F1	mg/Kg		41	70 - 130	17	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*

Lab Sample ID: MB 880-29947/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 30015 — **Prep Batch: 29947**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/18/22 13:40	07/19/22 11:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/18/22 13:40	07/19/22 11:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/18/22 13:40	07/19/22 11:47	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/18/22 13:40	07/19/22 11:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/18/22 13:40	07/19/22 11:47	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/18/22 13:40	07/19/22 11:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*07/18/22 13:40*	*07/19/22 11:47*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*07/18/22 13:40*	*07/19/22 11:47*	*1*

Lab Sample ID: MB 880-30077/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 30015 — **Prep Batch: 30077**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/19/22 16:02	07/19/22 23:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/19/22 16:02	07/19/22 23:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/19/22 16:02	07/19/22 23:51	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/19/22 16:02	07/19/22 23:51	1

QC Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17086-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-30077/5-A
Matrix: Solid
Analysis Batch: 30015

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30077

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/19/22 16:02	07/19/22 23:51	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/19/22 16:02	07/19/22 23:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*07/19/22 16:02*	*07/19/22 23:51*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*07/19/22 16:02*	*07/19/22 23:51*	*1*

Lab Sample ID: LCS 880-30077/1-A
Matrix: Solid
Analysis Batch: 30015

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30077

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09164		mg/Kg		92	70 - 130		
Toluene			0.100	0.09300		mg/Kg		93	70 - 130		
Ethylbenzene			0.100	0.09263		mg/Kg		93	70 - 130		
m-Xylene & p-Xylene			0.200	0.1966		mg/Kg		98	70 - 130		
o-Xylene			0.100	0.1058		mg/Kg		106	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: LCSD 880-30077/2-A
Matrix: Solid
Analysis Batch: 30015

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30077

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1009		mg/Kg		101	70 - 130	10	35
Toluene			0.100	0.09281		mg/Kg		93	70 - 130	0	35
Ethylbenzene			0.100	0.08970		mg/Kg		90	70 - 130	3	35
m-Xylene & p-Xylene			0.200	0.1896		mg/Kg		95	70 - 130	4	35
o-Xylene			0.100	0.1020		mg/Kg		102	70 - 130	4	35

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

Lab Sample ID: 890-2568-A-8-B MS
Matrix: Solid
Analysis Batch: 30015

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 30077

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00199	U	0.0998	0.08127		mg/Kg		81	70 - 130		
Toluene	<0.00199	U	0.0998	0.07866		mg/Kg		78	70 - 130		
Ethylbenzene	<0.00199	U	0.0998	0.08010		mg/Kg		80	70 - 130		
m-Xylene & p-Xylene	<0.00398	U	0.200	0.1691		mg/Kg		85	70 - 130		
o-Xylene	<0.00199	U	0.0998	0.09200		mg/Kg		92	70 - 130		

QC Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17086-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 890-2568-A-8-B MS
Matrix: Solid
Analysis Batch: 30015

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 30077

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

Lab Sample ID: 890-2568-A-8-C MSD
Matrix: Solid
Analysis Batch: 30015

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 30077

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.100	0.08604		mg/Kg		86	70 - 130	6	35
Toluene	<0.00199	U	0.100	0.08246		mg/Kg		82	70 - 130	5	35
Ethylbenzene	<0.00199	U	0.100	0.08309		mg/Kg		83	70 - 130	4	35
m-Xylene & p-Xylene	<0.00398	U	0.201	0.1753		mg/Kg		87	70 - 130	4	35
o-Xylene	<0.00199	U	0.100	0.09497		mg/Kg		95	70 - 130	3	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: MB 880-30102/5-A
Matrix: Solid
Analysis Batch: 30094

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30102

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/20/22 09:20	07/20/22 11:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/20/22 09:20	07/20/22 11:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/20/22 09:20	07/20/22 11:30	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/20/22 09:20	07/20/22 11:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/20/22 09:20	07/20/22 11:30	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/20/22 09:20	07/20/22 11:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	07/20/22 09:20	07/20/22 11:30	1
1,4-Difluorobenzene (Surr)	87		70 - 130	07/20/22 09:20	07/20/22 11:30	1

Lab Sample ID: LCS 880-30102/1-A
Matrix: Solid
Analysis Batch: 30094

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30102

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08524		mg/Kg		85	70 - 130
Toluene	0.100	0.08386		mg/Kg		84	70 - 130
Ethylbenzene	0.100	0.08935		mg/Kg		89	70 - 130
m-Xylene & p-Xylene	0.200	0.1789		mg/Kg		89	70 - 130
o-Xylene	0.100	0.09910		mg/Kg		99	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17086-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-30102/1-A
Matrix: Solid
Analysis Batch: 30094

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30102

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

Lab Sample ID: LCSD 880-30102/2-A
Matrix: Solid
Analysis Batch: 30094

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30102

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.08401		mg/Kg		84	70 - 130	1	35
Toluene			0.100	0.08428		mg/Kg		84	70 - 130	0	35
Ethylbenzene			0.100	0.08928		mg/Kg		89	70 - 130	0	35
m-Xylene & p-Xylene			0.200	0.1786		mg/Kg		89	70 - 130	0	35
o-Xylene			0.100	0.09915		mg/Kg		99	70 - 130	0	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: 890-2568-A-10-E MS
Matrix: Solid
Analysis Batch: 30094

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 30102

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00198	U	0.0998	0.07997		mg/Kg		80	70 - 130		
Toluene	<0.00198	U	0.0998	0.08127		mg/Kg		81	70 - 130		
Ethylbenzene	<0.00198	U	0.0998	0.08514		mg/Kg		85	70 - 130		
m-Xylene & p-Xylene	<0.00397	U	0.200	0.1699		mg/Kg		84	70 - 130		
o-Xylene	<0.00198	U	0.0998	0.09401		mg/Kg		94	70 - 130		

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

Lab Sample ID: 890-2568-A-10-F MSD
Matrix: Solid
Analysis Batch: 30094

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 30102

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.100	0.09014		mg/Kg		90	70 - 130	12	35
Toluene	<0.00198	U	0.100	0.09002		mg/Kg		89	70 - 130	10	35
Ethylbenzene	<0.00198	U	0.100	0.09620		mg/Kg		95	70 - 130	12	35
m-Xylene & p-Xylene	<0.00397	U	0.200	0.1923		mg/Kg		95	70 - 130	12	35
o-Xylene	<0.00198	U	0.100	0.1065		mg/Kg		106	70 - 130	12	35

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

QC Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17086-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-30078/1-A
Matrix: Solid
Analysis Batch: 30051

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30078

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		07/19/22 16:05	07/19/22 22:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/19/22 16:05	07/19/22 22:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/19/22 16:05	07/19/22 22:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*134*	*S1+*	*70 - 130*	*07/19/22 16:05*	*07/19/22 22:32*	*1*
o-Terphenyl	*161*	*S1+*	*70 - 130*	*07/19/22 16:05*	*07/19/22 22:32*	*1*

Lab Sample ID: LCS 880-30078/2-A
Matrix: Solid
Analysis Batch: 30051

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30078

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1185		mg/Kg		119	70 - 130
Diesel Range Organics (Over C10-C28)	1000	968.4		mg/Kg		97	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*108*		*70 - 130*
o-Terphenyl	*120*		*70 - 130*

Lab Sample ID: LCSD 880-30078/3-A
Matrix: Solid
Analysis Batch: 30051

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30078

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	884.9	*1	mg/Kg		88	70 - 130	29	20
Diesel Range Organics (Over C10-C28)	1000	866.7		mg/Kg		87	70 - 130	11	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*95*		*70 - 130*
o-Terphenyl	*102*		*70 - 130*

Lab Sample ID: 890-2568-A-6-D MS
Matrix: Solid
Analysis Batch: 30051

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 30078

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	1000	870.3		mg/Kg		87	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	731.5		mg/Kg		73	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17086-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 890-2568-A-6-D MS
Matrix: Solid
Analysis Batch: 30051

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 30078

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	88		70 - 130
o-Terphenyl	91		70 - 130

Lab Sample ID: 890-2568-A-6-E MSD
Matrix: Solid
Analysis Batch: 30051

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 30078

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	<50.0	U *1	999	907.8		mg/Kg		91	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	733.2		mg/Kg		73	70 - 130	0	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	87		70 - 130
o-Terphenyl	91		70 - 130

Lab Sample ID: MB 880-30080/1-A
Matrix: Solid
Analysis Batch: 30146

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30080

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		07/19/22 16:15	07/20/22 15:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/19/22 16:15	07/20/22 15:46	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/19/22 16:15	07/20/22 15:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	141	S1+	70 - 130	07/19/22 16:15	07/20/22 15:46	1
o-Terphenyl	168	S1+	70 - 130	07/19/22 16:15	07/20/22 15:46	1

Lab Sample ID: LCS 880-30080/2-A
Matrix: Solid
Analysis Batch: 30146

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30080

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1334	*+	mg/Kg		133	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1530	*+	mg/Kg		153	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	150	S1+	70 - 130
o-Terphenyl	149	S1+	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17086-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-30080/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 30146 — **Prep Batch: 30080**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1032	*1	mg/Kg		103	70 - 130	26	20
Diesel Range Organics (Over C10-C28)			1000	1144	*1	mg/Kg		114	70 - 130	29	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*114*		*70 - 130*
o-Terphenyl	*115*		*70 - 130*

Lab Sample ID: 880-17086-11 MS — **Client Sample ID: H-1 (-0-0.5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 30146 — **Prep Batch: 30080**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1 *+	1000	983.6		mg/Kg		96	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U *1 *+	1000	843.1		mg/Kg		84	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*87*		*70 - 130*
o-Terphenyl	*85*		*70 - 130*

Lab Sample ID: 880-17086-11 MSD — **Client Sample ID: H-1 (-0-0.5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 30146 — **Prep Batch: 30080**

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	<50.0	U *1 *+	999	989.4		mg/Kg		97	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U *1 *+	999	863.0		mg/Kg		86	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*88*		*70 - 130*
o-Terphenyl	*87*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-30085/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30175

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			07/20/22 14:32	1

QC Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17086-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-30085/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30175

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	255.6		mg/Kg		102	90 - 110		

Lab Sample ID: LCSD 880-30085/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30175

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	255.5		mg/Kg		102	90 - 110	0	20

Lab Sample ID: 880-17086-1 MS — **Client Sample ID: S-1 (0-1')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30175

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	50.6		253	317.2		mg/Kg		106	90 - 110		

Lab Sample ID: 880-17086-1 MSD — **Client Sample ID: S-1 (0-1')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30175

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	50.6		253	315.8		mg/Kg		105	90 - 110	0	20

Lab Sample ID: 880-17086-11 MS — **Client Sample ID: H-1 (-0-0.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30175

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	<4.99	U	250	276.3		mg/Kg		110	90 - 110		

Lab Sample ID: 880-17086-11 MSD — **Client Sample ID: H-1 (-0-0.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30175

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<4.99	U	249	275.8		mg/Kg		110	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17086-1
SDG: Lea County, New Mexico

GC VOA

Prep Batch: 29817

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17086-1	S-1 (0-1')	Total/NA	Solid	5035	
880-17086-2	S-1 (1.5')	Total/NA	Solid	5035	
880-17086-3	S-1 (2')	Total/NA	Solid	5035	
880-17086-4	S-1 (3')	Total/NA	Solid	5035	
880-17086-5	S-1 (4')	Total/NA	Solid	5035	
MB 880-29817/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-29817/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-29817/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2539-A-1-E MS	Matrix Spike	Total/NA	Solid	5035	
890-2539-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 29947

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-29947/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 30015

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17086-6	S-1 (5')	Total/NA	Solid	8021B	30077
880-17086-8	S-2 (1.5')	Total/NA	Solid	8021B	30077
880-17086-10	S-3 (1.5')	Total/NA	Solid	8021B	30077
880-17086-11	H-1 (-0-0.5')	Total/NA	Solid	8021B	30077
880-17086-12	H-2 (-0-0.5')	Total/NA	Solid	8021B	30077
880-17086-13	H-3 (-0-0.5')	Total/NA	Solid	8021B	30077
880-17086-14	H-4 (-0-0.5')	Total/NA	Solid	8021B	30077
MB 880-29947/5-A	Method Blank	Total/NA	Solid	8021B	29947
MB 880-30077/5-A	Method Blank	Total/NA	Solid	8021B	30077
LCS 880-30077/1-A	Lab Control Sample	Total/NA	Solid	8021B	30077
LCSD 880-30077/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	30077
890-2568-A-8-B MS	Matrix Spike	Total/NA	Solid	8021B	30077
890-2568-A-8-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	30077

Prep Batch: 30077

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17086-6	S-1 (5')	Total/NA	Solid	5035	
880-17086-8	S-2 (1.5')	Total/NA	Solid	5035	
880-17086-10	S-3 (1.5')	Total/NA	Solid	5035	
880-17086-11	H-1 (-0-0.5')	Total/NA	Solid	5035	
880-17086-12	H-2 (-0-0.5')	Total/NA	Solid	5035	
880-17086-13	H-3 (-0-0.5')	Total/NA	Solid	5035	
880-17086-14	H-4 (-0-0.5')	Total/NA	Solid	5035	
MB 880-30077/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-30077/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-30077/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2568-A-8-B MS	Matrix Spike	Total/NA	Solid	5035	
890-2568-A-8-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 30094

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17086-1	S-1 (0-1')	Total/NA	Solid	8021B	30102
880-17086-2	S-1 (1.5')	Total/NA	Solid	8021B	30102
880-17086-3	S-1 (2')	Total/NA	Solid	8021B	30102

QC Association Summary

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17086-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 30094 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17086-4	S-1 (3')	Total/NA	Solid	8021B	30102
880-17086-5	S-1 (4')	Total/NA	Solid	8021B	30102
880-17086-7	S-2 (0-1')	Total/NA	Solid	8021B	30102
880-17086-8	S-2 (1.5')	Total/NA	Solid	8021B	30102
880-17086-9	S-3 (0-1')	Total/NA	Solid	8021B	30102
MB 880-30102/5-A	Method Blank	Total/NA	Solid	8021B	30102
LCS 880-30102/1-A	Lab Control Sample	Total/NA	Solid	8021B	30102
LCSD 880-30102/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	30102
890-2568-A-10-E MS	Matrix Spike	Total/NA	Solid	8021B	30102
890-2568-A-10-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	30102

Analysis Batch: 30096

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17086-1	S-1 (0-1')	Total/NA	Solid	8021B	29817
880-17086-2	S-1 (1.5')	Total/NA	Solid	8021B	29817
880-17086-3	S-1 (2')	Total/NA	Solid	8021B	29817
880-17086-4	S-1 (3')	Total/NA	Solid	8021B	29817
880-17086-5	S-1 (4')	Total/NA	Solid	8021B	29817
MB 880-29817/5-A	Method Blank	Total/NA	Solid	8021B	29817
LCS 880-29817/1-A	Lab Control Sample	Total/NA	Solid	8021B	29817
LCSD 880-29817/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	29817
890-2539-A-1-E MS	Matrix Spike	Total/NA	Solid	8021B	29817
890-2539-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	29817

Prep Batch: 30102

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17086-1	S-1 (0-1')	Total/NA	Solid	5035	
880-17086-2	S-1 (1.5')	Total/NA	Solid	5035	
880-17086-3	S-1 (2')	Total/NA	Solid	5035	
880-17086-4	S-1 (3')	Total/NA	Solid	5035	
880-17086-5	S-1 (4')	Total/NA	Solid	5035	
880-17086-7	S-2 (0-1')	Total/NA	Solid	5035	
880-17086-8	S-2 (1.5')	Total/NA	Solid	5035	
880-17086-9	S-3 (0-1')	Total/NA	Solid	5035	
MB 880-30102/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-30102/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-30102/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2568-A-10-E MS	Matrix Spike	Total/NA	Solid	5035	
890-2568-A-10-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 30138

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17086-1	S-1 (0-1')	Total/NA	Solid	Total BTEX	
880-17086-2	S-1 (1.5')	Total/NA	Solid	Total BTEX	
880-17086-3	S-1 (2')	Total/NA	Solid	Total BTEX	
880-17086-4	S-1 (3')	Total/NA	Solid	Total BTEX	
880-17086-5	S-1 (4')	Total/NA	Solid	Total BTEX	
880-17086-6	S-1 (5')	Total/NA	Solid	Total BTEX	
880-17086-7	S-2 (0-1')	Total/NA	Solid	Total BTEX	
880-17086-8	S-2 (1.5')	Total/NA	Solid	Total BTEX	
880-17086-9	S-3 (0-1')	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17086-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 30138 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17086-10	S-3 (1.5')	Total/NA	Solid	Total BTEX	
880-17086-11	H-1 (-0-0.5')	Total/NA	Solid	Total BTEX	
880-17086-12	H-2 (-0-0.5')	Total/NA	Solid	Total BTEX	
880-17086-13	H-3 (-0-0.5')	Total/NA	Solid	Total BTEX	
880-17086-14	H-4 (-0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 30051

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17086-1	S-1 (0-1')	Total/NA	Solid	8015B NM	30078
880-17086-2	S-1 (1.5')	Total/NA	Solid	8015B NM	30078
880-17086-3	S-1 (2')	Total/NA	Solid	8015B NM	30078
880-17086-4	S-1 (3')	Total/NA	Solid	8015B NM	30078
880-17086-5	S-1 (4')	Total/NA	Solid	8015B NM	30078
880-17086-6	S-1 (5')	Total/NA	Solid	8015B NM	30078
880-17086-7	S-2 (0-1')	Total/NA	Solid	8015B NM	30078
880-17086-8	S-2 (1.5')	Total/NA	Solid	8015B NM	30078
880-17086-9	S-3 (0-1')	Total/NA	Solid	8015B NM	30078
MB 880-30078/1-A	Method Blank	Total/NA	Solid	8015B NM	30078
LCS 880-30078/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	30078
LCSD 880-30078/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	30078
890-2568-A-6-D MS	Matrix Spike	Total/NA	Solid	8015B NM	30078
890-2568-A-6-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	30078

Prep Batch: 30078

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17086-1	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-17086-2	S-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-17086-3	S-1 (2')	Total/NA	Solid	8015NM Prep	
880-17086-4	S-1 (3')	Total/NA	Solid	8015NM Prep	
880-17086-5	S-1 (4')	Total/NA	Solid	8015NM Prep	
880-17086-6	S-1 (5')	Total/NA	Solid	8015NM Prep	
880-17086-7	S-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-17086-8	S-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-17086-9	S-3 (0-1')	Total/NA	Solid	8015NM Prep	
MB 880-30078/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-30078/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-30078/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2568-A-6-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-2568-A-6-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 30080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17086-10	S-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-17086-11	H-1 (-0-0.5')	Total/NA	Solid	8015NM Prep	
880-17086-12	H-2 (-0-0.5')	Total/NA	Solid	8015NM Prep	
880-17086-13	H-3 (-0-0.5')	Total/NA	Solid	8015NM Prep	
880-17086-14	H-4 (-0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-30080/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-30080/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17086-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 30080 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-30080/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-17086-11 MS	H-1 (-0-0.5')	Total/NA	Solid	8015NM Prep	
880-17086-11 MSD	H-1 (-0-0.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 30141

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17086-1	S-1 (0-1')	Total/NA	Solid	8015 NM	
880-17086-2	S-1 (1.5')	Total/NA	Solid	8015 NM	
880-17086-3	S-1 (2')	Total/NA	Solid	8015 NM	
880-17086-4	S-1 (3')	Total/NA	Solid	8015 NM	
880-17086-5	S-1 (4')	Total/NA	Solid	8015 NM	
880-17086-6	S-1 (5')	Total/NA	Solid	8015 NM	
880-17086-7	S-2 (0-1')	Total/NA	Solid	8015 NM	
880-17086-8	S-2 (1.5')	Total/NA	Solid	8015 NM	
880-17086-9	S-3 (0-1')	Total/NA	Solid	8015 NM	
880-17086-10	S-3 (1.5')	Total/NA	Solid	8015 NM	
880-17086-11	H-1 (-0-0.5')	Total/NA	Solid	8015 NM	
880-17086-12	H-2 (-0-0.5')	Total/NA	Solid	8015 NM	
880-17086-13	H-3 (-0-0.5')	Total/NA	Solid	8015 NM	
880-17086-14	H-4 (-0-0.5')	Total/NA	Solid	8015 NM	

Analysis Batch: 30146

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17086-10	S-3 (1.5')	Total/NA	Solid	8015B NM	30080
880-17086-11	H-1 (-0-0.5')	Total/NA	Solid	8015B NM	30080
880-17086-12	H-2 (-0-0.5')	Total/NA	Solid	8015B NM	30080
880-17086-13	H-3 (-0-0.5')	Total/NA	Solid	8015B NM	30080
880-17086-14	H-4 (-0-0.5')	Total/NA	Solid	8015B NM	30080
MB 880-30080/1-A	Method Blank	Total/NA	Solid	8015B NM	30080
LCS 880-30080/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	30080
LCSD 880-30080/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	30080
880-17086-11 MS	H-1 (-0-0.5')	Total/NA	Solid	8015B NM	30080
880-17086-11 MSD	H-1 (-0-0.5')	Total/NA	Solid	8015B NM	30080

HPLC/IC

Leach Batch: 30085

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17086-1	S-1 (0-1')	Soluble	Solid	DI Leach	
880-17086-2	S-1 (1.5')	Soluble	Solid	DI Leach	
880-17086-3	S-1 (2')	Soluble	Solid	DI Leach	
880-17086-4	S-1 (3')	Soluble	Solid	DI Leach	
880-17086-5	S-1 (4')	Soluble	Solid	DI Leach	
880-17086-6	S-1 (5')	Soluble	Solid	DI Leach	
880-17086-7	S-2 (0-1')	Soluble	Solid	DI Leach	
880-17086-8	S-2 (1.5')	Soluble	Solid	DI Leach	
880-17086-9	S-3 (0-1')	Soluble	Solid	DI Leach	
880-17086-10	S-3 (1.5')	Soluble	Solid	DI Leach	
880-17086-11	H-1 (-0-0.5')	Soluble	Solid	DI Leach	
880-17086-12	H-2 (-0-0.5')	Soluble	Solid	DI Leach	
880-17086-13	H-3 (-0-0.5')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17086-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 30085 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17086-14	H-4 (-0-0.5')	Soluble	Solid	DI Leach	
MB 880-30085/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-30085/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-30085/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-17086-1 MS	S-1 (0-1')	Soluble	Solid	DI Leach	
880-17086-1 MSD	S-1 (0-1')	Soluble	Solid	DI Leach	
880-17086-11 MS	H-1 (-0-0.5')	Soluble	Solid	DI Leach	
880-17086-11 MSD	H-1 (-0-0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 30175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17086-1	S-1 (0-1')	Soluble	Solid	300.0	30085
880-17086-2	S-1 (1.5')	Soluble	Solid	300.0	30085
880-17086-3	S-1 (2')	Soluble	Solid	300.0	30085
880-17086-4	S-1 (3')	Soluble	Solid	300.0	30085
880-17086-5	S-1 (4')	Soluble	Solid	300.0	30085
880-17086-6	S-1 (5')	Soluble	Solid	300.0	30085
880-17086-7	S-2 (0-1')	Soluble	Solid	300.0	30085
880-17086-8	S-2 (1.5')	Soluble	Solid	300.0	30085
880-17086-9	S-3 (0-1')	Soluble	Solid	300.0	30085
880-17086-10	S-3 (1.5')	Soluble	Solid	300.0	30085
880-17086-11	H-1 (-0-0.5')	Soluble	Solid	300.0	30085
880-17086-12	H-2 (-0-0.5')	Soluble	Solid	300.0	30085
880-17086-13	H-3 (-0-0.5')	Soluble	Solid	300.0	30085
880-17086-14	H-4 (-0-0.5')	Soluble	Solid	300.0	30085
MB 880-30085/1-A	Method Blank	Soluble	Solid	300.0	30085
LCS 880-30085/2-A	Lab Control Sample	Soluble	Solid	300.0	30085
LCSD 880-30085/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	30085
880-17086-1 MS	S-1 (0-1')	Soluble	Solid	300.0	30085
880-17086-1 MSD	S-1 (0-1')	Soluble	Solid	300.0	30085
880-17086-11 MS	H-1 (-0-0.5')	Soluble	Solid	300.0	30085
880-17086-11 MSD	H-1 (-0-0.5')	Soluble	Solid	300.0	30085

Lab Chronicle

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17086-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-17086-1
Matrix: Solid
Date Collected: 07/18/22 00:00
Date Received: 07/19/22 12:05

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	29817	07/19/22 17:00	MR	XEN MID
Total/NA	Analysis	8021B		5000	5 mL	5 mL	30096	07/20/22 14:57	MR	XEN MID
Total/NA	Prep	5035			4.99 g	5 mL	30102	07/20/22 09:20	MR	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	30094	07/20/22 12:33	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30138	07/20/22 12:36	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30141	07/20/22 12:51	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30078	07/19/22 16:05	DM	XEN MID
Total/NA	Analysis	8015B NM		5			30051	07/20/22 05:25	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	30085	07/19/22 19:02	SMC	XEN MID
Soluble	Analysis	300.0		1			30175	07/20/22 15:00	CH	XEN MID

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-17086-2
Matrix: Solid
Date Collected: 07/18/22 00:00
Date Received: 07/19/22 12:05

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	29817	07/19/22 17:00	MR	XEN MID
Total/NA	Analysis	8021B		5000	5 mL	5 mL	30096	07/20/22 15:18	MR	XEN MID
Total/NA	Prep	5035			5.01 g	5 mL	30102	07/20/22 09:20	MR	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	30094	07/20/22 12:53	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30138	07/20/22 12:36	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30141	07/20/22 12:51	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	30078	07/19/22 16:05	DM	XEN MID
Total/NA	Analysis	8015B NM		5			30051	07/20/22 05:46	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	30085	07/19/22 19:02	SMC	XEN MID
Soluble	Analysis	300.0		1			30175	07/20/22 15:27	CH	XEN MID

Client Sample ID: S-1 (2')

Lab Sample ID: 880-17086-3
Matrix: Solid
Date Collected: 07/18/22 00:00
Date Received: 07/19/22 12:05

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	29817	07/19/22 17:00	MR	XEN MID
Total/NA	Analysis	8021B		5000	5 mL	5 mL	30096	07/20/22 15:38	MR	XEN MID
Total/NA	Prep	5035			5.03 g	5 mL	30102	07/20/22 09:20	MR	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	30094	07/20/22 13:14	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30138	07/20/22 12:36	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30141	07/20/22 12:51	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30078	07/19/22 16:05	DM	XEN MID
Total/NA	Analysis	8015B NM		5			30051	07/20/22 06:07	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	30085	07/19/22 19:02	SMC	XEN MID
Soluble	Analysis	300.0		1			30175	07/20/22 15:37	CH	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17086-1
SDG: Lea County, New Mexico

Client Sample ID: S-1 (3')

Lab Sample ID: 880-17086-4
Matrix: Solid
Date Collected: 07/18/22 00:00
Date Received: 07/19/22 12:05

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	29817	07/19/22 17:00	MR	XEN MID
Total/NA	Analysis	8021B		5000	5 mL	5 mL	30096	07/20/22 15:59	MR	XEN MID
Total/NA	Prep	5035			5.01 g	5 mL	30102	07/20/22 09:20	MR	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	30094	07/20/22 13:34	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30138	07/20/22 12:36	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30141	07/20/22 12:51	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	30078	07/19/22 16:05	DM	XEN MID
Total/NA	Analysis	8015B NM		5			30051	07/20/22 06:28	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	30085	07/19/22 19:02	SMC	XEN MID
Soluble	Analysis	300.0		1			30175	07/20/22 15:46	CH	XEN MID

Client Sample ID: S-1 (4')

Lab Sample ID: 880-17086-5
Matrix: Solid
Date Collected: 07/18/22 00:00
Date Received: 07/19/22 12:05

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	29817	07/19/22 17:00	MR	XEN MID
Total/NA	Analysis	8021B		5000	5 mL	5 mL	30096	07/20/22 16:19	MR	XEN MID
Total/NA	Prep	5035			4.99 g	5 mL	30102	07/20/22 09:20	MR	XEN MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	30094	07/20/22 13:55	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30138	07/20/22 12:36	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30141	07/20/22 12:51	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	30078	07/19/22 16:05	DM	XEN MID
Total/NA	Analysis	8015B NM		5			30051	07/20/22 06:49	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	30085	07/19/22 19:02	SMC	XEN MID
Soluble	Analysis	300.0		1			30175	07/20/22 15:55	CH	XEN MID

Client Sample ID: S-1 (5')

Lab Sample ID: 880-17086-6
Matrix: Solid
Date Collected: 07/18/22 00:00
Date Received: 07/19/22 12:05

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	30077	07/19/22 16:02	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30015	07/20/22 05:15	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30138	07/20/22 12:36	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30141	07/20/22 12:51	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30078	07/19/22 16:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30051	07/20/22 07:10	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	30085	07/19/22 19:02	SMC	XEN MID
Soluble	Analysis	300.0		1			30175	07/20/22 16:23	CH	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17086-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-17086-7
Matrix: Solid
Date Collected: 07/18/22 00:00
Date Received: 07/19/22 12:05

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	30102	07/20/22 09:20	MR	XEN MID
Total/NA	Analysis	8021B		5000	5 mL	5 mL	30094	07/20/22 14:15	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30138	07/20/22 12:36	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30141	07/20/22 12:51	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30078	07/19/22 16:05	DM	XEN MID
Total/NA	Analysis	8015B NM		5			30051	07/20/22 07:31	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	30085	07/19/22 19:02	SMC	XEN MID
Soluble	Analysis	300.0		1			30175	07/20/22 16:32	CH	XEN MID

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-17086-8
Matrix: Solid
Date Collected: 07/18/22 00:00
Date Received: 07/19/22 12:05

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	30077	07/19/22 16:02	MR	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	30015	07/20/22 07:38	MR	XEN MID
Total/NA	Prep	5035			5.03 g	5 mL	30102	07/20/22 09:20	MR	XEN MID
Total/NA	Analysis	8021B		5000	5 mL	5 mL	30094	07/20/22 14:36	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30138	07/20/22 12:36	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30141	07/20/22 12:51	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	30078	07/19/22 16:05	DM	XEN MID
Total/NA	Analysis	8015B NM		5			30051	07/20/22 07:53	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	30085	07/19/22 19:02	SMC	XEN MID
Soluble	Analysis	300.0		1			30175	07/20/22 16:41	CH	XEN MID

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

Lab Sample ID: 880-17086-9
Matrix: Solid
Date Collected: 07/18/22 00:00
Date Received: 07/19/22 12:05

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	30102	07/20/22 09:20	MR	XEN MID
Total/NA	Analysis	8021B		5000	5 mL	5 mL	30094	07/20/22 14:56	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30138	07/20/22 12:36	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30141	07/20/22 12:51	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	30078	07/19/22 16:05	DM	XEN MID
Total/NA	Analysis	8015B NM		5			30051	07/20/22 08:14	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	30085	07/19/22 19:02	SMC	XEN MID
Soluble	Analysis	300.0		1			30175	07/20/22 16:50	CH	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17086-1
SDG: Lea County, New Mexico

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-17086-10
Matrix: Solid
Date Collected: 07/18/22 00:00
Date Received: 07/19/22 12:05

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	30077	07/19/22 16:02	MR	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	30015	07/20/22 08:19	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30138	07/20/22 12:36	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30141	07/20/22 12:51	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30080	07/19/22 16:15	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30146	07/20/22 17:59	SM	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	30085	07/19/22 19:02	SMC	XEN MID
Soluble	Analysis	300.0		1			30175	07/20/22 17:00	CH	XEN MID

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

Lab Sample ID: 880-17086-11
Matrix: Solid
Date Collected: 07/18/22 00:00
Date Received: 07/19/22 12:05

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	30077	07/19/22 16:02	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30015	07/20/22 05:35	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30138	07/20/22 12:36	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30141	07/20/22 12:51	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30080	07/19/22 16:15	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30146	07/20/22 16:51	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	30085	07/19/22 19:02	SMC	XEN MID
Soluble	Analysis	300.0		1			30175	07/20/22 17:09	CH	XEN MID

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

Lab Sample ID: 880-17086-12
Matrix: Solid
Date Collected: 07/18/22 00:00
Date Received: 07/19/22 12:05

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	30077	07/19/22 16:02	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30015	07/20/22 05:56	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30138	07/20/22 12:36	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30141	07/20/22 12:51	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30080	07/19/22 16:15	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30146	07/20/22 18:21	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	30085	07/19/22 19:02	SMC	XEN MID
Soluble	Analysis	300.0		1			30175	07/20/22 17:37	CH	XEN MID

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

Lab Sample ID: 880-17086-13
Matrix: Solid
Date Collected: 07/18/22 00:00
Date Received: 07/19/22 12:05

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	30077	07/19/22 16:02	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30015	07/20/22 06:16	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30138	07/20/22 12:36	SM	XEN MID

Lab Chronicle

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17086-1
SDG: Lea County, New Mexico

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

Date Collected: 07/18/22 00:00
Date Received: 07/19/22 12:05

Lab Sample ID: 880-17086-13

Matrix: Solid

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			30141	07/20/22 12:51	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30080	07/19/22 16:15	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30146	07/20/22 18:43	SM	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	30085	07/19/22 19:02	SMC	XEN MID
Soluble	Analysis	300.0		1			30175	07/20/22 17:46	CH	XEN MID

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

Date Collected: 07/18/22 00:00
Date Received: 07/19/22 12:05

Lab Sample ID: 880-17086-14

Matrix: Solid

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	30077	07/19/22 16:02	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30015	07/20/22 06:37	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30138	07/20/22 12:36	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30141	07/20/22 12:51	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30080	07/19/22 16:15	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30146	07/20/22 19:04	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	30085	07/19/22 19:02	SMC	XEN MID
Soluble	Analysis	300.0		1			30175	07/20/22 18:14	CH	XEN MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17086-1
SDG: Lea County, New Mexico

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	T104704400-22-24	06-30-23

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	OII 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: West Corbin Fed Battery

Job ID: 880-17086-1
SDG: Lea County, New Mexico

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

Protocol References:

ASTM = ASTM International

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

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17086-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-17086-1	S-1 (0-1')	Solid	07/18/22 00:00	07/19/22 12:05
880-17086-2	S-1 (1.5')	Solid	07/18/22 00:00	07/19/22 12:05
880-17086-3	S-1 (2')	Solid	07/18/22 00:00	07/19/22 12:05
880-17086-4	S-1 (3')	Solid	07/18/22 00:00	07/19/22 12:05
880-17086-5	S-1 (4')	Solid	07/18/22 00:00	07/19/22 12:05
880-17086-6	S-1 (5')	Solid	07/18/22 00:00	07/19/22 12:05
880-17086-7	S-2 (0-1')	Solid	07/18/22 00:00	07/19/22 12:05
880-17086-8	S-2 (1.5')	Solid	07/18/22 00:00	07/19/22 12:05
880-17086-9	S-3 (0-1')	Solid	07/18/22 00:00	07/19/22 12:05
880-17086-10	S-3 (1.5')	Solid	07/18/22 00:00	07/19/22 12:05
880-17086-11	H-1 (-0-0.5')	Solid	07/18/22 00:00	07/19/22 12:05
880-17086-12	H-2 (-0-0.5')	Solid	07/18/22 00:00	07/19/22 12:05
880-17086-13	H-3 (-0-0.5')	Solid	07/18/22 00:00	07/19/22 12:05
880-17086-14	H-4 (-0-0.5')	Solid	07/18/22 00:00	07/19/22 12:05

Work Order No: 170846

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 Champion Dr
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland, Texas 79706
Phone	432-813-6823	Email	Todd_Wells@eogresources.com

Work Order Comments

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

State of Project:

Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables EDD ☐ ADaPT ☐ Other

Project Name	West Corbin Fed Battery	Turn Around	
Project Number		☐ Routine ☒ Rush	
Project Location	Lea County, New Mexico	Due Date	72 hrs
Sampler's Name	CRM		
PO #:			

SAMPLE RECEIPT				
Temp Blank	Yes (No)	Wet Ice	(Yes) No	
Received Intact:	(Yes) No	Thermometer ID	IR8	
Cooler Custody Seals	Yes No (N/A)	Correction Factor	-0	
Sample Custody Seals	Yes No (N/A)	Temperature Reading	3.5	
Total Containers:		Corrected Temperature	3.3	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0
S-1 (0-1')	7/18/2022		X		G	1	x	x	x
S-1 (1.5')	7/18/2022		X		G	1	x	x	x
S-1 (2')	7/18/2022		X		G	1	x	x	x
S-1 (3')	7/18/2022		X		G	1	x	x	x
S-1 (4')	7/18/2022		X		G	1	x	x	x
S-1 (5')	7/18/2022		X		G	1	x	x	x
S-2 (0-1')	7/18/2022		X		G	1	x	x	x
S-2 (1.5')	7/18/2022		X		G	1	x	x	x
S-2 (0-1')	7/18/2022		X		G	1	x	x	x
S-2 (1 5')	7/18/2022		X		G	1	x	x	x

Preservative Codes

None NO DI Water H_2O

Cool Cool MeOH Me

HCL HC HNO_3 HN

H_2SO_4 H_2 NaOH Na

H_3PO_4 HP

$NaHSO_4$ NABIS

$Na_2S_2O_3$ $NaSO_3$

Zn Acetate+NaOH Zn

NaOH+Ascorbic Acid SAPC

Sample Comments

880-17086 Chain of Custody

Comments:

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
Conner Moehring	7/19/22		7/19/22 1205

Work Order No: 170964

Page 2 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 Champion Dr
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland Texas 79706
Phone	432-813-6823	Email	Todd_Wells@eogresources.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ rownfields ☐ RC ☐ perfund ☐

State of Project:

Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables EDD ☐ ADaPT ☐ Other

Project Name	West Corbin Fed Battery	Turn Around	
Project Number		☐ Routine ☒ Rush	
Project Location	Lea County, New Mexico	Due Date	72 HRS
Sampler's Name	CRM		
PO #			

SAMPLE RECEIPT				
Temp Blank	Yes (No)	Wet Ice	(Yes) No	
Received Intact:	(Yes) No	Thermometer ID	IR9	
Cooler Custody Seals.	Yes No (N/A)	Correction Factor	-.2	
Sample Custody Seals	Yes No (N/A)	Temperature Reading	3.5	
Total Containers		Corrected Temperature	3.3	

ANALYSIS REQUEST

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0
H-1 (0-0.5')	7/18/2022		X		G	1		x	x	x
H-2 (0-0.5')	7/18/2022		X		G	1		x	x	x
H-3 (0-0.5')	7/18/2022		X		G	1		x	x	x
H-4 (0-0.5')	7/18/2022		X		G	1		x	x	x

Preservative Codes

None NO DI Water H_2O

Cool Cool MeOH Me

HCL. HC HNO_3 HN

H_2S0_4. H_2 NaOH Na

H_3PO_4 HP

$NaHSO_4$ NABIS

$Na_2S_2O_3$ $NaSO_3$

Zn Acetate+NaOH Zn

NaOH+Ascorbic Acid SAPC

Sample Comments

Comments:

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
Conner Moehring	7/19/22		7/19/22 1205

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-17086-1
SDG Number: Lea County, New Mexico

Login Number: 17086
List Number: 1
Creator: Teel, Brianna

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	

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ANALYTICAL REPORT

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

Laboratory Job ID: 880-17808-1
Laboratory Sample Delivery Group: Lea County, New Mexico
Client Project/Site: West Corbin Fed Battery

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

Attn: Conner Moehring

JKramer

Authorized for release by:
8/16/2022 6:08:00 PM

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

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Laboratory Job ID: 880-17808-1
SDG: Lea County, New Mexico

Table of Contents

Definitions/Glossary

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17808-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
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
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.
F2	MS/MSD RPD 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)
TNTC	Too Numerous To Count

Case Narrative

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17808-1
SDG: Lea County, New Mexico

Job ID: 880-17808-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-17808-1

Receipt
The samples were received on 8/8/2022 8:28 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 1.0°C

GC VOA
Method 8021B: Surrogate recovery for the following samples were outside control limits: T-1 (0-1') (880-17808-1), T-1 (1') (880-17808-2), T-1 (2') (880-17808-3) and T-1 (3') (880-17808-4). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: T-2 (0-1') (880-17808-7) and T-2 (1') (880-17808-8). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: T-1 (0-1') (880-17808-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

GC Semi VOA
Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: T-1 (0-1') (880-17808-1), T-1 (1') (880-17808-2), T-2 (0-1') (880-17808-7) and T-2 (1') (880-17808-8). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The method blank for preparation batch 880-31783 and analytical batch 880-31823 contained Gasoline Range Organics (GRO)-C6-C10 and OII Range Organics (Over C28-C36) above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

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

HPLC/IC
Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-31833 and analytical batch 880-31871 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.MSD misinjected.

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: West Corbin Fed Battery

Job ID: 880-17808-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (0-1')

Lab Sample ID: 880-17808-1
Matrix: Solid
Date Collected: 08/04/22 00:00
Date Received: 08/08/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0992	U	0.0992		mg/Kg		08/09/22 08:41	08/10/22 05:39	50
Toluene	**5.74**		0.0992		mg/Kg		08/09/22 08:41	08/10/22 05:39	50
Ethylbenzene	**28.2**		0.402		mg/Kg		08/10/22 14:27	08/10/22 19:26	200
m-Xylene & p-Xylene	**77.3**		0.805		mg/Kg		08/10/22 14:27	08/10/22 19:26	200
o-Xylene	**40.6**		0.402		mg/Kg		08/10/22 14:27	08/10/22 19:26	200
Xylenes, Total	**118**		0.805		mg/Kg		08/10/22 14:27	08/10/22 19:26	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*472*	*S1+*	*70 - 130*	*08/09/22 08:41*	*08/10/22 05:39*	*50*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*08/09/22 08:41*	*08/10/22 05:39*	*50*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**152**		0.805		mg/Kg			08/10/22 10:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**29200**		250		mg/Kg			08/10/22 09:17	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	**2590**		250		mg/Kg		08/08/22 14:50	08/10/22 04:07	5
Diesel Range Organics (Over C10-C28)	**21500**		250		mg/Kg		08/08/22 14:50	08/10/22 04:07	5
Oil Range Organics (Over C28-C36)	**5150**		250		mg/Kg		08/08/22 14:50	08/10/22 04:07	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*135*	*S1+*	*70 - 130*	*08/08/22 14:50*	*08/10/22 04:07*	*5*
o-Terphenyl	*93*		*70 - 130*	*08/08/22 14:50*	*08/10/22 04:07*	*5*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**52.7**		5.04		mg/Kg			08/09/22 20:58	1

Client Sample ID: T-1 (1')

Lab Sample ID: 880-17808-2
Matrix: Solid
Date Collected: 08/04/22 00:00
Date Received: 08/08/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101		mg/Kg		08/09/22 08:41	08/10/22 06:00	50
Toluene	**3.06**		0.101		mg/Kg		08/09/22 08:41	08/10/22 06:00	50
Ethylbenzene	**11.9**		0.101		mg/Kg		08/09/22 08:41	08/10/22 06:00	50
m-Xylene & p-Xylene	**32.9**		0.201		mg/Kg		08/09/22 08:41	08/10/22 06:00	50
o-Xylene	**17.4**		0.101		mg/Kg		08/09/22 08:41	08/10/22 06:00	50
Xylenes, Total	**50.3**		0.201		mg/Kg		08/09/22 08:41	08/10/22 06:00	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*323*	*S1+*	*70 - 130*	*08/09/22 08:41*	*08/10/22 06:00*	*50*
1,4-Difluorobenzene (Surr)	*72*		*70 - 130*	*08/09/22 08:41*	*08/10/22 06:00*	*50*

Client Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17808-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (1')

Lab Sample ID: 880-17808-2
Matrix: Solid
Date Collected: 08/04/22 00:00
Date Received: 08/08/22 08:28

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	65.3		0.201		mg/Kg			08/10/22 10:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	30000		249		mg/Kg			08/10/22 09:17	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	2790		249		mg/Kg		08/08/22 14:50	08/10/22 04:29	5
Diesel Range Organics (Over C10-C28)	22000		249		mg/Kg		08/08/22 14:50	08/10/22 04:29	5
Oil Range Organics (Over C28-C36)	5250		249		mg/Kg		08/08/22 14:50	08/10/22 04:29	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*144*	*S1+*	*70 - 130*	*08/08/22 14:50*	*08/10/22 04:29*	*5*
o-Terphenyl	*93*		*70 - 130*	*08/08/22 14:50*	*08/10/22 04:29*	*5*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.5		5.03		mg/Kg			08/09/22 21:08	1

Client Sample ID: T-1 (2')

Lab Sample ID: 880-17808-3
Matrix: Solid
Date Collected: 08/04/22 00:00
Date Received: 08/08/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0235		0.00200		mg/Kg		08/09/22 08:41	08/10/22 04:37	1
Toluene	1.87		0.401		mg/Kg		08/10/22 14:27	08/10/22 19:46	200
Ethylbenzene	4.17		0.401		mg/Kg		08/10/22 14:27	08/10/22 19:46	200
m-Xylene & p-Xylene	5.60		0.802		mg/Kg		08/10/22 14:27	08/10/22 19:46	200
o-Xylene	2.64		0.401		mg/Kg		08/10/22 14:27	08/10/22 19:46	200
Xylenes, Total	8.24		0.802		mg/Kg		08/10/22 14:27	08/10/22 19:46	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*705*	*S1+*	*70 - 130*	*08/09/22 08:41*	*08/10/22 04:37*	*1*
1,4-Difluorobenzene (Surr)	*74*		*70 - 130*	*08/09/22 08:41*	*08/10/22 04:37*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	14.3		0.802		mg/Kg			08/10/22 10:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1350		50.0		mg/Kg			08/10/22 09:17	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	335		50.0		mg/Kg		08/08/22 14:50	08/10/22 05:32	1

Client Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17808-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (2')

Lab Sample ID: 880-17808-3
Matrix: Solid
Date Collected: 08/04/22 00:00
Date Received: 08/08/22 08:28

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)	742		50.0		mg/Kg		08/08/22 14:50	08/10/22 05:32	1
Oil Range Organics (Over C28-C36)	276		50.0		mg/Kg		08/08/22 14:50	08/10/22 05:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*08/08/22 14:50*	*08/10/22 05:32*	*1*
o-Terphenyl	*97*		*70 - 130*	*08/08/22 14:50*	*08/10/22 05:32*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.9		4.98		mg/Kg			08/09/22 21:17	1

Client Sample ID: T-1 (3')

Lab Sample ID: 880-17808-4
Matrix: Solid
Date Collected: 08/04/22 00:00
Date Received: 08/08/22 08:28

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.573		0.0998		mg/Kg		08/09/22 08:41	08/10/22 06:20	50
Toluene	10.4		0.0998		mg/Kg		08/09/22 08:41	08/10/22 06:20	50
Ethylbenzene	9.55		0.0998		mg/Kg		08/09/22 08:41	08/10/22 06:20	50
m-Xylene & p-Xylene	11.5		0.200		mg/Kg		08/09/22 08:41	08/10/22 06:20	50
o-Xylene	5.11		0.0998		mg/Kg		08/09/22 08:41	08/10/22 06:20	50
Xylenes, Total	16.6		0.200		mg/Kg		08/09/22 08:41	08/10/22 06:20	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*173*	*S1+*	*70 - 130*	*08/09/22 08:41*	*08/10/22 06:20*	*50*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*08/09/22 08:41*	*08/10/22 06:20*	*50*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	37.1		0.200		mg/Kg			08/10/22 10:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1270		49.8		mg/Kg			08/10/22 09:17	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	279		49.8		mg/Kg		08/08/22 14:50	08/10/22 05:54	1
Diesel Range Organics (Over C10-C28)	792		49.8		mg/Kg		08/08/22 14:50	08/10/22 05:54	1
Oil Range Organics (Over C28-C36)	201		49.8		mg/Kg		08/08/22 14:50	08/10/22 05:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*08/08/22 14:50*	*08/10/22 05:54*	*1*
o-Terphenyl	*107*		*70 - 130*	*08/08/22 14:50*	*08/10/22 05:54*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17808-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (3')

Lab Sample ID: 880-17808-4
Matrix: Solid
Date Collected: 08/04/22 00:00
Date Received: 08/08/22 08:28

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.80		4.98		mg/Kg			08/09/22 21:26	1

Client Sample ID: T-1 (4')

Lab Sample ID: 880-17808-5
Matrix: Solid
Date Collected: 08/04/22 00:00
Date Received: 08/08/22 08:28

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		08/10/22 14:27	08/10/22 22:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/10/22 14:27	08/10/22 22:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/10/22 14:27	08/10/22 22:13	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/10/22 14:27	08/10/22 22:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/10/22 14:27	08/10/22 22:13	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/10/22 14:27	08/10/22 22:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*08/10/22 14:27*	*08/10/22 22:13*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*08/10/22 14:27*	*08/10/22 22:13*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/10/22 10:12	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			08/10/22 09:17	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		08/08/22 14:50	08/09/22 22:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/08/22 14:50	08/09/22 22:25	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/08/22 14:50	08/09/22 22:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*08/08/22 14:50*	*08/09/22 22:25*	*1*
o-Terphenyl	*119*		*70 - 130*	*08/08/22 14:50*	*08/09/22 22:25*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.6		5.02		mg/Kg			08/09/22 21:35	1

Client Sample ID: T-1 (5')

Lab Sample ID: 880-17808-6
Matrix: Solid
Date Collected: 08/04/22 00:00
Date Received: 08/08/22 08:28

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		08/09/22 08:41	08/10/22 09:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/09/22 08:41	08/10/22 09:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/09/22 08:41	08/10/22 09:54	1

Client Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17808-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (5')

Lab Sample ID: 880-17808-6
Matrix: Solid
Date Collected: 08/04/22 00:00
Date Received: 08/08/22 08:28

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		08/09/22 08:41	08/10/22 09:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/09/22 08:41	08/10/22 09:54	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/09/22 08:41	08/10/22 09:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*08/09/22 08:41*	*08/10/22 09:54*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*08/09/22 08:41*	*08/10/22 09:54*	*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			08/10/22 10:12	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			08/10/22 09:17	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		08/08/22 14:50	08/09/22 23:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/08/22 14:50	08/09/22 23:28	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/08/22 14:50	08/09/22 23:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*08/08/22 14:50*	*08/09/22 23:28*	*1*
o-Terphenyl	*113*		*70 - 130*	*08/08/22 14:50*	*08/09/22 23:28*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13.3**		4.98		mg/Kg			08/09/22 22:03	1

Client Sample ID: T-2 (0-1')

Lab Sample ID: 880-17808-7
Matrix: Solid
Date Collected: 08/04/22 00:00
Date Received: 08/08/22 08:28

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		08/09/22 08:41	08/10/22 12:40	50
Toluene	**2.36**		0.0998		mg/Kg		08/09/22 08:41	08/10/22 12:40	50
Ethylbenzene	**11.1**		0.0998		mg/Kg		08/09/22 08:41	08/10/22 12:40	50
m-Xylene & p-Xylene	**32.1**		0.200		mg/Kg		08/09/22 08:41	08/10/22 12:40	50
o-Xylene	**17.6**		0.0998		mg/Kg		08/09/22 08:41	08/10/22 12:40	50
Xylenes, Total	**49.7**		0.200		mg/Kg		08/09/22 08:41	08/10/22 12:40	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*339*	*S1+*	*70 - 130*	*08/09/22 08:41*	*08/10/22 12:40*	*50*
1,4-Difluorobenzene (Surr)	*76*		*70 - 130*	*08/09/22 08:41*	*08/10/22 12:40*	*50*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**63.2**		0.200		mg/Kg			08/10/22 10:12	1

Client Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17808-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (0-1')

Lab Sample ID: 880-17808-7
Matrix: Solid
Date Collected: 08/04/22 00:00
Date Received: 08/08/22 08:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	29400		250		mg/Kg			08/10/22 09:17	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	2570		250		mg/Kg		08/08/22 14:50	08/10/22 04:50	5
Diesel Range Organics (Over C10-C28)	21700		250		mg/Kg		08/08/22 14:50	08/10/22 04:50	5
Oil Range Organics (Over C28-C36)	5130		250		mg/Kg		08/08/22 14:50	08/10/22 04:50	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*144*	*S1+*	*70 - 130*	*08/08/22 14:50*	*08/10/22 04:50*	*5*
o-Terphenyl	*104*		*70 - 130*	*08/08/22 14:50*	*08/10/22 04:50*	*5*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	56.7		4.99		mg/Kg			08/09/22 22:12	1

Client Sample ID: T-2 (1')

Lab Sample ID: 880-17808-8
Matrix: Solid
Date Collected: 08/04/22 00:00
Date Received: 08/08/22 08:28

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		08/09/22 08:41	08/10/22 13:01	50
Toluene	4.38		0.100		mg/Kg		08/09/22 08:41	08/10/22 13:01	50
Ethylbenzene	17.8		0.100		mg/Kg		08/09/22 08:41	08/10/22 13:01	50
m-Xylene & p-Xylene	59.2		2.00		mg/Kg		08/09/22 08:41	08/16/22 18:24	500
o-Xylene	30.1		1.00		mg/Kg		08/09/22 08:41	08/16/22 18:24	500
Xylenes, Total	89.3		2.00		mg/Kg		08/09/22 08:41	08/16/22 18:24	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*440*	*S1+*	*70 - 130*	*08/09/22 08:41*	*08/10/22 13:01*	*50*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*08/09/22 08:41*	*08/10/22 13:01*	*50*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	111		2.00		mg/Kg			08/10/22 10:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	28900		250		mg/Kg			08/10/22 09:17	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	2880		250		mg/Kg		08/08/22 14:50	08/10/22 05:11	5
Diesel Range Organics (Over C10-C28)	21300		250		mg/Kg		08/08/22 14:50	08/10/22 05:11	5
Oil Range Organics (Over C28-C36)	4720		250		mg/Kg		08/08/22 14:50	08/10/22 05:11	5

Client Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17808-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (1')

Lab Sample ID: 880-17808-8
Matrix: Solid
Date Collected: 08/04/22 00:00
Date Received: 08/08/22 08:28

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	152	S1+	70 - 130	08/08/22 14:50	08/10/22 05:11	5
o-Terphenyl	100		70 - 130	08/08/22 14:50	08/10/22 05:11	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	59.5		5.01		mg/Kg			08/09/22 22:21	1

Client Sample ID: T-2 (2')

Lab Sample ID: 880-17808-9
Matrix: Solid
Date Collected: 08/04/22 00:00
Date Received: 08/08/22 08:28

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		08/09/22 08:41	08/10/22 10:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/09/22 08:41	08/10/22 10:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/09/22 08:41	08/10/22 10:15	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/09/22 08:41	08/10/22 10:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/09/22 08:41	08/10/22 10:15	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/09/22 08:41	08/10/22 10:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	08/09/22 08:41	08/10/22 10:15	1
1,4-Difluorobenzene (Surr)	102		70 - 130	08/09/22 08:41	08/10/22 10:15	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			08/10/22 10:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	106		49.9		mg/Kg			08/10/22 09:17	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		08/08/22 14:50	08/09/22 23:50	1
Diesel Range Organics (Over C10-C28)	106		49.9		mg/Kg		08/08/22 14:50	08/09/22 23:50	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/08/22 14:50	08/09/22 23:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	08/08/22 14:50	08/09/22 23:50	1
o-Terphenyl	114		70 - 130	08/08/22 14:50	08/09/22 23:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	79.2		5.04		mg/Kg			08/09/22 22:30	1

Client Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17808-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (3')

Lab Sample ID: 880-17808-10
Matrix: Solid
Date Collected: 08/04/22 00:00
Date Received: 08/08/22 08:28

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		08/09/22 08:41	08/10/22 10:36	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/09/22 08:41	08/10/22 10:36	1
Ethylbenzene	**0.00311**		0.00199		mg/Kg		08/09/22 08:41	08/10/22 10:36	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/09/22 08:41	08/10/22 10:36	1
o-Xylene	**0.00428**		0.00199		mg/Kg		08/09/22 08:41	08/10/22 10:36	1
Xylenes, Total	**0.00428**		0.00398		mg/Kg		08/09/22 08:41	08/10/22 10:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*08/09/22 08:41*	*08/10/22 10:36*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*08/09/22 08:41*	*08/10/22 10:36*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00739**		0.00398		mg/Kg			08/10/22 10:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**77.4**		49.9		mg/Kg			08/10/22 09:17	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		08/08/22 14:50	08/10/22 00:12	1
Diesel Range Organics (Over C10-C28)	**77.4**		49.9		mg/Kg		08/08/22 14:50	08/10/22 00:12	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/08/22 14:50	08/10/22 00:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*08/08/22 14:50*	*08/10/22 00:12*	*1*
o-Terphenyl	*107*		*70 - 130*	*08/08/22 14:50*	*08/10/22 00:12*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**41.5**		5.03		mg/Kg			08/09/22 22:40	1

Client Sample ID: T-2 (4')

Lab Sample ID: 880-17808-11
Matrix: Solid
Date Collected: 08/04/22 00:00
Date Received: 08/08/22 08:28

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		08/09/22 08:41	08/10/22 10:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/09/22 08:41	08/10/22 10:56	1
Ethylbenzene	**0.00586**		0.00200		mg/Kg		08/09/22 08:41	08/10/22 10:56	1
m-Xylene & p-Xylene	**0.0139**		0.00399		mg/Kg		08/09/22 08:41	08/10/22 10:56	1
o-Xylene	**0.0113**		0.00200		mg/Kg		08/09/22 08:41	08/10/22 10:56	1
Xylenes, Total	**0.0252**		0.00399		mg/Kg		08/09/22 08:41	08/10/22 10:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*08/09/22 08:41*	*08/10/22 10:56*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*08/09/22 08:41*	*08/10/22 10:56*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17808-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (4')

Lab Sample ID: 880-17808-11
Matrix: Solid
Date Collected: 08/04/22 00:00
Date Received: 08/08/22 08:28

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0311**		0.00399		mg/Kg			08/10/22 10:12	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			08/10/22 09:17	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		08/08/22 14:50	08/10/22 00:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/08/22 14:50	08/10/22 00:33	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/08/22 14:50	08/10/22 00:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*08/08/22 14:50*	*08/10/22 00:33*	*1*
o-Terphenyl	*100*		*70 - 130*	*08/08/22 14:50*	*08/10/22 00:33*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**32.4**		4.98		mg/Kg			08/09/22 22:49	1

Client Sample ID: T-2 (5')

Lab Sample ID: 880-17808-12
Matrix: Solid
Date Collected: 08/04/22 00:00
Date Received: 08/08/22 08:28

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		08/09/22 08:41	08/10/22 11:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/09/22 08:41	08/10/22 11:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/09/22 08:41	08/10/22 11:17	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/09/22 08:41	08/10/22 11:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/09/22 08:41	08/10/22 11:17	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/09/22 08:41	08/10/22 11:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*08/09/22 08:41*	*08/10/22 11:17*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*08/09/22 08:41*	*08/10/22 11:17*	*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			08/10/22 10:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/10/22 09:17	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	49.8		mg/Kg		08/08/22 14:50	08/10/22 00:54	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/08/22 14:50	08/10/22 00:54	1

Client Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17808-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (5')

Date Collected: 08/04/22 00:00
Date Received: 08/08/22 08:28

Lab Sample ID: 880-17808-12

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/08/22 14:50	08/10/22 00:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*08/08/22 14:50*	*08/10/22 00:54*	*1*
o-Terphenyl	*111*		*70 - 130*	*08/08/22 14:50*	*08/10/22 00:54*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11.6**		4.99		mg/Kg			08/09/22 22:58	1

Surrogate Summary

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17808-1
SDG: Lea County, New Mexico

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)
880-17597-A-2-F MS	Matrix Spike	96	103
880-17597-A-2-G MSD	Matrix Spike Duplicate	112	95
880-17808-1	T-1 (0-1')	472 S1+	84
880-17808-2	T-1 (1')	323 S1+	72
880-17808-3	T-1 (2')	705 S1+	74
880-17808-4	T-1 (3')	173 S1+	88
880-17808-5	T-1 (4')	98	101
880-17808-6	T-1 (5')	100	105
880-17808-7	T-2 (0-1')	339 S1+	76
880-17808-8	T-2 (1')	440 S1+	79
880-17808-9	T-2 (2')	112	102
880-17808-10	T-2 (3')	109	98
880-17808-11	T-2 (4')	120	89
880-17808-12	T-2 (5')	103	99
880-17916-A-1-B MS	Matrix Spike	100	98
880-17916-A-1-C MSD	Matrix Spike Duplicate	98	96
880-18062-A-1-E MS	Matrix Spike	101	105
880-18062-A-1-F MSD	Matrix Spike Duplicate	56 S1-	64 S1-
LCS 880-31834/1-A	Lab Control Sample	99	108
LCS 880-31915/1-A	Lab Control Sample	95	96
LCS 880-32250/1-A	Lab Control Sample	95	99
LCSD 880-31834/2-A	Lab Control Sample Dup	114	102
LCSD 880-31915/2-A	Lab Control Sample Dup	93	95
LCSD 880-32250/2-A	Lab Control Sample Dup	103	94
MB 880-31717/5-A	Method Blank	96	95
MB 880-31834/5-A	Method Blank	98	93
MB 880-31915/5-A	Method Blank	92	94
MB 880-32250/5-A	Method Blank	77	0.7 S1-

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)
880-17808-1	T-1 (0-1')	135 S1+	93
880-17808-2	T-1 (1')	144 S1+	93
880-17808-3	T-1 (2')	93	97
880-17808-4	T-1 (3')	101	107
880-17808-5	T-1 (4')	102	119
880-17808-5 MS	T-1 (4')	94	95
880-17808-5 MSD	T-1 (4')	96	98
880-17808-6	T-1 (5')	101	113
880-17808-7	T-2 (0-1')	144 S1+	104
880-17808-8	T-2 (1')	152 S1+	100
880-17808-9	T-2 (2')	105	114

Surrogate Summary

Client: Carmona Resources Job ID: 880-17808-1
Project/Site: West Corbin Fed Battery SDG: Lea County, New Mexico

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		1CO1	OTPH1								
Lab Sample ID	Client Sample ID	(70-130)	(70-130)								
880-17808-10	T-2 (3')	96	107								
880-17808-11	T-2 (4')	89	100								
880-17808-12	T-2 (5')	99	111								
LCS 880-31783/2-A	Lab Control Sample	99	103								
LCSD 880-31783/3-A	Lab Control Sample Dup	87	93								
MB 880-31783/1-A	Method Blank	93	110								

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17808-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-31717/5-A
Matrix: Solid
Analysis Batch: 31851

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 31717

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/08/22 10:13	08/09/22 16:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/08/22 10:13	08/09/22 16:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/08/22 10:13	08/09/22 16:06	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/08/22 10:13	08/09/22 16:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/08/22 10:13	08/09/22 16:06	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/08/22 10:13	08/09/22 16:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*08/08/22 10:13*	*08/09/22 16:06*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*08/08/22 10:13*	*08/09/22 16:06*	*1*

Lab Sample ID: MB 880-31834/5-A
Matrix: Solid
Analysis Batch: 31851

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 31834

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/09/22 08:41	08/10/22 02:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/09/22 08:41	08/10/22 02:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/09/22 08:41	08/10/22 02:52	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/09/22 08:41	08/10/22 02:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/09/22 08:41	08/10/22 02:52	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/09/22 08:41	08/10/22 02:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*08/09/22 08:41*	*08/10/22 02:52*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*08/09/22 08:41*	*08/10/22 02:52*	*1*

Lab Sample ID: LCS 880-31834/1-A
Matrix: Solid
Analysis Batch: 31851

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 31834

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1002		mg/Kg		100	70 - 130
Toluene	0.100	0.09582		mg/Kg		96	70 - 130
Ethylbenzene	0.100	0.07829		mg/Kg		78	70 - 130
m-Xylene & p-Xylene	0.200	0.1630		mg/Kg		82	70 - 130
o-Xylene	0.100	0.08318		mg/Kg		83	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*

Lab Sample ID: LCSD 880-31834/2-A
Matrix: Solid
Analysis Batch: 31851

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 31834

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08862		mg/Kg		89	70 - 130	12	35

QC Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17808-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-31834/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 31851 — **Prep Batch: 31834**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.1079		mg/Kg		108	70 - 130	12	35
Ethylbenzene			0.100	0.09720		mg/Kg		97	70 - 130	22	35
m-Xylene & p-Xylene			0.200	0.2134		mg/Kg		107	70 - 130	27	35
o-Xylene			0.100	0.1062		mg/Kg		106	70 - 130	24	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: 880-17597-A-2-F MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 31851 — **Prep Batch: 31834**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0998	0.1058		mg/Kg		105	70 - 130
Toluene	<0.00200	U	0.0998	0.1035		mg/Kg		104	70 - 130
Ethylbenzene	<0.00200	U	0.0998	0.08434		mg/Kg		85	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1748		mg/Kg		88	70 - 130
o-Xylene	<0.00200	U	0.0998	0.08766		mg/Kg		87	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*

Lab Sample ID: 880-17597-A-2-G MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 31851 — **Prep Batch: 31834**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.08278		mg/Kg		82	70 - 130	24	35
Toluene	<0.00200	U	0.100	0.1051		mg/Kg		105	70 - 130	2	35
Ethylbenzene	<0.00200	U	0.100	0.09458		mg/Kg		94	70 - 130	11	35
m-Xylene & p-Xylene	<0.00399	U	0.201	0.2062		mg/Kg		103	70 - 130	16	35
o-Xylene	<0.00200	U	0.100	0.1025		mg/Kg		101	70 - 130	16	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: MB 880-31915/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 31916 — **Prep Batch: 31915**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/10/22 14:27	08/10/22 17:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/10/22 14:27	08/10/22 17:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/10/22 14:27	08/10/22 17:20	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/10/22 14:27	08/10/22 17:20	1

QC Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17808-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-31915/5-A
Matrix: Solid
Analysis Batch: 31916

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 31915

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/10/22 14:27	08/10/22 17:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/10/22 14:27	08/10/22 17:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*08/10/22 14:27*	*08/10/22 17:20*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*08/10/22 14:27*	*08/10/22 17:20*	*1*

Lab Sample ID: LCS 880-31915/1-A
Matrix: Solid
Analysis Batch: 31916

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 31915

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1073		mg/Kg		107	70 - 130
Toluene	0.100	0.1051		mg/Kg		105	70 - 130
Ethylbenzene	0.100	0.08662		mg/Kg		87	70 - 130
m-Xylene & p-Xylene	0.200	0.1786		mg/Kg		89	70 - 130
o-Xylene	0.100	0.08791		mg/Kg		88	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: LCSD 880-31915/2-A
Matrix: Solid
Analysis Batch: 31916

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 31915

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1074		mg/Kg		107	70 - 130	0	35
Toluene	0.100	0.1040		mg/Kg		104	70 - 130	1	35
Ethylbenzene	0.100	0.08535		mg/Kg		85	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.1757		mg/Kg		88	70 - 130	2	35
o-Xylene	0.100	0.08642		mg/Kg		86	70 - 130	2	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: 880-17916-A-1-B MS
Matrix: Solid
Analysis Batch: 31916

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 31915

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.101	0.09898		mg/Kg		98	70 - 130
Toluene	<0.00199	U	0.101	0.09729		mg/Kg		97	70 - 130
Ethylbenzene	<0.00199	U	0.101	0.07894		mg/Kg		78	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.201	0.1632		mg/Kg		81	70 - 130
o-Xylene	<0.00199	U	0.101	0.07975		mg/Kg		78	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17808-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-17916-A-1-B MS
Matrix: Solid
Analysis Batch: 31916

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 31915

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-17916-A-1-C MSD
Matrix: Solid
Analysis Batch: 31916

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 31915

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.100	0.1001		mg/Kg		100	70 - 130	1	35
Toluene	<0.00199	U	0.100	0.09864		mg/Kg		98	70 - 130	1	35
Ethylbenzene	<0.00199	U	0.100	0.07919		mg/Kg		79	70 - 130	0	35
m-Xylene & p-Xylene	<0.00398	U	0.200	0.1633		mg/Kg		81	70 - 130	0	35
o-Xylene	<0.00199	U	0.100	0.07982		mg/Kg		79	70 - 130	0	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: MB 880-32250/5-A
Matrix: Solid
Analysis Batch: 32252

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 32250

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/16/22 11:31	08/16/22 14:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/16/22 11:31	08/16/22 14:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/16/22 11:31	08/16/22 14:01	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/16/22 11:31	08/16/22 14:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/16/22 11:31	08/16/22 14:01	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/16/22 11:31	08/16/22 14:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		70 - 130	08/16/22 11:31	08/16/22 14:01	1
1,4-Difluorobenzene (Surr)	0.7	S1-	70 - 130	08/16/22 11:31	08/16/22 14:01	1

Lab Sample ID: LCS 880-32250/1-A
Matrix: Solid
Analysis Batch: 32252

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 32250

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.0996	0.1004		mg/Kg		101	70 - 130		
Toluene			0.0996	0.09472		mg/Kg		95	70 - 130		
Ethylbenzene			0.0996	0.09812		mg/Kg		99	70 - 130		
m-Xylene & p-Xylene			0.199	0.1961		mg/Kg		98	70 - 130		
o-Xylene			0.0996	0.09551		mg/Kg		96	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17808-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-32250/1-A
Matrix: Solid
Analysis Batch: 32252

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 32250

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

Lab Sample ID: LCSD 880-32250/2-A
Matrix: Solid
Analysis Batch: 32252

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 32250

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09752		mg/Kg		98	70 - 130	3	35
Toluene			0.100	0.09550		mg/Kg		95	70 - 130	1	35
Ethylbenzene			0.100	0.09921		mg/Kg		99	70 - 130	1	35
m-Xylene & p-Xylene			0.200	0.1979		mg/Kg		99	70 - 130	1	35
o-Xylene			0.100	0.09639		mg/Kg		96	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: 880-18062-A-1-E MS
Matrix: Solid
Analysis Batch: 32252

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 32250

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 880-18062-A-1-F MSD
Matrix: Solid
Analysis Batch: 32252

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 32250

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	56	S1-	70 - 130
1,4-Difluorobenzene (Surr)	64	S1-	70 - 130

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

Lab Sample ID: MB 880-31783/1-A
Matrix: Solid
Analysis Batch: 31823

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 31783

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		08/08/22 14:50	08/09/22 21:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/08/22 14:50	08/09/22 21:20	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/08/22 14:50	08/09/22 21:20	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130	08/08/22 14:50	08/09/22 21:20	1

QC Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17808-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-31783/1-A
Matrix: Solid
Analysis Batch: 31823

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 31783

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	110		70 - 130	08/08/22 14:50	08/09/22 21:20	1

Lab Sample ID: LCS 880-31783/2-A
Matrix: Solid
Analysis Batch: 31823

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 31783

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	874.9		mg/Kg		87	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	964.0		mg/Kg		96	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	99		70 - 130
o-Terphenyl	103		70 - 130

Lab Sample ID: LCSD 880-31783/3-A
Matrix: Solid
Analysis Batch: 31823

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 31783

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1026		mg/Kg		103	70 - 130	16	20
Diesel Range Organics (Over C10-C28)			1000	810.2		mg/Kg		81	70 - 130	17	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	87		70 - 130
o-Terphenyl	93		70 - 130

Lab Sample ID: 880-17808-5 MS
Matrix: Solid
Analysis Batch: 31823

Client Sample ID: T-1 (4')
Prep Type: Total/NA
Prep Batch: 31783

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	924.3		mg/Kg		93	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	999	766.3		mg/Kg		77	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	94		70 - 130
o-Terphenyl	95		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17808-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-17808-5 MSD — **Client Sample ID: T-1 (4')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 31823 — **Prep Batch: 31783**

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	<50.0	U	999	1066		mg/Kg		107	70 - 130	14	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	778.6		mg/Kg		78	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*96*		*70 - 130*
o-Terphenyl	*98*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-31833/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 31871

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/09/22 18:22	1

Lab Sample ID: LCS 880-31833/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 31871

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	231.7		mg/Kg		93	90 - 110

Lab Sample ID: LCSD 880-31833/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 31871

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	236.1		mg/Kg		94	90 - 110	2	20

Lab Sample ID: 890-2717-A-1-F MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 31871

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	37.7	F1 F2	498	586.9		mg/Kg		110	90 - 110

Lab Sample ID: 890-2717-A-1-G MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 31871

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	37.7	F1 F2	498	34.88	F1 F2	mg/Kg		-0.6	90 - 110	178	20

QC Association Summary

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17808-1
SDG: Lea County, New Mexico

GC VOA

Prep Batch: 31717

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-31717/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 31834

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17808-1	T-1 (0-1')	Total/NA	Solid	5035	
880-17808-2	T-1 (1')	Total/NA	Solid	5035	
880-17808-3	T-1 (2')	Total/NA	Solid	5035	
880-17808-4	T-1 (3')	Total/NA	Solid	5035	
880-17808-6	T-1 (5')	Total/NA	Solid	5035	
880-17808-7	T-2 (0-1')	Total/NA	Solid	5035	
880-17808-8	T-2 (1')	Total/NA	Solid	5035	
880-17808-9	T-2 (2')	Total/NA	Solid	5035	
880-17808-10	T-2 (3')	Total/NA	Solid	5035	
880-17808-11	T-2 (4')	Total/NA	Solid	5035	
880-17808-12	T-2 (5')	Total/NA	Solid	5035	
MB 880-31834/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-31834/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-31834/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-17597-A-2-F MS	Matrix Spike	Total/NA	Solid	5035	
880-17597-A-2-G MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 31851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17808-1	T-1 (0-1')	Total/NA	Solid	8021B	31834
880-17808-2	T-1 (1')	Total/NA	Solid	8021B	31834
880-17808-3	T-1 (2')	Total/NA	Solid	8021B	31834
880-17808-4	T-1 (3')	Total/NA	Solid	8021B	31834
880-17808-6	T-1 (5')	Total/NA	Solid	8021B	31834
880-17808-7	T-2 (0-1')	Total/NA	Solid	8021B	31834
880-17808-8	T-2 (1')	Total/NA	Solid	8021B	31834
880-17808-9	T-2 (2')	Total/NA	Solid	8021B	31834
880-17808-10	T-2 (3')	Total/NA	Solid	8021B	31834
880-17808-11	T-2 (4')	Total/NA	Solid	8021B	31834
880-17808-12	T-2 (5')	Total/NA	Solid	8021B	31834
MB 880-31717/5-A	Method Blank	Total/NA	Solid	8021B	31717
MB 880-31834/5-A	Method Blank	Total/NA	Solid	8021B	31834
LCS 880-31834/1-A	Lab Control Sample	Total/NA	Solid	8021B	31834
LCSD 880-31834/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	31834
880-17597-A-2-F MS	Matrix Spike	Total/NA	Solid	8021B	31834
880-17597-A-2-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	31834

Analysis Batch: 31902

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17808-1	T-1 (0-1')	Total/NA	Solid	Total BTEX	
880-17808-2	T-1 (1')	Total/NA	Solid	Total BTEX	
880-17808-3	T-1 (2')	Total/NA	Solid	Total BTEX	
880-17808-4	T-1 (3')	Total/NA	Solid	Total BTEX	
880-17808-5	T-1 (4')	Total/NA	Solid	Total BTEX	
880-17808-6	T-1 (5')	Total/NA	Solid	Total BTEX	
880-17808-7	T-2 (0-1')	Total/NA	Solid	Total BTEX	
880-17808-8	T-2 (1')	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17808-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 31902 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17808-9	T-2 (2')	Total/NA	Solid	Total BTEX	
880-17808-10	T-2 (3')	Total/NA	Solid	Total BTEX	
880-17808-11	T-2 (4')	Total/NA	Solid	Total BTEX	
880-17808-12	T-2 (5')	Total/NA	Solid	Total BTEX	

Prep Batch: 31915

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17808-1	T-1 (0-1')	Total/NA	Solid	5035	
880-17808-3	T-1 (2')	Total/NA	Solid	5035	
880-17808-5	T-1 (4')	Total/NA	Solid	5035	
MB 880-31915/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-31915/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-31915/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-17916-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
880-17916-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 31916

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17808-1	T-1 (0-1')	Total/NA	Solid	8021B	31915
880-17808-3	T-1 (2')	Total/NA	Solid	8021B	31915
880-17808-5	T-1 (4')	Total/NA	Solid	8021B	31915
MB 880-31915/5-A	Method Blank	Total/NA	Solid	8021B	31915
LCS 880-31915/1-A	Lab Control Sample	Total/NA	Solid	8021B	31915
LCSD 880-31915/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	31915
880-17916-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	31915
880-17916-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	31915

Prep Batch: 32250

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-32250/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-32250/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-32250/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-18062-A-1-E MS	Matrix Spike	Total/NA	Solid	5035	
880-18062-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 32252

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17808-8	T-2 (1')	Total/NA	Solid	8021B	31834
MB 880-32250/5-A	Method Blank	Total/NA	Solid	8021B	32250
LCS 880-32250/1-A	Lab Control Sample	Total/NA	Solid	8021B	32250
LCSD 880-32250/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	32250
880-18062-A-1-E MS	Matrix Spike	Total/NA	Solid	8021B	32250
880-18062-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	32250

GC Semi VOA

Prep Batch: 31783

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17808-1	T-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-17808-2	T-1 (1')	Total/NA	Solid	8015NM Prep	
880-17808-3	T-1 (2')	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17808-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 31783 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17808-4	T-1 (3')	Total/NA	Solid	8015NM Prep	
880-17808-5	T-1 (4')	Total/NA	Solid	8015NM Prep	
880-17808-6	T-1 (5')	Total/NA	Solid	8015NM Prep	
880-17808-7	T-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-17808-8	T-2 (1')	Total/NA	Solid	8015NM Prep	
880-17808-9	T-2 (2')	Total/NA	Solid	8015NM Prep	
880-17808-10	T-2 (3')	Total/NA	Solid	8015NM Prep	
880-17808-11	T-2 (4')	Total/NA	Solid	8015NM Prep	
880-17808-12	T-2 (5')	Total/NA	Solid	8015NM Prep	
MB 880-31783/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-31783/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-31783/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-17808-5 MS	T-1 (4')	Total/NA	Solid	8015NM Prep	
880-17808-5 MSD	T-1 (4')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 31823

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17808-1	T-1 (0-1')	Total/NA	Solid	8015B NM	31783
880-17808-2	T-1 (1')	Total/NA	Solid	8015B NM	31783
880-17808-3	T-1 (2')	Total/NA	Solid	8015B NM	31783
880-17808-4	T-1 (3')	Total/NA	Solid	8015B NM	31783
880-17808-5	T-1 (4')	Total/NA	Solid	8015B NM	31783
880-17808-6	T-1 (5')	Total/NA	Solid	8015B NM	31783
880-17808-7	T-2 (0-1')	Total/NA	Solid	8015B NM	31783
880-17808-8	T-2 (1')	Total/NA	Solid	8015B NM	31783
880-17808-9	T-2 (2')	Total/NA	Solid	8015B NM	31783
880-17808-10	T-2 (3')	Total/NA	Solid	8015B NM	31783
880-17808-11	T-2 (4')	Total/NA	Solid	8015B NM	31783
880-17808-12	T-2 (5')	Total/NA	Solid	8015B NM	31783
MB 880-31783/1-A	Method Blank	Total/NA	Solid	8015B NM	31783
LCS 880-31783/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	31783
LCSD 880-31783/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	31783
880-17808-5 MS	T-1 (4')	Total/NA	Solid	8015B NM	31783
880-17808-5 MSD	T-1 (4')	Total/NA	Solid	8015B NM	31783

Analysis Batch: 31888

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17808-1	T-1 (0-1')	Total/NA	Solid	8015 NM	
880-17808-2	T-1 (1')	Total/NA	Solid	8015 NM	
880-17808-3	T-1 (2')	Total/NA	Solid	8015 NM	
880-17808-4	T-1 (3')	Total/NA	Solid	8015 NM	
880-17808-5	T-1 (4')	Total/NA	Solid	8015 NM	
880-17808-6	T-1 (5')	Total/NA	Solid	8015 NM	
880-17808-7	T-2 (0-1')	Total/NA	Solid	8015 NM	
880-17808-8	T-2 (1')	Total/NA	Solid	8015 NM	
880-17808-9	T-2 (2')	Total/NA	Solid	8015 NM	
880-17808-10	T-2 (3')	Total/NA	Solid	8015 NM	
880-17808-11	T-2 (4')	Total/NA	Solid	8015 NM	
880-17808-12	T-2 (5')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17808-1
SDG: Lea County, New Mexico

HPLC/IC

Leach Batch: 31833

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17808-1	T-1 (0-1')	Soluble	Solid	DI Leach	
880-17808-2	T-1 (1')	Soluble	Solid	DI Leach	
880-17808-3	T-1 (2')	Soluble	Solid	DI Leach	
880-17808-4	T-1 (3')	Soluble	Solid	DI Leach	
880-17808-5	T-1 (4')	Soluble	Solid	DI Leach	
880-17808-6	T-1 (5')	Soluble	Solid	DI Leach	
880-17808-7	T-2 (0-1')	Soluble	Solid	DI Leach	
880-17808-8	T-2 (1')	Soluble	Solid	DI Leach	
880-17808-9	T-2 (2')	Soluble	Solid	DI Leach	
880-17808-10	T-2 (3')	Soluble	Solid	DI Leach	
880-17808-11	T-2 (4')	Soluble	Solid	DI Leach	
880-17808-12	T-2 (5')	Soluble	Solid	DI Leach	
MB 880-31833/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-31833/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-31833/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-2717-A-1-F MS	Matrix Spike	Soluble	Solid	DI Leach	
890-2717-A-1-G MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 31871

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17808-1	T-1 (0-1')	Soluble	Solid	300.0	31833
880-17808-2	T-1 (1')	Soluble	Solid	300.0	31833
880-17808-3	T-1 (2')	Soluble	Solid	300.0	31833
880-17808-4	T-1 (3')	Soluble	Solid	300.0	31833
880-17808-5	T-1 (4')	Soluble	Solid	300.0	31833
880-17808-6	T-1 (5')	Soluble	Solid	300.0	31833
880-17808-7	T-2 (0-1')	Soluble	Solid	300.0	31833
880-17808-8	T-2 (1')	Soluble	Solid	300.0	31833
880-17808-9	T-2 (2')	Soluble	Solid	300.0	31833
880-17808-10	T-2 (3')	Soluble	Solid	300.0	31833
880-17808-11	T-2 (4')	Soluble	Solid	300.0	31833
880-17808-12	T-2 (5')	Soluble	Solid	300.0	31833
MB 880-31833/1-A	Method Blank	Soluble	Solid	300.0	31833
LCS 880-31833/2-A	Lab Control Sample	Soluble	Solid	300.0	31833
LCSD 880-31833/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	31833
890-2717-A-1-F MS	Matrix Spike	Soluble	Solid	300.0	31833
890-2717-A-1-G MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	31833

Lab Chronicle

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17808-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (0-1')

Lab Sample ID: 880-17808-1
Matrix: Solid
Date Collected: 08/04/22 00:00
Date Received: 08/08/22 08:28

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	31834	08/09/22 08:41	MR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	31851	08/10/22 05:39	MR	EET MID
Total/NA	Prep	5035			4.97 g	5 mL	31915	08/10/22 14:27	EL	EET MID
Total/NA	Analysis	8021B		200	5 mL	5 mL	31916	08/10/22 19:26	SM	EET MID
Total/NA	Analysis	Total BTEX		1			31902	08/10/22 10:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			31888	08/10/22 09:17	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	31783	08/08/22 14:50	DM	EET MID
Total/NA	Analysis	8015B NM		5			31823	08/10/22 04:07	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	31833	08/09/22 08:39	AJ	EET MID
Soluble	Analysis	300.0		1			31871	08/09/22 20:58	CH	EET MID

Client Sample ID: T-1 (1')

Lab Sample ID: 880-17808-2
Matrix: Solid
Date Collected: 08/04/22 00:00
Date Received: 08/08/22 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	31834	08/09/22 08:41	MR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	31851	08/10/22 06:00	MR	EET MID
Total/NA	Analysis	Total BTEX		1			31902	08/10/22 10:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			31888	08/10/22 09:17	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	31783	08/08/22 14:50	DM	EET MID
Total/NA	Analysis	8015B NM		5			31823	08/10/22 04:29	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	31833	08/09/22 08:39	AJ	EET MID
Soluble	Analysis	300.0		1			31871	08/09/22 21:08	CH	EET MID

Client Sample ID: T-1 (2')

Lab Sample ID: 880-17808-3
Matrix: Solid
Date Collected: 08/04/22 00:00
Date Received: 08/08/22 08:28

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	31834	08/09/22 08:41	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31851	08/10/22 04:37	MR	EET MID
Total/NA	Prep	5035			4.99 g	5 mL	31915	08/10/22 14:27	EL	EET MID
Total/NA	Analysis	8021B		200	5 mL	5 mL	31916	08/10/22 19:46	SM	EET MID
Total/NA	Analysis	Total BTEX		1			31902	08/10/22 10:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			31888	08/10/22 09:17	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	31783	08/08/22 14:50	DM	EET MID
Total/NA	Analysis	8015B NM		1			31823	08/10/22 05:32	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	31833	08/09/22 08:39	AJ	EET MID
Soluble	Analysis	300.0		1			31871	08/09/22 21:17	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17808-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (3')

Lab Sample ID: 880-17808-4
Matrix: Solid
Date Collected: 08/04/22 00:00
Date Received: 08/08/22 08:28

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	31834	08/09/22 08:41	MR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	31851	08/10/22 06:20	MR	EET MID
Total/NA	Analysis	Total BTEX		1			31902	08/10/22 10:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			31888	08/10/22 09:17	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	31783	08/08/22 14:50	DM	EET MID
Total/NA	Analysis	8015B NM		1			31823	08/10/22 05:54	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	31833	08/09/22 08:39	AJ	EET MID
Soluble	Analysis	300.0		1			31871	08/09/22 21:26	CH	EET MID

Client Sample ID: T-1 (4')

Lab Sample ID: 880-17808-5
Matrix: Solid
Date Collected: 08/04/22 00:00
Date Received: 08/08/22 08:28

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	31915	08/10/22 14:27	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31916	08/10/22 22:13	SM	EET MID
Total/NA	Analysis	Total BTEX		1			31902	08/10/22 10:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			31888	08/10/22 09:17	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	31783	08/08/22 14:50	DM	EET MID
Total/NA	Analysis	8015B NM		1			31823	08/09/22 22:25	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	31833	08/09/22 08:39	AJ	EET MID
Soluble	Analysis	300.0		1			31871	08/09/22 21:35	CH	EET MID

Client Sample ID: T-1 (5')

Lab Sample ID: 880-17808-6
Matrix: Solid
Date Collected: 08/04/22 00:00
Date Received: 08/08/22 08:28

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	31834	08/09/22 08:41	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31851	08/10/22 09:54	MR	EET MID
Total/NA	Analysis	Total BTEX		1			31902	08/10/22 10:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			31888	08/10/22 09:17	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	31783	08/08/22 14:50	DM	EET MID
Total/NA	Analysis	8015B NM		1			31823	08/09/22 23:28	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	31833	08/09/22 08:39	AJ	EET MID
Soluble	Analysis	300.0		1			31871	08/09/22 22:03	CH	EET MID

Client Sample ID: T-2 (0-1')

Lab Sample ID: 880-17808-7
Matrix: Solid
Date Collected: 08/04/22 00:00
Date Received: 08/08/22 08:28

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	31834	08/09/22 08:41	MR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	31851	08/10/22 12:40	MR	EET MID
Total/NA	Analysis	Total BTEX		1			31902	08/10/22 10:12	SM	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17808-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (0-1')

Lab Sample ID: 880-17808-7
Matrix: Solid
Date Collected: 08/04/22 00:00
Date Received: 08/08/22 08:28

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			31888	08/10/22 09:17	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	31783	08/08/22 14:50	DM	EET MID
Total/NA	Analysis	8015B NM		5			31823	08/10/22 04:50	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	31833	08/09/22 08:39	AJ	EET MID
Soluble	Analysis	300.0		1			31871	08/09/22 22:12	CH	EET MID

Client Sample ID: T-2 (1')

Lab Sample ID: 880-17808-8
Matrix: Solid
Date Collected: 08/04/22 00:00
Date Received: 08/08/22 08:28

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	31834	08/09/22 08:41	MR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	31851	08/10/22 13:01	MR	EET MID
Total/NA	Prep	5035			4.99 g	5 mL	31834	08/09/22 08:41	MR	EET MID
Total/NA	Analysis	8021B		500			32252	08/16/22 18:24	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			31902	08/10/22 10:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			31888	08/10/22 09:17	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	31783	08/08/22 14:50	DM	EET MID
Total/NA	Analysis	8015B NM		5			31823	08/10/22 05:11	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	31833	08/09/22 08:39	AJ	EET MID
Soluble	Analysis	300.0		1			31871	08/09/22 22:21	CH	EET MID

Client Sample ID: T-2 (2')

Lab Sample ID: 880-17808-9
Matrix: Solid
Date Collected: 08/04/22 00:00
Date Received: 08/08/22 08:28

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	31834	08/09/22 08:41	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31851	08/10/22 10:15	MR	EET MID
Total/NA	Analysis	Total BTEX		1			31902	08/10/22 10:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			31888	08/10/22 09:17	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	31783	08/08/22 14:50	DM	EET MID
Total/NA	Analysis	8015B NM		1			31823	08/09/22 23:50	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	31833	08/09/22 08:39	AJ	EET MID
Soluble	Analysis	300.0		1			31871	08/09/22 22:30	CH	EET MID

Client Sample ID: T-2 (3')

Lab Sample ID: 880-17808-10
Matrix: Solid
Date Collected: 08/04/22 00:00
Date Received: 08/08/22 08:28

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	31834	08/09/22 08:41	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31851	08/10/22 10:36	MR	EET MID
Total/NA	Analysis	Total BTEX		1			31902	08/10/22 10:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			31888	08/10/22 09:17	SM	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17808-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (3')

Date Collected: 08/04/22 00:00
Date Received: 08/08/22 08:28

Lab Sample ID: 880-17808-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	31783	08/08/22 14:50	DM	EET MID
Total/NA	Analysis	8015B NM		1			31823	08/10/22 00:12	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	31833	08/09/22 08:39	AJ	EET MID
Soluble	Analysis	300.0		1			31871	08/09/22 22:40	CH	EET MID

Client Sample ID: T-2 (4')

Date Collected: 08/04/22 00:00
Date Received: 08/08/22 08:28

Lab Sample ID: 880-17808-11
Matrix: Solid

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	31834	08/09/22 08:41	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31851	08/10/22 10:56	MR	EET MID
Total/NA	Analysis	Total BTEX		1			31902	08/10/22 10:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			31888	08/10/22 09:17	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	31783	08/08/22 14:50	DM	EET MID
Total/NA	Analysis	8015B NM		1			31823	08/10/22 00:33	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	31833	08/09/22 08:39	AJ	EET MID
Soluble	Analysis	300.0		1			31871	08/09/22 22:49	CH	EET MID

Client Sample ID: T-2 (5')

Date Collected: 08/04/22 00:00
Date Received: 08/08/22 08:28

Lab Sample ID: 880-17808-12
Matrix: Solid

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	31834	08/09/22 08:41	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31851	08/10/22 11:17	MR	EET MID
Total/NA	Analysis	Total BTEX		1			31902	08/10/22 10:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			31888	08/10/22 09:17	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	31783	08/08/22 14:50	DM	EET MID
Total/NA	Analysis	8015B NM		1			31823	08/10/22 00:54	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	31833	08/09/22 08:39	AJ	EET MID
Soluble	Analysis	300.0		1			31871	08/09/22 22:58	CH	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17808-1
SDG: Lea County, New Mexico

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	T104704400-22-24	06-30-23

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	OII 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: West Corbin Fed Battery

Job ID: 880-17808-1
SDG: Lea County, New Mexico

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

Protocol References:

ASTM = ASTM International

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:

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

Sample Summary

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-17808-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-17808-1	T-1 (0-1')	Solid	08/04/22 00:00	08/08/22 08:28
880-17808-2	T-1 (1')	Solid	08/04/22 00:00	08/08/22 08:28
880-17808-3	T-1 (2')	Solid	08/04/22 00:00	08/08/22 08:28
880-17808-4	T-1 (3')	Solid	08/04/22 00:00	08/08/22 08:28
880-17808-5	T-1 (4')	Solid	08/04/22 00:00	08/08/22 08:28
880-17808-6	T-1 (5')	Solid	08/04/22 00:00	08/08/22 08:28
880-17808-7	T-2 (0-1')	Solid	08/04/22 00:00	08/08/22 08:28
880-17808-8	T-2 (1')	Solid	08/04/22 00:00	08/08/22 08:28
880-17808-9	T-2 (2')	Solid	08/04/22 00:00	08/08/22 08:28
880-17808-10	T-2 (3')	Solid	08/04/22 00:00	08/08/22 08:28
880-17808-11	T-2 (4')	Solid	08/04/22 00:00	08/08/22 08:28
880-17808-12	T-2 (5')	Solid	08/04/22 00:00	08/08/22 08:28

Work Order No: 17808

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 Champion Dr
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland, Texas 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 ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables EDD ☐ ADaPT ☐ Other:

Project Name	West Corbin Fed Battery	Turn Around	
Project Number	1101	☐ Routine ☑ Rush	
Project Location	Lea County, New Mexico	Due Date	
Sampler's Name:	CRM	72 Hours	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice	(Yes) No
Received Intact:	(Yes) No	Thermometer ID	IR8
Cooler Custody Seals.	Yes No (N/A)	Correction Factor	.20
Sample Custody Seals	Yes No (N/A)	Temperature Reading	1.8
Total Containers.		Corrected Temperature.	1.0

Preservative Codes

None NO; DI Water H_2O; Cool Cool; MeOH Me; HCL HC; HNO_3 HN; H_2SO_4 H_2; NaOH Na; H_3PO_4 HP; $NaHSO_4$ NABIS; $Na_2S_2O_3$ $NaSO_3$; Zn Acetate+NaOH Zn; NaOH+Ascorbic Acid SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
T-1 (0-1')	8/4/2022		X		G	1	x	x	x	
T-1 (1')	8/4/2022		X		G	1	x	x	x	
T-1 (2')	8/4/2022		X		G	1	x	x	x	
T-1 (3')	8/4/2022		X		G	1	x	x	x	
T-1 (4')	8/4/2022		X		G	1	x	x	x	
T-1 (5')	8/4/2022		X		G	1	x	x	x	
T-2 (0-1')	8/4/2022		X		G	1	x	x	x	
T-2 (1')	8/4/2022		X		G	1	x	x	x	
T-2 (2')	8/4/2022		X		G	1	x	x	x	
T-2 (3')	8/4/2022		X		G	1	x	x	x	

880-17808 Chain of Custody

Comments:

Relinquished by (Signature)	Time/Date	Received by (Signature)	Date/Time
Mike	8:28Am 8/8/2022		

Work Order No: 17808

8/16/2022

Page 2 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 Champion Dr
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland, Texas 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 ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables EDD ☐ ADaPT ☐ Other:

Project Name	West Corbin Fed Battery	Turn Around	
Project Number	1101	☐ Routine ☑ Rush	
Project Location	Lea County, New Mexico	Due Date	
Sampler's Name	CRM	72 Hours	
PO #:			

SAMPLE RECEIPT				
Temp Blank.	Yes No	Wet Ice	Yes No	
Received Intact.	Yes No	Thermometer ID		
Cooler Custody Seals	Yes No N/A	Correction Factor		
Sample Custody Seals	Yes No N/A	Temperature Reading		
Total Containers		Corrected Temperature		

Preservative Codes

None NO; DI Water H_2O; Cool Cool; MeOH Me; HCL HC; HNO_3 HN; H_2SO_4 H_2; NaOH Na; H_3PO_4 HP; $NaHSO_4$ NABIS; $Na_2S_2O_3$ $NaSO_3$; Zn Acetate+NaOH Zn; NaOH+Ascorbic Acid SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
T-2 (4')	8/4/2022		X		G	1		x	x	x	
T-2 (5')	8/4/2022		X		G	1		x	x	x	

Loc: 880
17808

Comments:

Relinquished by (Signature)	Time/Date	Received by (Signature)	Date/Time
	8:28am 8/8/2022		

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-17808-1
SDG Number: Lea County, New Mexico

Login Number: 17808
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	

CARDINAL Laboratories

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

November 11, 2022

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: WEST CORBIN FED BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 11/09/22 15:12.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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:	11/09/2022	Sampling Date:	11/09/2022
Reported:	11/11/2022	Sampling Type:	Soil
Project Name:	WEST CORBIN FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	1101	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: T - 1 (0-1') (H225303-01)

BTEX 8021B mg/kg Analyzed By: JH/ S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	**10.6**	0.500	11/10/2022	ND	1.92	96.0	2.00	2.40	QM-07
Toluene*	**91.0**	0.500	11/10/2022	ND	2.00	100	2.00	3.27	QM-07
Ethylbenzene*	**80.6**	0.500	11/10/2022	ND	1.99	99.7	2.00	1.96	QM-07
Total Xylenes*	**148**	1.50	11/10/2022	ND	6.05	101	6.00	0.233	QM-07
Total BTEX	**330**	3.00	11/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *150 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	11/10/2022	ND	400	100	400	7.69	

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*	**1730**	100	11/10/2022	ND	183	91.6	200	1.02	
DRO >C10-C28*	**6770**	100	11/10/2022	ND	209	105	200	4.01	QM-07
EXT DRO >C28-C36	**1050**	100	11/10/2022	ND					

Surrogate: 1-Chlorooctane *243 %* *45.3-161*

Surrogate: 1-Chlorooctadecane *180 %* *46.3-178*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	11/09/2022	Sampling Date:	11/09/2022
Reported:	11/11/2022	Sampling Type:	Soil
Project Name:	WEST CORBIN FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	1101	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: T - 1 (1') (H225303-02)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	**30.1**	2.00	11/10/2022	ND	1.92	96.0	2.00	2.40	
Toluene*	**181**	2.00	11/10/2022	ND	2.00	100	2.00	3.27	
Ethylbenzene*	**113**	2.00	11/10/2022	ND	1.99	99.7	2.00	1.96	
Total Xylenes*	**195**	6.00	11/10/2022	ND	6.05	101	6.00	0.233	
Total BTEX	**519**	12.0	11/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *117 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	11/10/2022	ND	400	100	400	7.69	

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*	**2880**	100	11/10/2022	ND	183	91.6	200	1.02	
DRO >C10-C28*	**8090**	100	11/10/2022	ND	209	105	200	4.01	
EXT DRO >C28-C36	**1560**	100	11/10/2022	ND					

Surrogate: 1-Chlorooctane *300 %* *45.3-161*

Surrogate: 1-Chlorooctadecane *326 %* *46.3-178*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	11/09/2022	Sampling Date:	11/09/2022
Reported:	11/11/2022	Sampling Type:	Soil
Project Name:	WEST CORBIN FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	1101	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: T - 1 (2') (H225303-03)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	**18.7**	2.00	11/10/2022	ND	1.92	96.0	2.00	2.40	
Toluene*	**146**	2.00	11/10/2022	ND	2.00	100	2.00	3.27	
Ethylbenzene*	**113**	2.00	11/10/2022	ND	1.99	99.7	2.00	1.96	
Total Xylenes*	**203**	6.00	11/10/2022	ND	6.05	101	6.00	0.233	
Total BTEX	**480**	12.0	11/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *122 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	11/10/2022	ND	400	100	400	7.69	

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*	**4390**	100	11/10/2022	ND	183	91.6	200	1.02	
DRO >C10-C28*	**13200**	100	11/10/2022	ND	209	105	200	4.01	
EXT DRO >C28-C36	**2460**	100	11/10/2022	ND					

Surrogate: 1-Chlorooctane *422 %* *45.3-161*

Surrogate: 1-Chlorooctadecane *265 %* *46.3-178*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	11/09/2022	Sampling Date:	11/09/2022
Reported:	11/11/2022	Sampling Type:	Soil
Project Name:	WEST CORBIN FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	1101	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: T - 1 (3') (H225303-04)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	**1.40**	0.500	11/10/2022	ND	1.92	96.0	2.00	2.40	
Toluene*	**20.6**	0.500	11/10/2022	ND	2.00	100	2.00	3.27	
Ethylbenzene*	**24.7**	0.500	11/10/2022	ND	1.99	99.7	2.00	1.96	
Total Xylenes*	**47.2**	1.50	11/10/2022	ND	6.05	101	6.00	0.233	
Total BTEX	**93.8**	3.00	11/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *128 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	11/10/2022	ND	400	100	400	7.69	

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*	**632**	100	11/10/2022	ND	183	91.6	200	1.02	
DRO >C10-C28*	**2290**	100	11/10/2022	ND	209	105	200	4.01	
EXT DRO >C28-C36	**462**	100	11/10/2022	ND					

Surrogate: 1-Chlorooctane *181 %* *45.3-161*

Surrogate: 1-Chlorooctadecane *198 %* *46.3-178*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	11/09/2022	Sampling Date:	11/09/2022
Reported:	11/11/2022	Sampling Type:	Soil
Project Name:	WEST CORBIN FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	1101	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: T - 1 (4') (H225303-05)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	**29.8**	2.00	11/10/2022	ND	1.92	96.0	2.00	2.40	
Toluene*	**215**	2.00	11/10/2022	ND	2.00	100	2.00	3.27	
Ethylbenzene*	**160**	2.00	11/10/2022	ND	1.99	99.7	2.00	1.96	
Total Xylenes*	**278**	6.00	11/10/2022	ND	6.05	101	6.00	0.233	
Total BTEX	**683**	12.0	11/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *123 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	11/10/2022	ND	400	100	400	7.69	

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*	**3420**	100	11/10/2022	ND	183	91.6	200	1.02	
DRO >C10-C28*	**9710**	100	11/10/2022	ND	209	105	200	4.01	
EXT DRO >C28-C36	**1530**	100	11/10/2022	ND					

Surrogate: 1-Chlorooctane *258 %* *45.3-161*

Surrogate: 1-Chlorooctadecane *205 %* *46.3-178*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	11/09/2022	Sampling Date:	11/09/2022
Reported:	11/11/2022	Sampling Type:	Soil
Project Name:	WEST CORBIN FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	1101	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: T - 1 (5') (H225303-06)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	**1.45**	0.500	11/10/2022	ND	1.92	96.0	2.00	2.40	
Toluene*	**19.5**	0.500	11/10/2022	ND	2.00	100	2.00	3.27	
Ethylbenzene*	**25.0**	0.500	11/10/2022	ND	1.99	99.7	2.00	1.96	
Total Xylenes*	**46.5**	1.50	11/10/2022	ND	6.05	101	6.00	0.233	
Total BTEX	**92.4**	3.00	11/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *123 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	11/10/2022	ND	400	100	400	7.69	

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*	**909**	100	11/10/2022	ND	183	91.6	200	1.02	
DRO >C10-C28*	**2850**	100	11/10/2022	ND	209	105	200	4.01	
EXT DRO >C28-C36	**501**	100	11/10/2022	ND					

Surrogate: 1-Chlorooctane *185 %* *45.3-161*

Surrogate: 1-Chlorooctadecane *202 %* *46.3-178*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	11/09/2022	Sampling Date:	11/09/2022
Reported:	11/11/2022	Sampling Type:	Soil
Project Name:	WEST CORBIN FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	1101	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: T - 1 (6') (H225303-07)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	**6.52**	2.00	11/10/2022	ND	1.92	96.0	2.00	2.40	
Toluene*	**63.6**	2.00	11/10/2022	ND	2.00	100	2.00	3.27	
Ethylbenzene*	**67.7**	2.00	11/10/2022	ND	1.99	99.7	2.00	1.96	
Total Xylenes*	**121**	6.00	11/10/2022	ND	6.05	101	6.00	0.233	
Total BTEX	**259**	12.0	11/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	11/10/2022	ND	400	100	400	7.69	

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*	**1610**	100	11/10/2022	ND	183	91.6	200	1.02	
DRO >C10-C28*	**4380**	100	11/10/2022	ND	209	105	200	4.01	
EXT DRO >C28-C36	**576**	100	11/10/2022	ND					

Surrogate: 1-Chlorooctane *226 %* *45.3-161*

Surrogate: 1-Chlorooctadecane *244 %* *46.3-178*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	11/09/2022	Sampling Date:	11/09/2022
Reported:	11/11/2022	Sampling Type:	Soil
Project Name:	WEST CORBIN FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	1101	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: T - 1 (7') (H225303-08)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	**25.9**	2.00	11/10/2022	ND	1.92	96.0	2.00	2.40	
Toluene*	**194**	2.00	11/10/2022	ND	2.00	100	2.00	3.27	
Ethylbenzene*	**145**	2.00	11/10/2022	ND	1.99	99.7	2.00	1.96	
Total Xylenes*	**245**	6.00	11/10/2022	ND	6.05	101	6.00	0.233	
Total BTEX	**610**	12.0	11/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *117 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/10/2022	ND	400	100	400	7.69	

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*	**5510**	100	11/10/2022	ND	183	91.6	200	1.02	
DRO >C10-C28*	**13500**	100	11/10/2022	ND	209	105	200	4.01	
EXT DRO >C28-C36	**2040**	100	11/10/2022	ND					

Surrogate: 1-Chlorooctane *344 %* *45.3-161*

Surrogate: 1-Chlorooctadecane *254 %* *46.3-178*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	11/09/2022	Sampling Date:	11/09/2022
Reported:	11/11/2022	Sampling Type:	Soil
Project Name:	WEST CORBIN FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	1101	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: T - 1 (8') (H225303-09)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	**8.37**	2.00	11/10/2022	ND	1.92	96.0	2.00	2.40	
Toluene*	**93.2**	2.00	11/10/2022	ND	2.00	100	2.00	3.27	
Ethylbenzene*	**83.0**	2.00	11/10/2022	ND	1.99	99.7	2.00	1.96	
Total Xylenes*	**148**	6.00	11/10/2022	ND	6.05	101	6.00	0.233	
Total BTEX	**333**	12.0	11/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *118 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	11/10/2022	ND	400	100	400	7.69	

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*	**2270**	100	11/10/2022	ND	183	91.6	200	1.02	
DRO >C10-C28*	**6780**	100	11/10/2022	ND	209	105	200	4.01	
EXT DRO >C28-C36	**1000**	100	11/10/2022	ND					

Surrogate: 1-Chlorooctane *257 %* *45.3-161*

Surrogate: 1-Chlorooctadecane *158 %* *46.3-178*

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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:	11/09/2022	Sampling Date:	11/09/2022
Reported:	11/11/2022	Sampling Type:	Soil
Project Name:	WEST CORBIN FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	1101	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: T - 1 (9') (H225303-10)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.92	96.0	2.00	2.40	
Toluene*	**0.277**	0.050	11/10/2022	ND	2.00	100	2.00	3.27	
Ethylbenzene*	**0.590**	0.050	11/10/2022	ND	1.99	99.7	2.00	1.96	
Total Xylenes*	**1.46**	0.150	11/10/2022	ND	6.05	101	6.00	0.233	
Total BTEX	**2.33**	0.300	11/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *124 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	11/10/2022	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**19.2**	10.0	11/10/2022	ND	183	91.6	200	1.02	
DRO >C10-C28*	**292**	10.0	11/10/2022	ND	209	105	200	4.01	
EXT DRO >C28-C36	**43.1**	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane *78.0 %* *45.3-161*

Surrogate: 1-Chlorooctadecane *92.4 %* *46.3-178*

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Analytical Results For:

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

Received:	11/09/2022	Sampling Date:	11/09/2022
Reported:	11/11/2022	Sampling Type:	Soil
Project Name:	WEST CORBIN FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	1101	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: T - 1 (10') (H225303-11)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.92	96.0	2.00	2.40	
Toluene*	<0.050	0.050	11/10/2022	ND	2.00	100	2.00	3.27	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	1.99	99.7	2.00	1.96	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	6.05	101	6.00	0.233	
Total BTEX	<0.300	0.300	11/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	11/10/2022	ND	400	100	400	7.69	

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	11/10/2022	ND	183	91.6	200	1.02	
DRO >C10-C28*	**31.9**	10.0	11/10/2022	ND	209	105	200	4.01	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane *75.5 %* *45.3-161*

Surrogate: 1-Chlorooctadecane *81.2 %* *46.3-178*

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Analytical Results For:

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

Received:	11/09/2022	Sampling Date:	11/09/2022
Reported:	11/11/2022	Sampling Type:	Soil
Project Name:	WEST CORBIN FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	1101	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: T - 2 (0-1') (H225303-12)

BTEX 8021B mg/kg Analyzed By: JH/ S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.92	96.0	2.00	2.40	
Toluene*	**0.071**	0.050	11/10/2022	ND	2.00	100	2.00	3.27	
Ethylbenzene*	**0.159**	0.050	11/10/2022	ND	1.99	99.7	2.00	1.96	
Total Xylenes*	**0.351**	0.150	11/10/2022	ND	6.05	101	6.00	0.233	
Total BTEX	**0.582**	0.300	11/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *169 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	11/10/2022	ND	400	100	400	7.69	

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*	<100	100	11/10/2022	ND	183	91.6	200	1.02	
DRO >C10-C28*	**9130**	100	11/10/2022	ND	209	105	200	4.01	
EXT DRO >C28-C36	**2400**	100	11/10/2022	ND					

Surrogate: 1-Chlorooctane *132 %* *45.3-161*

Surrogate: 1-Chlorooctadecane *419 %* *46.3-178*

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Analytical Results For:

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

Received:	11/09/2022	Sampling Date:	11/09/2022
Reported:	11/11/2022	Sampling Type:	Soil
Project Name:	WEST CORBIN FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	1101	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: T - 2 (1') (H225303-13)

BTEX 8021B mg/kg **Analyzed By: JH/**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.92	96.0	2.00	2.40	
Toluene*	<0.050	0.050	11/10/2022	ND	2.00	100	2.00	3.27	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	1.99	99.7	2.00	1.96	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	6.05	101	6.00	0.233	
Total BTEX	<0.300	0.300	11/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg **Analyzed By: GM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	11/10/2022	ND	400	100	400	7.69	

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	11/11/2022	ND	183	91.6	200	1.02	
DRO >C10-C28*	**76.4**	10.0	11/11/2022	ND	209	105	200	4.01	
EXT DRO >C28-C36	**40.1**	10.0	11/11/2022	ND					

Surrogate: 1-Chlorooctane *75.4 %* *45.3-161*

Surrogate: 1-Chlorooctadecane *84.0 %* *46.3-178*

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Analytical Results For:

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

Received:	11/09/2022	Sampling Date:	11/09/2022
Reported:	11/11/2022	Sampling Type:	Soil
Project Name:	WEST CORBIN FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	1101	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: T - 2 (2') (H225303-14)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.92	96.0	2.00	2.40	
Toluene*	<0.050	0.050	11/10/2022	ND	2.00	100	2.00	3.27	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	1.99	99.7	2.00	1.96	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	6.05	101	6.00	0.233	
Total BTEX	<0.300	0.300	11/10/2022	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	11/10/2022	ND	400	100	400	7.69	

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	11/10/2022	ND	183	91.6	200	1.02	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	209	105	200	4.01	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane *89.2 %* *45.3-161*

Surrogate: 1-Chlorooctadecane *96.0 %* *46.3-178*

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CARDINAL Laboratories

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:	11/09/2022	Sampling Date:	11/09/2022
Reported:	11/11/2022	Sampling Type:	Soil
Project Name:	WEST CORBIN FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	1101	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: T - 2 (3') (H225303-15)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.92	96.0	2.00	2.40	
Toluene*	<0.050	0.050	11/10/2022	ND	2.00	100	2.00	3.27	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	1.99	99.7	2.00	1.96	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	6.05	101	6.00	0.233	
Total BTEX	<0.300	0.300	11/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	11/10/2022	ND	400	100	400	7.69	

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	11/10/2022	ND	183	91.6	200	1.02	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	209	105	200	4.01	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane *90.0 %* *45.3-161*

Surrogate: 1-Chlorooctadecane *95.5 %* *46.3-178*

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CARDINAL Laboratories

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Analytical Results For:

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

Received:	11/09/2022	Sampling Date:	11/09/2022
Reported:	11/11/2022	Sampling Type:	Soil
Project Name:	WEST CORBIN FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	1101	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: T - 2 (4') (H225303-16)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.92	96.0	2.00	2.40	
Toluene*	<0.050	0.050	11/10/2022	ND	2.00	100	2.00	3.27	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	1.99	99.7	2.00	1.96	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	6.05	101	6.00	0.233	
Total BTEX	<0.300	0.300	11/10/2022	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	11/10/2022	ND	400	100	400	7.69	

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	11/10/2022	ND	183	91.6	200	1.02	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	209	105	200	4.01	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane *91.1 %* *45.3-161*

Surrogate: 1-Chlorooctadecane *97.1 %* *46.3-178*

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Analytical Results For:

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

Received:	11/09/2022	Sampling Date:	11/09/2022
Reported:	11/11/2022	Sampling Type:	Soil
Project Name:	WEST CORBIN FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	1101	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: T - 3 (0-1') (H225303-17)

BTEX 8021B mg/kg Analyzed By: JH/ S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.92	96.0	2.00	2.40	
Toluene*	**0.207**	0.050	11/10/2022	ND	2.00	100	2.00	3.27	
Ethylbenzene*	**0.437**	0.050	11/10/2022	ND	1.99	99.7	2.00	1.96	
Total Xylenes*	**1.44**	0.150	11/10/2022	ND	6.05	101	6.00	0.233	
Total BTEX	**2.09**	0.300	11/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *176 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	11/10/2022	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**36.5**	10.0	11/11/2022	ND	183	91.6	200	1.02	
DRO >C10-C28*	**668**	10.0	11/11/2022	ND	209	105	200	4.01	
EXT DRO >C28-C36	**117**	10.0	11/11/2022	ND					

Surrogate: 1-Chlorooctane *101 %* *45.3-161*

Surrogate: 1-Chlorooctadecane *116 %* *46.3-178*

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Analytical Results For:

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

Received:	11/09/2022	Sampling Date:	11/09/2022
Reported:	11/11/2022	Sampling Type:	Soil
Project Name:	WEST CORBIN FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	1101	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: T - 3 (1') (H225303-18)

BTEX 8021B mg/kg Analyzed By: JH/ S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	11/10/2022	ND	1.92	96.0	2.00	2.40	
Toluene*	**0.683**	0.200	11/10/2022	ND	2.00	100	2.00	3.27	
Ethylbenzene*	**11.2**	0.200	11/10/2022	ND	1.99	99.7	2.00	1.96	
Total Xylenes*	**14.9**	0.600	11/10/2022	ND	6.05	101	6.00	0.233	
Total BTEX	**26.8**	1.20	11/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *164 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	11/10/2022	ND	400	100	400	7.69	

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*	**652**	100	11/10/2022	ND	183	91.6	200	1.02	
DRO >C10-C28*	**9420**	100	11/10/2022	ND	209	105	200	4.01	
EXT DRO >C28-C36	**2190**	100	11/10/2022	ND					

Surrogate: 1-Chlorooctane *172 %* *45.3-161*

Surrogate: 1-Chlorooctadecane *436 %* *46.3-178*

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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:	11/09/2022	Sampling Date:	11/09/2022
Reported:	11/11/2022	Sampling Type:	Soil
Project Name:	WEST CORBIN FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	1101	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: T - 3 (2') (H225303-19)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.92	96.0	2.00	2.40	
Toluene*	<0.050	0.050	11/10/2022	ND	2.00	100	2.00	3.27	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	1.99	99.7	2.00	1.96	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	6.05	101	6.00	0.233	
Total BTEX	<0.300	0.300	11/10/2022	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	11/10/2022	ND	400	100	400	7.69	

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	11/10/2022	ND	183	91.6	200	1.02	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	209	105	200	4.01	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane *91.3 %* *45.3-161*

Surrogate: 1-Chlorooctadecane *97.0 %* *46.3-178*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	11/09/2022	Sampling Date:	11/09/2022
Reported:	11/11/2022	Sampling Type:	Soil
Project Name:	WEST CORBIN FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	1101	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: T - 3 (3') (H225303-20)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2022	ND	1.92	96.0	2.00	2.40	
Toluene*	<0.050	0.050	11/10/2022	ND	2.00	100	2.00	3.27	
Ethylbenzene*	<0.050	0.050	11/10/2022	ND	1.99	99.7	2.00	1.96	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	6.05	101	6.00	0.233	
Total BTEX	<0.300	0.300	11/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	11/10/2022	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	11/10/2022	ND	183	91.6	200	1.02	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	209	105	200	4.01	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane *87.1 %* *45.3-161*

Surrogate: 1-Chlorooctadecane *96.6 %* *46.3-178*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	11/09/2022	Sampling Date:	11/09/2022
Reported:	11/11/2022	Sampling Type:	Soil
Project Name:	WEST CORBIN FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	1101	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: T - 4 (4') (H225303-21)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	**0.059**	0.050	11/10/2022	ND	1.95	97.6	2.00	0.742	
Toluene*	**0.154**	0.050	11/10/2022	ND	2.06	103	2.00	1.99	
Ethylbenzene*	**0.053**	0.050	11/10/2022	ND	2.01	101	2.00	2.17	
Total Xylenes*	<0.150	0.150	11/10/2022	ND	6.17	103	6.00	0.776	
Total BTEX	<0.300	0.300	11/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *89.6 %* *69.9-140*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	11/10/2022	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	11/09/2022	ND	203	101	200	3.85	
DRO >C10-C28*	<10.0	10.0	11/09/2022	ND	198	99.1	200	0.119	
EXT DRO >C28-C36	<10.0	10.0	11/09/2022	ND					

Surrogate: 1-Chlorooctane *97.7 %* *45.3-161*

Surrogate: 1-Chlorooctadecane *113 %* *46.3-178*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

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

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: H225303

Page 1 of 3

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 Champion Dr.
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Texas 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 ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	West Corbin Fed Battery	Turn Around	
Project Number:	1101	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	48 Hours
Sampler's Name:	MM		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	Yes (No)
Received Intact:	(Yes) No	Thermometer ID:	113
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.4°C
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	6.6°C
Total Containers:		Corrected Temperature:	6.0°C

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH. Zn; NaOH+Ascorbic Acid: SAPC

	Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
1	T-1 (0-1')	11/9/2022		X		G	1		X	X	X	
2	T-1 (1')	11/9/2022		X		G	1		X	X	X	
3	T-1 (2')	11/9/2022		X		G	1		X	X	X	
4	T-1 (3')	11/9/2022		X		G	1		X	X	X	
5	T-1 (4')	11/9/2022		X		G	1		X	X	X	
6	T-1 (5')	11/9/2022		X		G	1		X	X	X	
7	T-1 (6')	11/9/2022		X		G	1		X	X	X	
8	T-1 (7')	11/9/2022		X		G	1		X	X	X	
9	T-1 (8')	11/9/2022		X		G	1		X	X	X	
10	T-1 (9')	11/9/2022		X		G	1		X	X	X	

Please email results to Mcarmona@carmonaresources.com & Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Time/Date	Received by: (Signature)	Date/Time
	11-9-22 1512		

Chain of Custody

Work Order No: H225303

Page 2 of 3

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 Champion Dr.
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Texas 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 ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	West Corbin Fed Battery	Turn Around	
Project Number:	1101	☐ Routine ☑ Rush	
Project Location	Lea County, New Mexico	Due Date:	48 Hours
Sampler's Name:	MM		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	Yes (No)
Received Intact:	(Yes) No	Thermometer ID.	113
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.6°C
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	6.6°C
Total Containers:		Corrected Temperature:	6.0°C

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

	Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
11	T-1 (10')	11/9/2022		X		G	1		X	X	X	
12	T-2 (0-1')	11/9/2022		X		G	1		X	X	X	
13	T-2 (1')	11/9/2022		X		G	1		X	X	X	
14	T-2 (2')	11/9/2022		X		G	1		X	X	X	
15	T-2 (3')	11/9/2022		X		G	1		X	X	X	
16	T-2 (4')	11/9/2022		X		G	1		X	X	X	
17	T-3 (0-1')	11/9/2022		X		G	1		X	X	X	
18	T-3 (1')	11/9/2022		X		G	1		X	X	X	
19	T-3 (2')	11/9/2022		X		G	1		X	X	X	
20	T-3 (3')	11/9/2022		X		G	1		X	X	X	

Please email results to Mcarmona@carmonaresources.com & Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Time/Date	Received by: (Signature)	Date/Time
	11-9-22 1512		

Chain of Custody

Work Order No: H225303

Page 3 of 3

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 Champion Dr.
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Texas 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 ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	West Corbin Fed Battery	Turn Around	
Project Number:	1101	☐ Routine ☑ Rush	
Project Location	Lea County, New Mexico	Due Date:	48 Hours
Sampler's Name:	MM		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	Yes (No)	
Received Intact:	(Yes) No	Thermometer ID:	113	
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.6°C	
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	4.6°C	
Total Containers:		Corrected Temperature:	4.0°C	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500
21 T-4 (4')	11/9/2022		X		G	1	X	X	X

Parameters

ANALYSIS REQUEST

Preservative Codes

None: NO DI Water: H_2O

Cool: Cool MeOH: Me

HCL: HC HNO_3: HN

H_2S0_4: H_2 NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Sample Comments

Please email results to Mcarmona@carmonaresources.com & Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Time/Date	Received by: (Signature)	Date/Time
	11-9-22 1512		

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Conner Moehring
Carmona Resources
310 W Wall St
Ste 415
Midland, Texas 79701

Generated 11/29/2022 12:56:34 PM Revision 1

JOB DESCRIPTION

West Corbin Fed Battery
SDG NUMBER Lea County, New Mexico

JOB NUMBER

880-21744-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

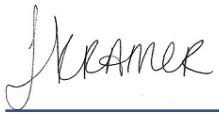
my EOL

Eurofins Midland

Job Notes

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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11/29/2022 12:56:34 PM
Revision 1

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

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Laboratory Job ID: 880-21744-1
SDG: Lea County, New Mexico

Table of Contents

Definitions/Glossary

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-21744-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
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)
TNTC	Too Numerous To Count

Case Narrative

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-21744-1
SDG: Lea County, New Mexico

Job ID: 880-21744-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-21744-1

REVISION

The report being provided is a revision of the original report sent on 11/21/2022. The report (revision 1) is being revised due to Per client email requesting re runs on SW-4 and SW-11.

Report revision history

Receipt
The samples were received on 11/18/2022 8:04 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 2.2°C

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: CS-1 (4.5') (880-21744-1), CS-2 (4.5') (880-21744-2), CS-3 (3.5') (880-21744-3), CS-4 (9') (880-21744-4), CS-5 (9') (880-21744-5), CS-6 (2.5') (880-21744-6), CS-7 (2.5') (880-21744-7), CS-8 (2.5') (880-21744-8), CS-9 (2.5') (880-21744-9), CS-10 (1.5') (880-21744-10), SW-1 (4.5') (880-21744-11), SW-2 (1') (880-21744-12), SW-3 (3.5') (880-21744-13), SW-4 (1') (880-21744-14), SW-5 (5.5') (880-21744-15), SW-6 (7.5') (880-21744-16), SW-7 (9') (880-21744-17), SW-8 (4.5') (880-21744-18), SW-9 (2.5') (880-21744-19), SW-10 (2.5') (880-21744-20), SW-11 (2.5') (880-21744-21), SW-12 (1') (880-21744-22), SW-13 (1') (880-21744-23) and SW-14 (1.5') (880-21744-24).

GC VOA
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-39820 and analytical batch 880-39825 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: Surrogate recovery for the following sample was outside control limits: (880-21721-A-5-B MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-39818 and analytical batch 880-39916 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

GC Semi VOA
Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-39925/2-A), (LCSD 880-39925/3-A) and (MB 880-39925/1-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-4 (9') (880-21744-4) and CS-5 (9') (880-21744-5). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SW-7 (9') (880-21744-17). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

HPLC/IC
Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-39863 and analytical batch 880-39995 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Case Narrative

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-21744-1
SDG: Lea County, New Mexico

Job ID: 880-21744-1 (Continued)

Laboratory: Eurofins Midland (Continued)

Method 300_ORGFM_28D: The matrix spike (MS) recoveries for preparation batch 880-40182 and analytical batch 880-40224 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.The associated samples are: SW-11 (2.5') (880-21744-21), (880-21853-A-1-A) and (880-21853-A-1-B MS).

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: West Corbin Fed Battery

Job ID: 880-21744-1
SDG: Lea County, New Mexico

Client Sample ID: CS-1 (4.5')

Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

Lab Sample ID: 880-21744-1
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/18/22 09:24	11/18/22 16:08	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/18/22 09:24	11/18/22 16:08	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/18/22 09:24	11/18/22 16:08	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/18/22 09:24	11/18/22 16:08	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/18/22 09:24	11/18/22 16:08	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/18/22 09:24	11/18/22 16:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*11/18/22 09:24*	*11/18/22 16:08*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*11/18/22 09:24*	*11/18/22 16:08*	*1*

Method: TAL SOP 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			11/18/22 18:18	1

Method: SW846 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			11/21/22 11:18	1

Method: SW846 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		11/18/22 12:42	11/19/22 21:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/18/22 12:42	11/19/22 21:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/18/22 12:42	11/19/22 21:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*11/18/22 12:42*	*11/19/22 21:27*	*1*
o-Terphenyl	*108*		*70 - 130*	*11/18/22 12:42*	*11/19/22 21:27*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**17.0**		4.98		mg/Kg			11/19/22 05:56	1

Client Sample ID: CS-2 (4.5')

Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

Lab Sample ID: 880-21744-2
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/18/22 09:24	11/18/22 16:29	1
Toluene	**0.00243**		0.00199		mg/Kg		11/18/22 09:24	11/18/22 16:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/18/22 09:24	11/18/22 16:29	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/18/22 09:24	11/18/22 16:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/18/22 09:24	11/18/22 16:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/18/22 09:24	11/18/22 16:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*11/18/22 09:24*	*11/18/22 16:29*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*11/18/22 09:24*	*11/18/22 16:29*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-21744-1
SDG: Lea County, New Mexico

Client Sample ID: CS-2 (4.5')

Lab Sample ID: 880-21744-2
Matrix: Solid
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

Method: TAL SOP 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			11/18/22 18:18	1

Method: SW846 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			11/21/22 11:18	1

Method: SW846 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		11/18/22 12:42	11/19/22 22:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/18/22 12:42	11/19/22 22:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/18/22 12:42	11/19/22 22:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*11/18/22 12:42*	*11/19/22 22:32*	*1*
o-Terphenyl	*117*		*70 - 130*	*11/18/22 12:42*	*11/19/22 22:32*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**222**		5.03		mg/Kg			11/19/22 06:17	1

Client Sample ID: CS-3 (3.5')

Lab Sample ID: 880-21744-3
Matrix: Solid
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/18/22 09:24	11/18/22 16:50	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/18/22 09:24	11/18/22 16:50	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/18/22 09:24	11/18/22 16:50	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/18/22 09:24	11/18/22 16:50	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/18/22 09:24	11/18/22 16:50	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/18/22 09:24	11/18/22 16:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*11/18/22 09:24*	*11/18/22 16:50*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*11/18/22 09:24*	*11/18/22 16:50*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			11/21/22 15:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/21/22 11:18	1

Method: SW846 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		11/18/22 12:42	11/19/22 22:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/18/22 12:42	11/19/22 22:53	1

Client Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-21744-1
SDG: Lea County, New Mexico

Client Sample ID: CS-3 (3.5')

Lab Sample ID: 880-21744-3
Matrix: Solid
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

Method: SW846 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		11/18/22 12:42	11/19/22 22:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*111*		*70 - 130*	*11/18/22 12:42*	*11/19/22 22:53*	*1*
o-Terphenyl	*123*		*70 - 130*	*11/18/22 12:42*	*11/19/22 22:53*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13.7**		5.00		mg/Kg			11/19/22 06:24	1

Client Sample ID: CS-4 (9')

Lab Sample ID: 880-21744-4
Matrix: Solid
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/18/22 09:24	11/18/22 17:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/18/22 09:24	11/18/22 17:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/18/22 09:24	11/18/22 17:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/18/22 09:24	11/18/22 17:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/18/22 09:24	11/18/22 17:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/18/22 09:24	11/18/22 17:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*	*11/18/22 09:24*	*11/18/22 17:10*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*11/18/22 09:24*	*11/18/22 17:10*	*1*

Method: TAL SOP 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			11/21/22 15:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/21/22 11:18	1

Method: SW846 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		11/18/22 12:42	11/19/22 23:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/18/22 12:42	11/19/22 23:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/18/22 12:42	11/19/22 23:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*123*		*70 - 130*	*11/18/22 12:42*	*11/19/22 23:15*	*1*
o-Terphenyl	*139*	*S1+*	*70 - 130*	*11/18/22 12:42*	*11/19/22 23:15*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**70.6**		4.98		mg/Kg			11/19/22 06:32	1

Client Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-21744-1
SDG: Lea County, New Mexico

Client Sample ID: CS-5 (9')

Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

Lab Sample ID: 880-21744-5
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/18/22 09:24	11/18/22 17:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/18/22 09:24	11/18/22 17:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/18/22 09:24	11/18/22 17:30	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/18/22 09:24	11/18/22 17:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/18/22 09:24	11/18/22 17:30	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/18/22 09:24	11/18/22 17:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*11/18/22 09:24*	*11/18/22 17:30*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*11/18/22 09:24*	*11/18/22 17:30*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			11/21/22 15:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/21/22 11:18	1

Method: SW846 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		11/18/22 12:42	11/19/22 23:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/18/22 12:42	11/19/22 23:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/18/22 12:42	11/19/22 23:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*117*		*70 - 130*	*11/18/22 12:42*	*11/19/22 23:36*	*1*
o-Terphenyl	*134*	*S1+*	*70 - 130*	*11/18/22 12:42*	*11/19/22 23:36*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**34.4**		4.97		mg/Kg			11/19/22 06:39	1

Client Sample ID: CS-6 (2.5')

Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

Lab Sample ID: 880-21744-6
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/18/22 09:24	11/18/22 17:51	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/18/22 09:24	11/18/22 17:51	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/18/22 09:24	11/18/22 17:51	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/18/22 09:24	11/18/22 17:51	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/18/22 09:24	11/18/22 17:51	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/18/22 09:24	11/18/22 17:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*	*11/18/22 09:24*	*11/18/22 17:51*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*11/18/22 09:24*	*11/18/22 17:51*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-21744-1
SDG: Lea County, New Mexico

Client Sample ID: CS-6 (2.5')

Lab Sample ID: 880-21744-6
Matrix: Solid
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			11/21/22 15:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/21/22 11:18	1

Method: SW846 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		11/18/22 12:42	11/19/22 23:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/18/22 12:42	11/19/22 23:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/18/22 12:42	11/19/22 23:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*11/18/22 12:42*	*11/19/22 23:57*	*1*
o-Terphenyl	*118*		*70 - 130*	*11/18/22 12:42*	*11/19/22 23:57*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**26.6**		5.05		mg/Kg			11/19/22 07:00	1

Client Sample ID: CS-7 (2.5')

Lab Sample ID: 880-21744-7
Matrix: Solid
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/18/22 09:24	11/18/22 18:11	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/18/22 09:24	11/18/22 18:11	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/18/22 09:24	11/18/22 18:11	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/18/22 09:24	11/18/22 18:11	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/18/22 09:24	11/18/22 18:11	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/18/22 09:24	11/18/22 18:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*11/18/22 09:24*	*11/18/22 18:11*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*11/18/22 09:24*	*11/18/22 18:11*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			11/21/22 15:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/21/22 11:18	1

Method: SW846 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		11/18/22 12:42	11/20/22 00:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/18/22 12:42	11/20/22 00:19	1

Client Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-21744-1
SDG: Lea County, New Mexico

Client Sample ID: CS-7 (2.5')
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

Lab Sample ID: 880-21744-7
Matrix: Solid

Method: SW846 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		11/18/22 12:42	11/20/22 00:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*114*		*70 - 130*	*11/18/22 12:42*	*11/20/22 00:19*	*1*
o-Terphenyl	*127*		*70 - 130*	*11/18/22 12:42*	*11/20/22 00:19*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**21.5**		5.04		mg/Kg			11/19/22 07:07	1

Client Sample ID: CS-8 (2.5')
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

Lab Sample ID: 880-21744-8
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/18/22 09:21	11/18/22 18:32	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/18/22 09:21	11/18/22 18:32	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/18/22 09:21	11/18/22 18:32	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/18/22 09:21	11/18/22 18:32	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/18/22 09:21	11/18/22 18:32	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/18/22 09:21	11/18/22 18:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*79*		*70 - 130*	*11/18/22 09:21*	*11/18/22 18:32*	*1*
1,4-Difluorobenzene (Surr)	*70*		*70 - 130*	*11/18/22 09:21*	*11/18/22 18:32*	*1*

Method: TAL SOP 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			11/21/22 15:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/21/22 11:18	1

Method: SW846 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		11/18/22 12:42	11/20/22 00:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/18/22 12:42	11/20/22 00:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/18/22 12:42	11/20/22 00:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 130*	*11/18/22 12:42*	*11/20/22 00:40*	*1*
o-Terphenyl	*121*		*70 - 130*	*11/18/22 12:42*	*11/20/22 00:40*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13.6**		5.02		mg/Kg			11/19/22 07:14	1

Client Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-21744-1
SDG: Lea County, New Mexico

Client Sample ID: CS-9 (2.5')

Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

Lab Sample ID: 880-21744-9
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/18/22 09:24	11/18/22 18:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/18/22 09:24	11/18/22 18:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/18/22 09:24	11/18/22 18:52	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/18/22 09:24	11/18/22 18:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/18/22 09:24	11/18/22 18:52	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/18/22 09:24	11/18/22 18:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*11/18/22 09:24*	*11/18/22 18:52*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*11/18/22 09:24*	*11/18/22 18:52*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/21/22 15:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/21/22 11:18	1

Method: SW846 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		11/18/22 12:42	11/20/22 01:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/18/22 12:42	11/20/22 01:02	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/18/22 12:42	11/20/22 01:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*11/18/22 12:42*	*11/20/22 01:02*	*1*
o-Terphenyl	*113*		*70 - 130*	*11/18/22 12:42*	*11/20/22 01:02*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13.6**		5.01		mg/Kg			11/19/22 07:21	1

Client Sample ID: CS-10 (1.5')

Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

Lab Sample ID: 880-21744-10
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/18/22 09:28	11/18/22 16:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/18/22 09:28	11/18/22 16:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/18/22 09:28	11/18/22 16:12	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/18/22 09:28	11/18/22 16:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/18/22 09:28	11/18/22 16:12	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/18/22 09:28	11/18/22 16:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*11/18/22 09:28*	*11/18/22 16:12*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*11/18/22 09:28*	*11/18/22 16:12*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-21744-1
SDG: Lea County, New Mexico

Client Sample ID: CS-10 (1.5')

Lab Sample ID: 880-21744-10
Matrix: Solid
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/18/22 16:46	1

Method: SW846 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			11/21/22 11:18	1

Method: SW846 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		11/18/22 12:42	11/20/22 01:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/18/22 12:42	11/20/22 01:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/18/22 12:42	11/20/22 01:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*11/18/22 12:42*	*11/20/22 01:23*	*1*
o-Terphenyl	*120*		*70 - 130*	*11/18/22 12:42*	*11/20/22 01:23*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**218**		5.00		mg/Kg			11/19/22 07:28	1

Client Sample ID: SW-1 (4.5')

Lab Sample ID: 880-21744-11
Matrix: Solid
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/18/22 09:28	11/18/22 16:33	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/18/22 09:28	11/18/22 16:33	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/18/22 09:28	11/18/22 16:33	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/18/22 09:28	11/18/22 16:33	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/18/22 09:28	11/18/22 16:33	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/18/22 09:28	11/18/22 16:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*11/18/22 09:28*	*11/18/22 16:33*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*11/18/22 09:28*	*11/18/22 16:33*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			11/21/22 15:09	1

Method: SW846 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			11/21/22 11:18	1

Method: SW846 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		11/18/22 12:42	11/20/22 05:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/18/22 12:42	11/20/22 05:20	1

Client Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-21744-1
SDG: Lea County, New Mexico

Client Sample ID: SW-1 (4.5')

Lab Sample ID: 880-21744-11
Matrix: Solid
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/18/22 12:42	11/20/22 05:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*11/18/22 12:42*	*11/20/22 05:20*	*1*
o-Terphenyl	*115*		*70 - 130*	*11/18/22 12:42*	*11/20/22 05:20*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**48.4**		4.99		mg/Kg			11/19/22 07:36	1

Client Sample ID: SW-2 (1')

Lab Sample ID: 880-21744-12
Matrix: Solid
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/18/22 09:28	11/18/22 16:53	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/18/22 09:28	11/18/22 16:53	1
Ethylbenzene	**0.00220**		0.00201		mg/Kg		11/18/22 09:28	11/18/22 16:53	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/18/22 09:28	11/18/22 16:53	1
o-Xylene	**0.00237**		0.00201		mg/Kg		11/18/22 09:28	11/18/22 16:53	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/18/22 09:28	11/18/22 16:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*	*11/18/22 09:28*	*11/18/22 16:53*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*11/18/22 09:28*	*11/18/22 16:53*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00457**		0.00402		mg/Kg			11/21/22 15:09	1

Method: SW846 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			11/21/22 11:18	1

Method: SW846 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		11/18/22 12:42	11/20/22 02:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/18/22 12:42	11/20/22 02:06	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/18/22 12:42	11/20/22 02:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*11/18/22 12:42*	*11/20/22 02:06*	*1*
o-Terphenyl	*114*		*70 - 130*	*11/18/22 12:42*	*11/20/22 02:06*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**227**		4.97		mg/Kg			11/19/22 07:57	1

Client Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-21744-1
SDG: Lea County, New Mexico

Client Sample ID: SW-3 (3.5')

Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

Lab Sample ID: 880-21744-13

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/18/22 09:28	11/18/22 17:14	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/18/22 09:28	11/18/22 17:14	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/18/22 09:28	11/18/22 17:14	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/18/22 09:28	11/18/22 17:14	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/18/22 09:28	11/18/22 17:14	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/18/22 09:28	11/18/22 17:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*11/18/22 09:28*	*11/18/22 17:14*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*11/18/22 09:28*	*11/18/22 17:14*	*1*

Method: TAL SOP 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			11/21/22 15:09	1

Method: SW846 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			11/21/22 11:18	1

Method: SW846 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		11/18/22 12:42	11/20/22 02:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/18/22 12:42	11/20/22 02:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/18/22 12:42	11/20/22 02:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*106*		*70 - 130*	*11/18/22 12:42*	*11/20/22 02:28*	*1*
o-Terphenyl	*119*		*70 - 130*	*11/18/22 12:42*	*11/20/22 02:28*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13.2**		4.98		mg/Kg			11/19/22 08:04	1

Client Sample ID: SW-4 (1')

Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

Lab Sample ID: 880-21744-14

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/18/22 09:28	11/18/22 17:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/18/22 09:28	11/18/22 17:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/18/22 09:28	11/18/22 17:34	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/18/22 09:28	11/18/22 17:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/18/22 09:28	11/18/22 17:34	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/18/22 09:28	11/18/22 17:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*11/18/22 09:28*	*11/18/22 17:34*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*11/18/22 09:28*	*11/18/22 17:34*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-21744-1
SDG: Lea County, New Mexico

Client Sample ID: SW-4 (1')

Lab Sample ID: 880-21744-14
Matrix: Solid
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

Method: TAL SOP 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			11/21/22 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**160**		50.0		mg/Kg			11/21/22 11:18	1

Method: SW846 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		11/18/22 12:42	11/20/22 02:49	1
Diesel Range Organics (Over C10-C28)	**160**		50.0		mg/Kg		11/18/22 12:42	11/20/22 02:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/18/22 12:42	11/20/22 02:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*106*		*70 - 130*	*11/18/22 12:42*	*11/20/22 02:49*	*1*
o-Terphenyl	*118*		*70 - 130*	*11/18/22 12:42*	*11/20/22 02:49*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**191**		5.04		mg/Kg			11/19/22 08:25	1

Client Sample ID: SW-5 (5.5')

Lab Sample ID: 880-21744-15
Matrix: Solid
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/18/22 09:28	11/18/22 17:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/18/22 09:28	11/18/22 17:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/18/22 09:28	11/18/22 17:54	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/18/22 09:28	11/18/22 17:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/18/22 09:28	11/18/22 17:54	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/18/22 09:28	11/18/22 17:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*11/18/22 09:28*	*11/18/22 17:54*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*11/18/22 09:28*	*11/18/22 17:54*	*1*

Method: TAL SOP 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			11/21/22 15:09	1

Method: SW846 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			11/21/22 11:18	1

Method: SW846 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		11/18/22 12:42	11/20/22 03:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/18/22 12:42	11/20/22 03:11	1

Client Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-21744-1
SDG: Lea County, New Mexico

Client Sample ID: SW-5 (5.5')

Lab Sample ID: 880-21744-15
Matrix: Solid
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

Method: SW846 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		11/18/22 12:42	11/20/22 03:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*11/18/22 12:42*	*11/20/22 03:11*	*1*
o-Terphenyl	*116*		*70 - 130*	*11/18/22 12:42*	*11/20/22 03:11*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**34.8**		5.04		mg/Kg			11/19/22 08:33	1

Client Sample ID: SW-6 (7.5')

Lab Sample ID: 880-21744-16
Matrix: Solid
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/18/22 09:28	11/18/22 18:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/18/22 09:28	11/18/22 18:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/18/22 09:28	11/18/22 18:15	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/18/22 09:28	11/18/22 18:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/18/22 09:28	11/18/22 18:15	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/18/22 09:28	11/18/22 18:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*76*		*70 - 130*	*11/18/22 09:28*	*11/18/22 18:15*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*11/18/22 09:28*	*11/18/22 18:15*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/21/22 15:09	1

Method: SW846 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			11/21/22 11:18	1

Method: SW846 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		11/18/22 12:42	11/20/22 03:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/18/22 12:42	11/20/22 03:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/18/22 12:42	11/20/22 03:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*11/18/22 12:42*	*11/20/22 03:33*	*1*
o-Terphenyl	*109*		*70 - 130*	*11/18/22 12:42*	*11/20/22 03:33*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**20.3**		5.00		mg/Kg			11/19/22 08:40	1

Client Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-21744-1
SDG: Lea County, New Mexico

Client Sample ID: SW-7 (9')

Lab Sample ID: 880-21744-17
Matrix: Solid
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/18/22 09:28	11/18/22 20:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/18/22 09:28	11/18/22 20:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/18/22 09:28	11/18/22 20:05	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/18/22 09:28	11/18/22 20:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/18/22 09:28	11/18/22 20:05	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/18/22 09:28	11/18/22 20:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*11/18/22 09:28*	*11/18/22 20:05*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*11/18/22 09:28*	*11/18/22 20:05*	*1*

Method: TAL SOP 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			11/21/22 15:09	1

Method: SW846 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			11/21/22 11:18	1

Method: SW846 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		11/18/22 12:42	11/20/22 03:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/18/22 12:42	11/20/22 03:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/18/22 12:42	11/20/22 03:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*121*		*70 - 130*	*11/18/22 12:42*	*11/20/22 03:54*	*1*
o-Terphenyl	*137*	*S1+*	*70 - 130*	*11/18/22 12:42*	*11/20/22 03:54*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**142**		4.98		mg/Kg			11/19/22 08:47	1

Client Sample ID: SW-8 (4.5')

Lab Sample ID: 880-21744-18
Matrix: Solid
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/18/22 09:28	11/18/22 20:25	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/18/22 09:28	11/18/22 20:25	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/18/22 09:28	11/18/22 20:25	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/18/22 09:28	11/18/22 20:25	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/18/22 09:28	11/18/22 20:25	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/18/22 09:28	11/18/22 20:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*11/18/22 09:28*	*11/18/22 20:25*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*11/18/22 09:28*	*11/18/22 20:25*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-21744-1
SDG: Lea County, New Mexico

Client Sample ID: SW-8 (4.5')

Lab Sample ID: 880-21744-18
Matrix: Solid
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			11/21/22 15:09	1

Method: SW846 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			11/21/22 11:18	1

Method: SW846 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		11/18/22 12:42	11/20/22 04:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/18/22 12:42	11/20/22 04:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/18/22 12:42	11/20/22 04:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*122*		*70 - 130*	*11/18/22 12:42*	*11/20/22 04:16*	*1*
o-Terphenyl	*130*		*70 - 130*	*11/18/22 12:42*	*11/20/22 04:16*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**19.4**		4.95		mg/Kg			11/19/22 08:54	1

Client Sample ID: SW-9 (2.5')

Lab Sample ID: 880-21744-19
Matrix: Solid
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		11/18/22 09:28	11/18/22 20:45	1
Toluene	<0.00202	U	0.00202		mg/Kg		11/18/22 09:28	11/18/22 20:45	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		11/18/22 09:28	11/18/22 20:45	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		11/18/22 09:28	11/18/22 20:45	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		11/18/22 09:28	11/18/22 20:45	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		11/18/22 09:28	11/18/22 20:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*11/18/22 09:28*	*11/18/22 20:45*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*11/18/22 09:28*	*11/18/22 20:45*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			11/21/22 15:09	1

Method: SW846 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			11/21/22 11:18	1

Method: SW846 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		11/18/22 12:42	11/20/22 04:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/18/22 12:42	11/20/22 04:37	1

Client Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-21744-1
SDG: Lea County, New Mexico

Client Sample ID: SW-9 (2.5')

Lab Sample ID: 880-21744-19
Matrix: Solid
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

Method: SW846 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		11/18/22 12:42	11/20/22 04:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*11/18/22 12:42*	*11/20/22 04:37*	*1*
o-Terphenyl	*111*		*70 - 130*	*11/18/22 12:42*	*11/20/22 04:37*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**48.2**		4.96		mg/Kg			11/19/22 09:01	1

Client Sample ID: SW-10 (2.5')

Lab Sample ID: 880-21744-20
Matrix: Solid
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/18/22 09:28	11/18/22 21:06	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/18/22 09:28	11/18/22 21:06	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/18/22 09:28	11/18/22 21:06	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/18/22 09:28	11/18/22 21:06	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/18/22 09:28	11/18/22 21:06	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/18/22 09:28	11/18/22 21:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*11/18/22 09:28*	*11/18/22 21:06*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*11/18/22 09:28*	*11/18/22 21:06*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			11/21/22 15:09	1

Method: SW846 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			11/21/22 11:18	1

Method: SW846 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		11/18/22 12:42	11/20/22 04:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/18/22 12:42	11/20/22 04:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/18/22 12:42	11/20/22 04:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*11/18/22 12:42*	*11/20/22 04:58*	*1*
o-Terphenyl	*117*		*70 - 130*	*11/18/22 12:42*	*11/20/22 04:58*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**65.2**		4.95		mg/Kg			11/19/22 09:08	1

Client Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-21744-1
SDG: Lea County, New Mexico

Client Sample ID: SW-11 (2.5')

Lab Sample ID: 880-21744-21
Matrix: Solid
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/18/22 09:28	11/18/22 21:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/18/22 09:28	11/18/22 21:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/18/22 09:28	11/18/22 21:26	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/18/22 09:28	11/18/22 21:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/18/22 09:28	11/18/22 21:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/18/22 09:28	11/18/22 21:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*76*		*70 - 130*	*11/18/22 09:28*	*11/18/22 21:26*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*11/18/22 09:28*	*11/18/22 21:26*	*1*

Method: TAL SOP 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			11/21/22 15:09	1

Method: SW846 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			11/21/22 10:28	1

Method: SW846 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		11/18/22 12:45	11/19/22 19:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/18/22 12:45	11/19/22 19:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/18/22 12:45	11/19/22 19:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*11/18/22 12:45*	*11/19/22 19:18*	*1*
o-Terphenyl	*96*		*70 - 130*	*11/18/22 12:45*	*11/19/22 19:18*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**24.0**		5.00		mg/Kg			11/22/22 14:22	1

Client Sample ID: SW-12 (1')

Lab Sample ID: 880-21744-22
Matrix: Solid
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/18/22 09:28	11/18/22 21:47	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/18/22 09:28	11/18/22 21:47	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/18/22 09:28	11/18/22 21:47	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/18/22 09:28	11/18/22 21:47	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/18/22 09:28	11/18/22 21:47	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/18/22 09:28	11/18/22 21:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*11/18/22 09:28*	*11/18/22 21:47*	*1*
1,4-Difluorobenzene (Surr)	*123*		*70 - 130*	*11/18/22 09:28*	*11/18/22 21:47*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-21744-1
SDG: Lea County, New Mexico

Client Sample ID: SW-12 (1')
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

Lab Sample ID: 880-21744-22
Matrix: Solid

Method: TAL SOP 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			11/21/22 15:09	1

Method: SW846 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			11/21/22 10:28	1

Method: SW846 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		11/18/22 12:45	11/19/22 19:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/18/22 12:45	11/19/22 19:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/18/22 12:45	11/19/22 19:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*11/18/22 12:45*	*11/19/22 19:40*	*1*
o-Terphenyl	*104*		*70 - 130*	*11/18/22 12:45*	*11/19/22 19:40*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**22.2**		5.02		mg/Kg			11/19/22 10:48	1

Client Sample ID: SW-13 (1')
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

Lab Sample ID: 880-21744-23
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/18/22 09:28	11/18/22 22:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/18/22 09:28	11/18/22 22:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/18/22 09:28	11/18/22 22:07	1
m-Xylene & p-Xylene	**0.00680**		0.00401		mg/Kg		11/18/22 09:28	11/18/22 22:07	1
o-Xylene	**0.00476**		0.00200		mg/Kg		11/18/22 09:28	11/18/22 22:07	1
Xylenes, Total	**0.0116**		0.00401		mg/Kg		11/18/22 09:28	11/18/22 22:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*11/18/22 09:28*	*11/18/22 22:07*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*11/18/22 09:28*	*11/18/22 22:07*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0116**		0.00401		mg/Kg			11/21/22 15:09	1

Method: SW846 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			11/21/22 10:39	1

Method: SW846 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		11/18/22 13:35	11/21/22 03:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/18/22 13:35	11/21/22 03:11	1

Client Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-21744-1
SDG: Lea County, New Mexico

Client Sample ID: SW-13 (1')
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

Lab Sample ID: 880-21744-23
Matrix: Solid

Method: SW846 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		11/18/22 13:35	11/21/22 03:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*11/18/22 13:35*	*11/21/22 03:11*	*1*
o-Terphenyl	*99*		*70 - 130*	*11/18/22 13:35*	*11/21/22 03:11*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**15.1**		4.98		mg/Kg			11/19/22 11:09	1

Client Sample ID: SW-14 (1.5')
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

Lab Sample ID: 880-21744-24
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/18/22 09:28	11/18/22 22:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/18/22 09:28	11/18/22 22:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/18/22 09:28	11/18/22 22:27	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/18/22 09:28	11/18/22 22:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/18/22 09:28	11/18/22 22:27	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/18/22 09:28	11/18/22 22:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*11/18/22 09:28*	*11/18/22 22:27*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*11/18/22 09:28*	*11/18/22 22:27*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/21/22 15:09	1

Method: SW846 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			11/21/22 10:39	1

Method: SW846 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		11/18/22 13:35	11/21/22 03:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/18/22 13:35	11/21/22 03:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/18/22 13:35	11/21/22 03:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*11/18/22 13:35*	*11/21/22 03:33*	*1*
o-Terphenyl	*87*		*70 - 130*	*11/18/22 13:35*	*11/21/22 03:33*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**23.1**		4.97		mg/Kg			11/19/22 11:16	1

Surrogate Summary

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-21744-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-21721-A-5-A MS	Matrix Spike	80	93
880-21721-A-5-B MSD	Matrix Spike Duplicate	65 S1-	102
880-21721-A-8-B MS	Matrix Spike	104	101
880-21721-A-8-C MSD	Matrix Spike Duplicate	100	118
880-21744-1	CS-1 (4.5')	84	104
880-21744-2	CS-2 (4.5')	93	98
880-21744-3	CS-3 (3.5')	87	113
880-21744-4	CS-4 (9')	82	111
880-21744-5	CS-5 (9')	92	104
880-21744-6	CS-6 (2.5')	83	93
880-21744-7	CS-7 (2.5')	94	101
880-21744-8	CS-8 (2.5')	79	70
880-21744-9	CS-9 (2.5')	85	85
880-21744-10	CS-10 (1.5')	91	113
880-21744-11	SW-1 (4.5')	85	108
880-21744-12	SW-2 (1')	82	111
880-21744-13	SW-3 (3.5')	87	109
880-21744-14	SW-4 (1')	94	114
880-21744-15	SW-5 (5.5')	96	109
880-21744-16	SW-6 (7.5')	76	100
880-21744-17	SW-7 (9')	84	100
880-21744-18	SW-8 (4.5')	85	105
880-21744-19	SW-9 (2.5')	101	109
880-21744-20	SW-10 (2.5')	96	113
880-21744-21	SW-11 (2.5')	76	104
880-21744-22	SW-12 (1')	88	123
880-21744-23	SW-13 (1')	94	109
880-21744-24	SW-14 (1.5')	102	103
LCS 880-39818/1-A	Lab Control Sample	91	101
LCS 880-39820/1-A	Lab Control Sample	84	116
LCSD 880-39818/2-A	Lab Control Sample Dup	91	103
LCSD 880-39820/2-A	Lab Control Sample Dup	93	117
MB 880-39818/5-A	Method Blank	76	106
MB 880-39820/5-A	Method Blank	83	98

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)
880-21744-1	CS-1 (4.5')	95	108
880-21744-1 MS	CS-1 (4.5')	87	85
880-21744-1 MSD	CS-1 (4.5')	86	85
880-21744-2	CS-2 (4.5')	99	117
880-21744-3	CS-3 (3.5')	111	123

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
Job ID: 880-21744-1
Project/Site: West Corbin Fed Battery
SDG: Lea County, New Mexico

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)
880-21744-4	CS-4 (9')	123	139 S1+
880-21744-5	CS-5 (9')	117	134 S1+
880-21744-6	CS-6 (2.5')	103	118
880-21744-7	CS-7 (2.5')	114	127
880-21744-8	CS-8 (2.5')	105	121
880-21744-9	CS-9 (2.5')	99	113
880-21744-10	CS-10 (1.5')	102	120
880-21744-11	SW-1 (4.5')	102	115
880-21744-12	SW-2 (1')	98	114
880-21744-13	SW-3 (3.5')	106	119
880-21744-14	SW-4 (1')	106	118
880-21744-15	SW-5 (5.5')	101	116
880-21744-16	SW-6 (7.5')	99	109
880-21744-17	SW-7 (9')	121	137 S1+
880-21744-18	SW-8 (4.5')	122	130
880-21744-19	SW-9 (2.5')	98	111
880-21744-20	SW-10 (2.5')	101	117
880-21744-21	SW-11 (2.5')	96	96
880-21744-22	SW-12 (1')	102	104
880-21744-23	SW-13 (1')	100	99
880-21744-24	SW-14 (1.5')	96	87
890-3495-A-1-I MS	Matrix Spike	84	74
890-3495-A-1-J MSD	Matrix Spike Duplicate	91	81
890-3497-A-1-F MS	Matrix Spike	98	78
890-3497-A-1-G MSD	Matrix Spike Duplicate	102	82
LCS 880-39925/2-A	Lab Control Sample	177 S1+	199 S1+
LCS 880-39926/2-A	Lab Control Sample	107	90
LCS 880-39928/2-A	Lab Control Sample	100	104
LCSD 880-39925/3-A	Lab Control Sample Dup	188 S1+	217 S1+
LCSD 880-39926/3-A	Lab Control Sample Dup	100	90
LCSD 880-39928/3-A	Lab Control Sample Dup	98	102
MB 880-39925/1-A	Method Blank	116	136 S1+
MB 880-39926/1-A	Method Blank	93	85
MB 880-39928/1-A	Method Blank	127	123

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-21744-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-39818/5-A
Matrix: Solid
Analysis Batch: 39916

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 39818

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/17/22 13:46	11/18/22 14:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/17/22 13:46	11/18/22 14:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/17/22 13:46	11/18/22 14:42	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/17/22 13:46	11/18/22 14:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/17/22 13:46	11/18/22 14:42	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/17/22 13:46	11/18/22 14:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*76*		*70 - 130*	*11/17/22 13:46*	*11/18/22 14:42*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*11/17/22 13:46*	*11/18/22 14:42*	*1*

Lab Sample ID: LCS 880-39818/1-A
Matrix: Solid
Analysis Batch: 39916

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 39818

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09165		mg/Kg		92	70 - 130
Toluene	0.100	0.1004		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.09975		mg/Kg		100	70 - 130
m-Xylene & p-Xylene	0.200	0.1810		mg/Kg		90	70 - 130
o-Xylene	0.100	0.08790		mg/Kg		88	70 - 130

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

Lab Sample ID: LCSD 880-39818/2-A
Matrix: Solid
Analysis Batch: 39916

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 39818

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08783		mg/Kg		88	70 - 130	4	35
Toluene	0.100	0.1024		mg/Kg		102	70 - 130	2	35
Ethylbenzene	0.100	0.1021		mg/Kg		102	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.1881		mg/Kg		94	70 - 130	4	35
o-Xylene	0.100	0.09190		mg/Kg		92	70 - 130	4	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*

Lab Sample ID: 880-21721-A-5-A MS
Matrix: Solid
Analysis Batch: 39916

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 39818

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U F1	0.0996	0.05107	F1	mg/Kg		51	70 - 130
Toluene	<0.00201	U F1	0.0996	0.06824	F1	mg/Kg		69	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-21744-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-21721-A-5-A MS
Matrix: Solid
Analysis Batch: 39916

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 39818

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U F1	0.0996	0.06774	F1	mg/Kg		68	70 - 130
m-Xylene & p-Xylene	<0.00402	U F1	0.199	0.1252	F1	mg/Kg		62	70 - 130
o-Xylene	<0.00201	U F1	0.0996	0.06293	F1	mg/Kg		62	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*80*		*70 - 130*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*

Lab Sample ID: 880-21721-A-5-B MSD
Matrix: Solid
Analysis Batch: 39916

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 39818

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U F1	0.101	0.06193	F1	mg/Kg		61	70 - 130	19	35
Toluene	<0.00201	U F1	0.101	0.06521	F1	mg/Kg		65	70 - 130	5	35
Ethylbenzene	<0.00201	U F1	0.101	0.06545	F1	mg/Kg		65	70 - 130	3	35
m-Xylene & p-Xylene	<0.00402	U F1	0.202	0.1127	F1	mg/Kg		55	70 - 130	10	35
o-Xylene	<0.00201	U F1	0.101	0.05544	F1	mg/Kg		54	70 - 130	13	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*65*	*S1-*	*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: MB 880-39820/5-A
Matrix: Solid
Analysis Batch: 39825

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 39820

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/17/22 13:49	11/18/22 11:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/17/22 13:49	11/18/22 11:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/17/22 13:49	11/18/22 11:20	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/17/22 13:49	11/18/22 11:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/17/22 13:49	11/18/22 11:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/17/22 13:49	11/18/22 11:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*	*11/17/22 13:49*	*11/18/22 11:20*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*11/17/22 13:49*	*11/18/22 11:20*	*1*

Lab Sample ID: LCS 880-39820/1-A
Matrix: Solid
Analysis Batch: 39825

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 39820

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1216		mg/Kg		122	70 - 130
Toluene	0.100	0.1016		mg/Kg		102	70 - 130
Ethylbenzene	0.100	0.09404		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.1879		mg/Kg		94	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-21744-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-39820/1-A
Matrix: Solid
Analysis Batch: 39825

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 39820

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.100	0.09142		mg/Kg		91	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*
1,4-Difluorobenzene (Surr)	*116*		*70 - 130*

Lab Sample ID: LCSD 880-39820/2-A
Matrix: Solid
Analysis Batch: 39825

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 39820

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1176		mg/Kg		118	70 - 130	3	35
Toluene			0.100	0.09869		mg/Kg		99	70 - 130	3	35
Ethylbenzene			0.100	0.09478		mg/Kg		95	70 - 130	1	35
m-Xylene & p-Xylene			0.200	0.1941		mg/Kg		97	70 - 130	3	35
o-Xylene			0.100	0.09469		mg/Kg		95	70 - 130	4	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*
1,4-Difluorobenzene (Surr)	*117*		*70 - 130*

Lab Sample ID: 880-21721-A-8-B MS
Matrix: Solid
Analysis Batch: 39825

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 39820

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00202	U F1 F2	0.100	0.04045	F1	mg/Kg		40	70 - 130		
Toluene	<0.00202	U F1 F2	0.100	0.03894	F1	mg/Kg		39	70 - 130		
Ethylbenzene	<0.00202	U F1 F2	0.100	0.03955	F1	mg/Kg		39	70 - 130		
m-Xylene & p-Xylene	<0.00403	U F1 F2	0.201	0.07744	F1	mg/Kg		39	70 - 130		
o-Xylene	<0.00202	U F1 F2	0.100	0.03721	F1	mg/Kg		37	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 880-21721-A-8-C MSD
Matrix: Solid
Analysis Batch: 39825

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 39820

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U F1 F2	0.0990	0.07289	F2	mg/Kg		74	70 - 130	57	35
Toluene	<0.00202	U F1 F2	0.0990	0.06065	F1 F2	mg/Kg		61	70 - 130	44	35
Ethylbenzene	<0.00202	U F1 F2	0.0990	0.05864	F1 F2	mg/Kg		59	70 - 130	39	35
m-Xylene & p-Xylene	<0.00403	U F1 F2	0.198	0.1184	F1 F2	mg/Kg		60	70 - 130	42	35
o-Xylene	<0.00202	U F1 F2	0.0990	0.05808	F1 F2	mg/Kg		59	70 - 130	44	35

QC Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-21744-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-21721-A-8-C MSD
Matrix: Solid
Analysis Batch: 39825

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 39820

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	118		70 - 130

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

Lab Sample ID: MB 880-39925/1-A
Matrix: Solid
Analysis Batch: 39958

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 39925

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		11/18/22 12:42	11/19/22 20:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/18/22 12:42	11/19/22 20:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/18/22 12:42	11/19/22 20:22	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130	11/18/22 12:42	11/19/22 20:22	1
o-Terphenyl	136	S1+	70 - 130	11/18/22 12:42	11/19/22 20:22	1

Lab Sample ID: LCS 880-39925/2-A
Matrix: Solid
Analysis Batch: 39958

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 39925

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	877.8		mg/Kg		88	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1007		mg/Kg		101	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	177	S1+	70 - 130
o-Terphenyl	199	S1+	70 - 130

Lab Sample ID: LCSD 880-39925/3-A
Matrix: Solid
Analysis Batch: 39958

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 39925

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1029		mg/Kg		103	70 - 130	16	20
Diesel Range Organics (Over C10-C28)			1000	1113		mg/Kg		111	70 - 130	10	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	188	S1+	70 - 130
o-Terphenyl	217	S1+	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-21744-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-21744-1 MS
Matrix: Solid
Analysis Batch: 39958

Client Sample ID: CS-1 (4.5')
Prep Type: Total/NA
Prep Batch: 39925

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	932.6		mg/Kg		91	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	999	1168		mg/Kg		117	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*87*		*70 - 130*
o-Terphenyl	*85*		*70 - 130*

Lab Sample ID: 880-21744-1 MSD
Matrix: Solid
Analysis Batch: 39958

Client Sample ID: CS-1 (4.5')
Prep Type: Total/NA
Prep Batch: 39925

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	<50.0	U	997	924.0		mg/Kg		90	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U	997	1178		mg/Kg		118	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*86*		*70 - 130*
o-Terphenyl	*85*		*70 - 130*

Lab Sample ID: MB 880-39926/1-A
Matrix: Solid
Analysis Batch: 39956

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 39926

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		11/18/22 12:45	11/19/22 09:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/18/22 12:45	11/19/22 09:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/18/22 12:45	11/19/22 09:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*11/18/22 12:45*	*11/19/22 09:07*	*1*
o-Terphenyl	*85*		*70 - 130*	*11/18/22 12:45*	*11/19/22 09:07*	*1*

Lab Sample ID: LCS 880-39926/2-A
Matrix: Solid
Analysis Batch: 39956

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 39926

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	759.0		mg/Kg		76	70 - 130
Diesel Range Organics (Over C10-C28)	1000	787.1		mg/Kg		79	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-21744-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-39926/2-A
Matrix: Solid
Analysis Batch: 39956

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 39926

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	107		70 - 130
o-Terphenyl	90		70 - 130

Lab Sample ID: LCSD 880-39926/3-A
Matrix: Solid
Analysis Batch: 39956

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 39926

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	749.4		mg/Kg		75	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	777.9		mg/Kg		78	70 - 130	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	100		70 - 130
o-Terphenyl	90		70 - 130

Lab Sample ID: 890-3495-A-1-I MS
Matrix: Solid
Analysis Batch: 39956

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 39926

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	938.0		mg/Kg		94	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	999	965.3		mg/Kg		94	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	84		70 - 130
o-Terphenyl	74		70 - 130

Lab Sample ID: 890-3495-A-1-J MSD
Matrix: Solid
Analysis Batch: 39956

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 39926

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	<50.0	U	997	976.9		mg/Kg		98	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<50.0	U	997	1060		mg/Kg		104	70 - 130	9	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	91		70 - 130
o-Terphenyl	81		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-21744-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-39928/1-A
Matrix: Solid
Analysis Batch: 39984

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 39928

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		11/18/22 13:35	11/20/22 19:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/18/22 13:35	11/20/22 19:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/18/22 13:35	11/20/22 19:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*127*		*70 - 130*	*11/18/22 13:35*	*11/20/22 19:18*	*1*
o-Terphenyl	*123*		*70 - 130*	*11/18/22 13:35*	*11/20/22 19:18*	*1*

Lab Sample ID: LCS 880-39928/2-A
Matrix: Solid
Analysis Batch: 39984

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 39928

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	965.5		mg/Kg		97	70 - 130
Diesel Range Organics (Over C10-C28)	1000	983.4		mg/Kg		98	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*100*		*70 - 130*
o-Terphenyl	*104*		*70 - 130*

Lab Sample ID: LCSD 880-39928/3-A
Matrix: Solid
Analysis Batch: 39984

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 39928

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	891.4		mg/Kg		89	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	1000	967.7		mg/Kg		97	70 - 130	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*98*		*70 - 130*
o-Terphenyl	*102*		*70 - 130*

Lab Sample ID: 890-3497-A-1-F MS
Matrix: Solid
Analysis Batch: 39984

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 39928

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	772.0		mg/Kg		77	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	999	919.1		mg/Kg		92	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-21744-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 890-3497-A-1-F MS
Matrix: Solid
Analysis Batch: 39984

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 39928

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	98		70 - 130
o-Terphenyl	78		70 - 130

Lab Sample ID: 890-3497-A-1-G MSD
Matrix: Solid
Analysis Batch: 39984

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 39928

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	<50.0	U	997	782.2		mg/Kg		78	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U	997	975.9		mg/Kg		98	70 - 130	6	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	102		70 - 130
o-Terphenyl	82		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-39890/1-A
Matrix: Solid
Analysis Batch: 39994

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			11/19/22 05:35	1

Lab Sample ID: LCS 880-39890/2-A
Matrix: Solid
Analysis Batch: 39994

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	261.6		mg/Kg		105	90 - 110

Lab Sample ID: LCSD 880-39890/3-A
Matrix: Solid
Analysis Batch: 39994

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	255.3		mg/Kg		102	90 - 110	2	20

Lab Sample ID: 880-21744-1 MS
Matrix: Solid
Analysis Batch: 39994

Client Sample ID: CS-1 (4.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	17.0		249	256.8		mg/Kg		96	90 - 110

QC Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-21744-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-21744-1 MSD — **Client Sample ID: CS-1 (4.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 39994

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	17.0		249	252.3		mg/Kg		95	90 - 110	2	20

Lab Sample ID: 880-21744-11 MS — **Client Sample ID: SW-1 (4.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 39994

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	48.4		250	291.8		mg/Kg		98	90 - 110

Lab Sample ID: 880-21744-11 MSD — **Client Sample ID: SW-1 (4.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 39994

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	48.4		250	303.5		mg/Kg		102	90 - 110	4	20

Lab Sample ID: MB 880-39863/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 39995

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			11/19/22 09:44	1

Lab Sample ID: LCS 880-39863/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 39995

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	251.8		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-39863/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 39995

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	249.3		mg/Kg		100	90 - 110	1	20

Lab Sample ID: 880-21742-A-9-B MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 39995

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	913	F1	1240	2674	F1	mg/Kg		142	90 - 110

Lab Sample ID: 880-21742-A-9-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 39995

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	913	F1	1240	2503	F1	mg/Kg		128	90 - 110	7	20

QC Sample Results

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-21744-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-40182/1-A
Matrix: Solid
Analysis Batch: 40224

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			11/22/22 13:18	1

Lab Sample ID: LCS 880-40182/2-A
Matrix: Solid
Analysis Batch: 40224

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	245.6		mg/Kg		98	90 - 110		

Lab Sample ID: LCSD 880-40182/3-A
Matrix: Solid
Analysis Batch: 40224

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	241.3		mg/Kg		97	90 - 110	2	20

Lab Sample ID: 880-21853-A-1-B MS
Matrix: Solid
Analysis Batch: 40224

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	649	F1	251	869.3	F1	mg/Kg		88	90 - 110		

Lab Sample ID: 880-21853-A-1-C MSD
Matrix: Solid
Analysis Batch: 40224

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	649	F1	251	907.8		mg/Kg		103	90 - 110	4	20

QC Association Summary

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-21744-1
SDG: Lea County, New Mexico

GC VOA

Prep Batch: 39818

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21744-10	CS-10 (1.5')	Total/NA	Solid	5035	
880-21744-11	SW-1 (4.5')	Total/NA	Solid	5035	
880-21744-12	SW-2 (1')	Total/NA	Solid	5035	
880-21744-13	SW-3 (3.5')	Total/NA	Solid	5035	
880-21744-14	SW-4 (1')	Total/NA	Solid	5035	
880-21744-15	SW-5 (5.5')	Total/NA	Solid	5035	
880-21744-16	SW-6 (7.5')	Total/NA	Solid	5035	
880-21744-17	SW-7 (9')	Total/NA	Solid	5035	
880-21744-18	SW-8 (4.5')	Total/NA	Solid	5035	
880-21744-19	SW-9 (2.5')	Total/NA	Solid	5035	
880-21744-20	SW-10 (2.5')	Total/NA	Solid	5035	
880-21744-21	SW-11 (2.5')	Total/NA	Solid	5035	
880-21744-22	SW-12 (1')	Total/NA	Solid	5035	
880-21744-23	SW-13 (1')	Total/NA	Solid	5035	
880-21744-24	SW-14 (1.5')	Total/NA	Solid	5035	
MB 880-39818/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-39818/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-39818/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-21721-A-5-A MS	Matrix Spike	Total/NA	Solid	5035	
880-21721-A-5-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 39820

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21744-1	CS-1 (4.5')	Total/NA	Solid	5035	
880-21744-2	CS-2 (4.5')	Total/NA	Solid	5035	
880-21744-3	CS-3 (3.5')	Total/NA	Solid	5035	
880-21744-4	CS-4 (9')	Total/NA	Solid	5035	
880-21744-5	CS-5 (9')	Total/NA	Solid	5035	
880-21744-6	CS-6 (2.5')	Total/NA	Solid	5035	
880-21744-7	CS-7 (2.5')	Total/NA	Solid	5035	
880-21744-8	CS-8 (2.5')	Total/NA	Solid	5035	
880-21744-9	CS-9 (2.5')	Total/NA	Solid	5035	
MB 880-39820/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-39820/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-39820/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-21721-A-8-B MS	Matrix Spike	Total/NA	Solid	5035	
880-21721-A-8-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 39825

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21744-1	CS-1 (4.5')	Total/NA	Solid	8021B	39820
880-21744-2	CS-2 (4.5')	Total/NA	Solid	8021B	39820
880-21744-3	CS-3 (3.5')	Total/NA	Solid	8021B	39820
880-21744-4	CS-4 (9')	Total/NA	Solid	8021B	39820
880-21744-5	CS-5 (9')	Total/NA	Solid	8021B	39820
880-21744-6	CS-6 (2.5')	Total/NA	Solid	8021B	39820
880-21744-7	CS-7 (2.5')	Total/NA	Solid	8021B	39820
880-21744-8	CS-8 (2.5')	Total/NA	Solid	8021B	39820
880-21744-9	CS-9 (2.5')	Total/NA	Solid	8021B	39820
MB 880-39820/5-A	Method Blank	Total/NA	Solid	8021B	39820
LCS 880-39820/1-A	Lab Control Sample	Total/NA	Solid	8021B	39820

QC Association Summary

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-21744-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 39825 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-39820/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	39820
880-21721-A-8-B MS	Matrix Spike	Total/NA	Solid	8021B	39820
880-21721-A-8-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	39820

Analysis Batch: 39916

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21744-10	CS-10 (1.5')	Total/NA	Solid	8021B	39818
880-21744-11	SW-1 (4.5')	Total/NA	Solid	8021B	39818
880-21744-12	SW-2 (1')	Total/NA	Solid	8021B	39818
880-21744-13	SW-3 (3.5')	Total/NA	Solid	8021B	39818
880-21744-14	SW-4 (1')	Total/NA	Solid	8021B	39818
880-21744-15	SW-5 (5.5')	Total/NA	Solid	8021B	39818
880-21744-16	SW-6 (7.5')	Total/NA	Solid	8021B	39818
880-21744-17	SW-7 (9')	Total/NA	Solid	8021B	39818
880-21744-18	SW-8 (4.5')	Total/NA	Solid	8021B	39818
880-21744-19	SW-9 (2.5')	Total/NA	Solid	8021B	39818
880-21744-20	SW-10 (2.5')	Total/NA	Solid	8021B	39818
880-21744-21	SW-11 (2.5')	Total/NA	Solid	8021B	39818
880-21744-22	SW-12 (1')	Total/NA	Solid	8021B	39818
880-21744-23	SW-13 (1')	Total/NA	Solid	8021B	39818
880-21744-24	SW-14 (1.5')	Total/NA	Solid	8021B	39818
MB 880-39818/5-A	Method Blank	Total/NA	Solid	8021B	39818
LCS 880-39818/1-A	Lab Control Sample	Total/NA	Solid	8021B	39818
LCSD 880-39818/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	39818
880-21721-A-5-A MS	Matrix Spike	Total/NA	Solid	8021B	39818
880-21721-A-5-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	39818

Analysis Batch: 39945

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21744-1	CS-1 (4.5')	Total/NA	Solid	Total BTEX	
880-21744-2	CS-2 (4.5')	Total/NA	Solid	Total BTEX	
880-21744-3	CS-3 (3.5')	Total/NA	Solid	Total BTEX	
880-21744-4	CS-4 (9')	Total/NA	Solid	Total BTEX	
880-21744-5	CS-5 (9')	Total/NA	Solid	Total BTEX	
880-21744-6	CS-6 (2.5')	Total/NA	Solid	Total BTEX	
880-21744-7	CS-7 (2.5')	Total/NA	Solid	Total BTEX	
880-21744-8	CS-8 (2.5')	Total/NA	Solid	Total BTEX	
880-21744-9	CS-9 (2.5')	Total/NA	Solid	Total BTEX	
880-21744-10	CS-10 (1.5')	Total/NA	Solid	Total BTEX	
880-21744-11	SW-1 (4.5')	Total/NA	Solid	Total BTEX	
880-21744-12	SW-2 (1')	Total/NA	Solid	Total BTEX	
880-21744-13	SW-3 (3.5')	Total/NA	Solid	Total BTEX	
880-21744-14	SW-4 (1')	Total/NA	Solid	Total BTEX	
880-21744-15	SW-5 (5.5')	Total/NA	Solid	Total BTEX	
880-21744-16	SW-6 (7.5')	Total/NA	Solid	Total BTEX	
880-21744-17	SW-7 (9')	Total/NA	Solid	Total BTEX	
880-21744-18	SW-8 (4.5')	Total/NA	Solid	Total BTEX	
880-21744-19	SW-9 (2.5')	Total/NA	Solid	Total BTEX	
880-21744-20	SW-10 (2.5')	Total/NA	Solid	Total BTEX	
880-21744-21	SW-11 (2.5')	Total/NA	Solid	Total BTEX	
880-21744-22	SW-12 (1')	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-21744-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 39945 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21744-23	SW-13 (1')	Total/NA	Solid	Total BTEX	
880-21744-24	SW-14 (1.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 39925

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21744-1	CS-1 (4.5')	Total/NA	Solid	8015NM Prep	
880-21744-2	CS-2 (4.5')	Total/NA	Solid	8015NM Prep	
880-21744-3	CS-3 (3.5')	Total/NA	Solid	8015NM Prep	
880-21744-4	CS-4 (9')	Total/NA	Solid	8015NM Prep	
880-21744-5	CS-5 (9')	Total/NA	Solid	8015NM Prep	
880-21744-6	CS-6 (2.5')	Total/NA	Solid	8015NM Prep	
880-21744-7	CS-7 (2.5')	Total/NA	Solid	8015NM Prep	
880-21744-8	CS-8 (2.5')	Total/NA	Solid	8015NM Prep	
880-21744-9	CS-9 (2.5')	Total/NA	Solid	8015NM Prep	
880-21744-10	CS-10 (1.5')	Total/NA	Solid	8015NM Prep	
880-21744-11	SW-1 (4.5')	Total/NA	Solid	8015NM Prep	
880-21744-12	SW-2 (1')	Total/NA	Solid	8015NM Prep	
880-21744-13	SW-3 (3.5')	Total/NA	Solid	8015NM Prep	
880-21744-14	SW-4 (1')	Total/NA	Solid	8015NM Prep	
880-21744-15	SW-5 (5.5')	Total/NA	Solid	8015NM Prep	
880-21744-16	SW-6 (7.5')	Total/NA	Solid	8015NM Prep	
880-21744-17	SW-7 (9')	Total/NA	Solid	8015NM Prep	
880-21744-18	SW-8 (4.5')	Total/NA	Solid	8015NM Prep	
880-21744-19	SW-9 (2.5')	Total/NA	Solid	8015NM Prep	
880-21744-20	SW-10 (2.5')	Total/NA	Solid	8015NM Prep	
MB 880-39925/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-39925/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-39925/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-21744-1 MS	CS-1 (4.5')	Total/NA	Solid	8015NM Prep	
880-21744-1 MSD	CS-1 (4.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 39926

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21744-21	SW-11 (2.5')	Total/NA	Solid	8015NM Prep	
880-21744-22	SW-12 (1')	Total/NA	Solid	8015NM Prep	
MB 880-39926/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-39926/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-39926/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-3495-A-1-I MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-3495-A-1-J MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 39928

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21744-23	SW-13 (1')	Total/NA	Solid	8015NM Prep	
880-21744-24	SW-14 (1.5')	Total/NA	Solid	8015NM Prep	
MB 880-39928/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-39928/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-39928/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-3497-A-1-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-21744-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 39928 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3497-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 39956

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21744-21	SW-11 (2.5')	Total/NA	Solid	8015B NM	39926
880-21744-22	SW-12 (1')	Total/NA	Solid	8015B NM	39926
MB 880-39926/1-A	Method Blank	Total/NA	Solid	8015B NM	39926
LCS 880-39926/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	39926
LCSD 880-39926/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	39926
890-3495-A-1-I MS	Matrix Spike	Total/NA	Solid	8015B NM	39926
890-3495-A-1-J MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	39926

Analysis Batch: 39958

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21744-1	CS-1 (4.5')	Total/NA	Solid	8015B NM	39925
880-21744-2	CS-2 (4.5')	Total/NA	Solid	8015B NM	39925
880-21744-3	CS-3 (3.5')	Total/NA	Solid	8015B NM	39925
880-21744-4	CS-4 (9')	Total/NA	Solid	8015B NM	39925
880-21744-5	CS-5 (9')	Total/NA	Solid	8015B NM	39925
880-21744-6	CS-6 (2.5')	Total/NA	Solid	8015B NM	39925
880-21744-7	CS-7 (2.5')	Total/NA	Solid	8015B NM	39925
880-21744-8	CS-8 (2.5')	Total/NA	Solid	8015B NM	39925
880-21744-9	CS-9 (2.5')	Total/NA	Solid	8015B NM	39925
880-21744-10	CS-10 (1.5')	Total/NA	Solid	8015B NM	39925
880-21744-11	SW-1 (4.5')	Total/NA	Solid	8015B NM	39925
880-21744-12	SW-2 (1')	Total/NA	Solid	8015B NM	39925
880-21744-13	SW-3 (3.5')	Total/NA	Solid	8015B NM	39925
880-21744-14	SW-4 (1')	Total/NA	Solid	8015B NM	39925
880-21744-15	SW-5 (5.5')	Total/NA	Solid	8015B NM	39925
880-21744-16	SW-6 (7.5')	Total/NA	Solid	8015B NM	39925
880-21744-17	SW-7 (9')	Total/NA	Solid	8015B NM	39925
880-21744-18	SW-8 (4.5')	Total/NA	Solid	8015B NM	39925
880-21744-19	SW-9 (2.5')	Total/NA	Solid	8015B NM	39925
880-21744-20	SW-10 (2.5')	Total/NA	Solid	8015B NM	39925
MB 880-39925/1-A	Method Blank	Total/NA	Solid	8015B NM	39925
LCS 880-39925/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	39925
LCSD 880-39925/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	39925
880-21744-1 MS	CS-1 (4.5')	Total/NA	Solid	8015B NM	39925
880-21744-1 MSD	CS-1 (4.5')	Total/NA	Solid	8015B NM	39925

Analysis Batch: 39984

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21744-23	SW-13 (1')	Total/NA	Solid	8015B NM	39928
880-21744-24	SW-14 (1.5')	Total/NA	Solid	8015B NM	39928
MB 880-39928/1-A	Method Blank	Total/NA	Solid	8015B NM	39928
LCS 880-39928/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	39928
LCSD 880-39928/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	39928
890-3497-A-1-F MS	Matrix Spike	Total/NA	Solid	8015B NM	39928
890-3497-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	39928

QC Association Summary

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-21744-1
SDG: Lea County, New Mexico

GC Semi VOA

Analysis Batch: 40079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21744-1	CS-1 (4.5')	Total/NA	Solid	8015 NM	
880-21744-2	CS-2 (4.5')	Total/NA	Solid	8015 NM	
880-21744-3	CS-3 (3.5')	Total/NA	Solid	8015 NM	
880-21744-4	CS-4 (9')	Total/NA	Solid	8015 NM	
880-21744-5	CS-5 (9')	Total/NA	Solid	8015 NM	
880-21744-6	CS-6 (2.5')	Total/NA	Solid	8015 NM	
880-21744-7	CS-7 (2.5')	Total/NA	Solid	8015 NM	
880-21744-8	CS-8 (2.5')	Total/NA	Solid	8015 NM	
880-21744-9	CS-9 (2.5')	Total/NA	Solid	8015 NM	
880-21744-10	CS-10 (1.5')	Total/NA	Solid	8015 NM	
880-21744-11	SW-1 (4.5')	Total/NA	Solid	8015 NM	
880-21744-12	SW-2 (1')	Total/NA	Solid	8015 NM	
880-21744-13	SW-3 (3.5')	Total/NA	Solid	8015 NM	
880-21744-14	SW-4 (1')	Total/NA	Solid	8015 NM	
880-21744-15	SW-5 (5.5')	Total/NA	Solid	8015 NM	
880-21744-16	SW-6 (7.5')	Total/NA	Solid	8015 NM	
880-21744-17	SW-7 (9')	Total/NA	Solid	8015 NM	
880-21744-18	SW-8 (4.5')	Total/NA	Solid	8015 NM	
880-21744-19	SW-9 (2.5')	Total/NA	Solid	8015 NM	
880-21744-20	SW-10 (2.5')	Total/NA	Solid	8015 NM	
880-21744-21	SW-11 (2.5')	Total/NA	Solid	8015 NM	
880-21744-22	SW-12 (1')	Total/NA	Solid	8015 NM	
880-21744-23	SW-13 (1')	Total/NA	Solid	8015 NM	
880-21744-24	SW-14 (1.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 39863

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21744-22	SW-12 (1')	Soluble	Solid	DI Leach	
880-21744-23	SW-13 (1')	Soluble	Solid	DI Leach	
880-21744-24	SW-14 (1.5')	Soluble	Solid	DI Leach	
MB 880-39863/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-39863/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-39863/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-21742-A-9-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-21742-A-9-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 39890

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21744-1	CS-1 (4.5')	Soluble	Solid	DI Leach	
880-21744-2	CS-2 (4.5')	Soluble	Solid	DI Leach	
880-21744-3	CS-3 (3.5')	Soluble	Solid	DI Leach	
880-21744-4	CS-4 (9')	Soluble	Solid	DI Leach	
880-21744-5	CS-5 (9')	Soluble	Solid	DI Leach	
880-21744-6	CS-6 (2.5')	Soluble	Solid	DI Leach	
880-21744-7	CS-7 (2.5')	Soluble	Solid	DI Leach	
880-21744-8	CS-8 (2.5')	Soluble	Solid	DI Leach	
880-21744-9	CS-9 (2.5')	Soluble	Solid	DI Leach	
880-21744-10	CS-10 (1.5')	Soluble	Solid	DI Leach	
880-21744-11	SW-1 (4.5')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-21744-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 39890 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21744-12	SW-2 (1')	Soluble	Solid	DI Leach	
880-21744-13	SW-3 (3.5')	Soluble	Solid	DI Leach	
880-21744-14	SW-4 (1')	Soluble	Solid	DI Leach	
880-21744-15	SW-5 (5.5')	Soluble	Solid	DI Leach	
880-21744-16	SW-6 (7.5')	Soluble	Solid	DI Leach	
880-21744-17	SW-7 (9')	Soluble	Solid	DI Leach	
880-21744-18	SW-8 (4.5')	Soluble	Solid	DI Leach	
880-21744-19	SW-9 (2.5')	Soluble	Solid	DI Leach	
880-21744-20	SW-10 (2.5')	Soluble	Solid	DI Leach	
MB 880-39890/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-39890/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-39890/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-21744-1 MS	CS-1 (4.5')	Soluble	Solid	DI Leach	
880-21744-1 MSD	CS-1 (4.5')	Soluble	Solid	DI Leach	
880-21744-11 MS	SW-1 (4.5')	Soluble	Solid	DI Leach	
880-21744-11 MSD	SW-1 (4.5')	Soluble	Solid	DI Leach	

Analysis Batch: 39994

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21744-1	CS-1 (4.5')	Soluble	Solid	300.0	39890
880-21744-2	CS-2 (4.5')	Soluble	Solid	300.0	39890
880-21744-3	CS-3 (3.5')	Soluble	Solid	300.0	39890
880-21744-4	CS-4 (9')	Soluble	Solid	300.0	39890
880-21744-5	CS-5 (9')	Soluble	Solid	300.0	39890
880-21744-6	CS-6 (2.5')	Soluble	Solid	300.0	39890
880-21744-7	CS-7 (2.5')	Soluble	Solid	300.0	39890
880-21744-8	CS-8 (2.5')	Soluble	Solid	300.0	39890
880-21744-9	CS-9 (2.5')	Soluble	Solid	300.0	39890
880-21744-10	CS-10 (1.5')	Soluble	Solid	300.0	39890
880-21744-11	SW-1 (4.5')	Soluble	Solid	300.0	39890
880-21744-12	SW-2 (1')	Soluble	Solid	300.0	39890
880-21744-13	SW-3 (3.5')	Soluble	Solid	300.0	39890
880-21744-14	SW-4 (1')	Soluble	Solid	300.0	39890
880-21744-15	SW-5 (5.5')	Soluble	Solid	300.0	39890
880-21744-16	SW-6 (7.5')	Soluble	Solid	300.0	39890
880-21744-17	SW-7 (9')	Soluble	Solid	300.0	39890
880-21744-18	SW-8 (4.5')	Soluble	Solid	300.0	39890
880-21744-19	SW-9 (2.5')	Soluble	Solid	300.0	39890
880-21744-20	SW-10 (2.5')	Soluble	Solid	300.0	39890
MB 880-39890/1-A	Method Blank	Soluble	Solid	300.0	39890
LCS 880-39890/2-A	Lab Control Sample	Soluble	Solid	300.0	39890
LCSD 880-39890/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	39890
880-21744-1 MS	CS-1 (4.5')	Soluble	Solid	300.0	39890
880-21744-1 MSD	CS-1 (4.5')	Soluble	Solid	300.0	39890
880-21744-11 MS	SW-1 (4.5')	Soluble	Solid	300.0	39890
880-21744-11 MSD	SW-1 (4.5')	Soluble	Solid	300.0	39890

Analysis Batch: 39995

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21744-22	SW-12 (1')	Soluble	Solid	300.0	39863
880-21744-23	SW-13 (1')	Soluble	Solid	300.0	39863

QC Association Summary

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-21744-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 39995 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21744-24	SW-14 (1.5')	Soluble	Solid	300.0	39863
MB 880-39863/1-A	Method Blank	Soluble	Solid	300.0	39863
LCS 880-39863/2-A	Lab Control Sample	Soluble	Solid	300.0	39863
LCSD 880-39863/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	39863
880-21742-A-9-B MS	Matrix Spike	Soluble	Solid	300.0	39863
880-21742-A-9-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	39863

Leach Batch: 40182

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21744-21	SW-11 (2.5')	Soluble	Solid	DI Leach	
MB 880-40182/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-40182/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-40182/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-21853-A-1-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-21853-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 40224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21744-21	SW-11 (2.5')	Soluble	Solid	300.0	40182
MB 880-40182/1-A	Method Blank	Soluble	Solid	300.0	40182
LCS 880-40182/2-A	Lab Control Sample	Soluble	Solid	300.0	40182
LCSD 880-40182/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	40182
880-21853-A-1-B MS	Matrix Spike	Soluble	Solid	300.0	40182
880-21853-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	40182

Lab Chronicle

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-21744-1
SDG: Lea County, New Mexico

Client Sample ID: CS-1 (4.5')

Lab Sample ID: 880-21744-1
Matrix: Solid
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

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	39820	11/18/22 09:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	39825	11/18/22 16:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39945	11/18/22 18:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			40079	11/21/22 11:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	39925	11/18/22 12:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	39958	11/19/22 21:27	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	39890	11/18/22 09:25	KS	EET MID
Soluble	Analysis	300.0		1			39994	11/19/22 05:56	CH	EET MID

Client Sample ID: CS-2 (4.5')

Lab Sample ID: 880-21744-2
Matrix: Solid
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

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	39820	11/18/22 09:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	39825	11/18/22 16:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39945	11/18/22 18:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			40079	11/21/22 11:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	39925	11/18/22 12:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	39958	11/19/22 22:32	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	39890	11/18/22 09:25	KS	EET MID
Soluble	Analysis	300.0		1			39994	11/19/22 06:17	CH	EET MID

Client Sample ID: CS-3 (3.5')

Lab Sample ID: 880-21744-3
Matrix: Solid
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	39820	11/18/22 09:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	39825	11/18/22 16:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39945	11/21/22 15:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			40079	11/21/22 11:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	39925	11/18/22 12:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	39958	11/19/22 22:53	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	39890	11/18/22 09:25	KS	EET MID
Soluble	Analysis	300.0		1			39994	11/19/22 06:24	CH	EET MID

Client Sample ID: CS-4 (9')

Lab Sample ID: 880-21744-4
Matrix: Solid
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

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	39820	11/18/22 09:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	39825	11/18/22 17:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39945	11/21/22 15:30	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-21744-1
SDG: Lea County, New Mexico

Client Sample ID: CS-4 (9')

Lab Sample ID: 880-21744-4
Matrix: Solid
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

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			40079	11/21/22 11:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	39925	11/18/22 12:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	39958	11/19/22 23:15	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	39890	11/18/22 09:25	KS	EET MID
Soluble	Analysis	300.0		1			39994	11/19/22 06:32	CH	EET MID

Client Sample ID: CS-5 (9')

Lab Sample ID: 880-21744-5
Matrix: Solid
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

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	39820	11/18/22 09:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	39825	11/18/22 17:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39945	11/21/22 15:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			40079	11/21/22 11:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	39925	11/18/22 12:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	39958	11/19/22 23:36	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	39890	11/18/22 09:25	KS	EET MID
Soluble	Analysis	300.0		1			39994	11/19/22 06:39	CH	EET MID

Client Sample ID: CS-6 (2.5')

Lab Sample ID: 880-21744-6
Matrix: Solid
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	39820	11/18/22 09:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	39825	11/18/22 17:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39945	11/21/22 15:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			40079	11/21/22 11:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	39925	11/18/22 12:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	39958	11/19/22 23:57	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	39890	11/18/22 09:25	KS	EET MID
Soluble	Analysis	300.0		1			39994	11/19/22 07:00	CH	EET MID

Client Sample ID: CS-7 (2.5')

Lab Sample ID: 880-21744-7
Matrix: Solid
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

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	39820	11/18/22 09:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	39825	11/18/22 18:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39945	11/21/22 15:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			40079	11/21/22 11:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	39925	11/18/22 12:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	39958	11/20/22 00:19	SM	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-21744-1
SDG: Lea County, New Mexico

Client Sample ID: CS-7 (2.5')
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

Lab Sample ID: 880-21744-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	39890	11/18/22 09:25	KS	EET MID
Soluble	Analysis	300.0		1			39994	11/19/22 07:07	CH	EET MID

Client Sample ID: CS-8 (2.5')
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

Lab Sample ID: 880-21744-8
Matrix: Solid

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	39820	11/18/22 09:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	39825	11/18/22 18:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39945	11/21/22 15:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			40079	11/21/22 11:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	39925	11/18/22 12:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	39958	11/20/22 00:40	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	39890	11/18/22 09:25	KS	EET MID
Soluble	Analysis	300.0		1			39994	11/19/22 07:14	CH	EET MID

Client Sample ID: CS-9 (2.5')
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

Lab Sample ID: 880-21744-9
Matrix: Solid

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	39820	11/18/22 09:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	39825	11/18/22 18:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39945	11/21/22 15:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			40079	11/21/22 11:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	39925	11/18/22 12:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	39958	11/20/22 01:02	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	39890	11/18/22 09:25	KS	EET MID
Soluble	Analysis	300.0		1			39994	11/19/22 07:21	CH	EET MID

Client Sample ID: CS-10 (1.5')
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

Lab Sample ID: 880-21744-10
Matrix: Solid

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	39818	11/18/22 09:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	39916	11/18/22 16:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39945	11/18/22 16:46	SM	EET MID
Total/NA	Analysis	8015 NM		1			40079	11/21/22 11:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	39925	11/18/22 12:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	39958	11/20/22 01:23	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	39890	11/18/22 09:25	KS	EET MID
Soluble	Analysis	300.0		1			39994	11/19/22 07:28	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-21744-1
SDG: Lea County, New Mexico

Client Sample ID: SW-1 (4.5')

Lab Sample ID: 880-21744-11
Matrix: Solid
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	39818	11/18/22 09:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	39916	11/18/22 16:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39945	11/21/22 15:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			40079	11/21/22 11:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	39925	11/18/22 12:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	39958	11/20/22 05:20	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	39890	11/18/22 09:25	KS	EET MID
Soluble	Analysis	300.0		1			39994	11/19/22 07:36	CH	EET MID

Client Sample ID: SW-2 (1')

Lab Sample ID: 880-21744-12
Matrix: Solid
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

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	39818	11/18/22 09:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	39916	11/18/22 16:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39945	11/21/22 15:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			40079	11/21/22 11:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	39925	11/18/22 12:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	39958	11/20/22 02:06	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	39890	11/18/22 09:25	KS	EET MID
Soluble	Analysis	300.0		1			39994	11/19/22 07:57	CH	EET MID

Client Sample ID: SW-3 (3.5')

Lab Sample ID: 880-21744-13
Matrix: Solid
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

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	39818	11/18/22 09:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	39916	11/18/22 17:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39945	11/21/22 15:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			40079	11/21/22 11:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	39925	11/18/22 12:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	39958	11/20/22 02:28	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	39890	11/18/22 09:25	KS	EET MID
Soluble	Analysis	300.0		1			39994	11/19/22 08:04	CH	EET MID

Client Sample ID: SW-4 (1')

Lab Sample ID: 880-21744-14
Matrix: Solid
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

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	39818	11/18/22 09:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	39916	11/18/22 17:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39945	11/21/22 15:09	SM	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-21744-1
SDG: Lea County, New Mexico

Client Sample ID: SW-4 (1')
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

Lab Sample ID: 880-21744-14
Matrix: Solid

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			40079	11/21/22 11:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	39925	11/18/22 12:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	39958	11/20/22 02:49	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	39890	11/18/22 09:25	KS	EET MID
Soluble	Analysis	300.0		1			39994	11/19/22 08:25	CH	EET MID

Client Sample ID: SW-5 (5.5')
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

Lab Sample ID: 880-21744-15
Matrix: Solid

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	39818	11/18/22 09:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	39916	11/18/22 17:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39945	11/21/22 15:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			40079	11/21/22 11:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	39925	11/18/22 12:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	39958	11/20/22 03:11	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	39890	11/18/22 09:25	KS	EET MID
Soluble	Analysis	300.0		1			39994	11/19/22 08:33	CH	EET MID

Client Sample ID: SW-6 (7.5')
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

Lab Sample ID: 880-21744-16
Matrix: Solid

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	39818	11/18/22 09:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	39916	11/18/22 18:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39945	11/21/22 15:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			40079	11/21/22 11:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	39925	11/18/22 12:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	39958	11/20/22 03:33	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	39890	11/18/22 09:25	KS	EET MID
Soluble	Analysis	300.0		1			39994	11/19/22 08:40	CH	EET MID

Client Sample ID: SW-7 (9')
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

Lab Sample ID: 880-21744-17
Matrix: Solid

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	39818	11/18/22 09:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	39916	11/18/22 20:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39945	11/21/22 15:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			40079	11/21/22 11:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	39925	11/18/22 12:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	39958	11/20/22 03:54	SM	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-21744-1
SDG: Lea County, New Mexico

Client Sample ID: SW-7 (9')
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

Lab Sample ID: 880-21744-17
Matrix: Solid

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	39890	11/18/22 09:25	KS	EET MID
Soluble	Analysis	300.0		1			39994	11/19/22 08:47	CH	EET MID

Client Sample ID: SW-8 (4.5')
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

Lab Sample ID: 880-21744-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	39818	11/18/22 09:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	39916	11/18/22 20:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39945	11/21/22 15:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			40079	11/21/22 11:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	39925	11/18/22 12:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	39958	11/20/22 04:16	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	39890	11/18/22 09:25	KS	EET MID
Soluble	Analysis	300.0		1			39994	11/19/22 08:54	CH	EET MID

Client Sample ID: SW-9 (2.5')
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

Lab Sample ID: 880-21744-19
Matrix: Solid

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	39818	11/18/22 09:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	39916	11/18/22 20:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39945	11/21/22 15:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			40079	11/21/22 11:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	39925	11/18/22 12:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	39958	11/20/22 04:37	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	39890	11/18/22 09:25	KS	EET MID
Soluble	Analysis	300.0		1			39994	11/19/22 09:01	CH	EET MID

Client Sample ID: SW-10 (2.5')
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

Lab Sample ID: 880-21744-20
Matrix: Solid

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	39818	11/18/22 09:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	39916	11/18/22 21:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39945	11/21/22 15:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			40079	11/21/22 11:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	39925	11/18/22 12:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	39958	11/20/22 04:58	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	39890	11/18/22 09:25	KS	EET MID
Soluble	Analysis	300.0		1			39994	11/19/22 09:08	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-21744-1
SDG: Lea County, New Mexico

Client Sample ID: SW-11 (2.5')
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

Lab Sample ID: 880-21744-21
Matrix: Solid

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	39818	11/18/22 09:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	39916	11/18/22 21:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39945	11/21/22 15:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			40079	11/21/22 10:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	39926	11/18/22 12:45	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	39956	11/19/22 19:18	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	40182	11/22/22 09:05	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	40224	11/22/22 14:22	SMC	EET MID

Client Sample ID: SW-12 (1')
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

Lab Sample ID: 880-21744-22
Matrix: Solid

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	39818	11/18/22 09:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	39916	11/18/22 21:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39945	11/21/22 15:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			40079	11/21/22 10:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	39926	11/18/22 12:45	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	39956	11/19/22 19:40	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	39863	11/18/22 10:00	KS	EET MID
Soluble	Analysis	300.0		1			39995	11/19/22 10:48	CH	EET MID

Client Sample ID: SW-13 (1')
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

Lab Sample ID: 880-21744-23
Matrix: Solid

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	39818	11/18/22 09:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	39916	11/18/22 22:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39945	11/21/22 15:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			40079	11/21/22 10:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	39928	11/18/22 13:35	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	39984	11/21/22 03:11	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	39863	11/18/22 10:00	KS	EET MID
Soluble	Analysis	300.0		1			39995	11/19/22 11:09	CH	EET MID

Client Sample ID: SW-14 (1.5')
Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

Lab Sample ID: 880-21744-24
Matrix: Solid

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	39818	11/18/22 09:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	39916	11/18/22 22:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39945	11/21/22 15:09	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-21744-1
SDG: Lea County, New Mexico

Client Sample ID: SW-14 (1.5')

Date Collected: 11/17/22 00:00
Date Received: 11/18/22 08:04

Lab Sample ID: 880-21744-24

Matrix: Solid

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			40079	11/21/22 10:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	39928	11/18/22 13:35	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	39984	11/21/22 03:33	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	39863	11/18/22 10:00	KS	EET MID
Soluble	Analysis	300.0		1			39995	11/19/22 11:16	CH	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-21744-1
SDG: Lea County, New Mexico

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	T104704400-22-24	06-30-23

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: West Corbin Fed Battery

Job ID: 880-21744-1
SDG: Lea County, New Mexico

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

Protocol References:

ASTM = ASTM International
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:

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

Sample Summary

Client: Carmona Resources
Project/Site: West Corbin Fed Battery

Job ID: 880-21744-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-21744-1	CS-1 (4.5')	Solid	11/17/22 00:00	11/18/22 08:04
880-21744-2	CS-2 (4.5')	Solid	11/17/22 00:00	11/18/22 08:04
880-21744-3	CS-3 (3.5')	Solid	11/17/22 00:00	11/18/22 08:04
880-21744-4	CS-4 (9')	Solid	11/17/22 00:00	11/18/22 08:04
880-21744-5	CS-5 (9')	Solid	11/17/22 00:00	11/18/22 08:04
880-21744-6	CS-6 (2.5')	Solid	11/17/22 00:00	11/18/22 08:04
880-21744-7	CS-7 (2.5')	Solid	11/17/22 00:00	11/18/22 08:04
880-21744-8	CS-8 (2.5')	Solid	11/17/22 00:00	11/18/22 08:04
880-21744-9	CS-9 (2.5')	Solid	11/17/22 00:00	11/18/22 08:04
880-21744-10	CS-10 (1.5')	Solid	11/17/22 00:00	11/18/22 08:04
880-21744-11	SW-1 (4.5')	Solid	11/17/22 00:00	11/18/22 08:04
880-21744-12	SW-2 (1')	Solid	11/17/22 00:00	11/18/22 08:04
880-21744-13	SW-3 (3.5')	Solid	11/17/22 00:00	11/18/22 08:04
880-21744-14	SW-4 (1')	Solid	11/17/22 00:00	11/18/22 08:04
880-21744-15	SW-5 (5.5')	Solid	11/17/22 00:00	11/18/22 08:04
880-21744-16	SW-6 (7.5')	Solid	11/17/22 00:00	11/18/22 08:04
880-21744-17	SW-7 (9')	Solid	11/17/22 00:00	11/18/22 08:04
880-21744-18	SW-8 (4.5')	Solid	11/17/22 00:00	11/18/22 08:04
880-21744-19	SW-9 (2.5')	Solid	11/17/22 00:00	11/18/22 08:04
880-21744-20	SW-10 (2.5')	Solid	11/17/22 00:00	11/18/22 08:04
880-21744-21	SW-11 (2.5')	Solid	11/17/22 00:00	11/18/22 08:04
880-21744-22	SW-12 (1')	Solid	11/17/22 00:00	11/18/22 08:04
880-21744-23	SW-13 (1')	Solid	11/17/22 00:00	11/18/22 08:04
880-21744-24	SW-14 (1.5')	Solid	11/17/22 00:00	11/18/22 08:04

Work Order No: 21744

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 Champion Dr
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland, Texas 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 ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables EDD ☐ ADaPT ☐ Other

Project Name.	West Corbin Fed Battery	Turn Around		Pres. Code	
Project Number	1101	☐ Routine	☑ Rush		
Project Location	Lea County, New Mexico	Due Date	24 Hrs		
Sampler's Name	MM				
PO #:					

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice	(Yes) No	
Received Intact:	(Yes) No	Thermometer ID	IR6	
Cooler Custody Seals	Yes No (N/A)	Correction Factor	-0.3	
Sample Custody Seals.	Yes No (N/A)	Temperature Reading	2.5	
Total Containers		Corrected Temperature	2.2	

ANALYSIS REQUEST

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300
CS-1 (4.5')	11/17/2022		X		C	1	X	X	X
CS-2 (4.5')	11/17/2022		X		C	1	X	X	X
CS-3 (3 5')	11/17/2022		X		C	1	X	X	X
CS-4 (9')	11/17/2022		X		C	1	X	X	X
CS-5 (9')	11/17/2022		X		C	1	X	X	X
CS-6 (2.5')	11/17/2022		X		C	1	X	X	X
CS-7 (2.5')	11/17/2022		X		C	1	X	X	X
CS-8 (2.5')	11/17/2022		X		C	1	X	X	X
CS-9 (2.5')	11/17/2022		X		C	1	X	X	X
CS-10 (1.5')	11/17/2022		X		C	1	X	X	X

Preservative Codes

None NO | DI Water H_2O

Cool Cool | MeOH Me

HCL HC | HNO_3 HN

H_2S0_4 H_2 | NaOH Na

H_3PO_4 HP

$NaHSO_4$ NABIS

$Na_2S_2O_3$ $NaSO_3$

Zn Acetate+NaOH Zn

NaOH+Ascorbic Acid SAPC

Sample Comments

880-21744 Chain of Custody

Please email results to Mcarmona@carmonaresources.com & Cmoehring@carmonaresources.com

Relinquished by (Signature)	Time/Date	Received by (Signature)	Date/Time
			11/18/22
			0804

Work Order No: 21744

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 Champion Dr
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland, Texas 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 ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables. EDD ☐ ADaPT ☐ Other:

Project Name	West Corbin Fed Battery	Turn Around	
Project Number	1101	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date	24 Hrs
Sampler's Name	MM		
PO #			

SAMPLE RECEIPT			
Temp Blank.	Yes (No)	Wet Ice	(Yes) No
Received Intact:	(Yes) No	Thermometer ID	IR8
Cooler Custody Seals	Yes No (N/A)	Correction Factor	-0.3
Sample Custody Seals.	Yes No (N/A)	Temperature Reading	2.5
Total Containers		Corrected Temperature	2.2

ANALYSIS REQUEST

Preservative Codes

None. NO DI Water H_2O

Cool Cool MeOH Me

HCL. HC HNO_3 HN

H_2S0_4. H_2 NaOH Na

H_3PO_4 HP

$NaHSO_4$. NABIS

$Na_2S_2O_3$ $NaSO_3$

Zn Acetate+NaOH Zn

NaOH+Ascorbic Acid SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300	Sample Comments
SW-1 (4.5')	11/17/2022		X		C	1		X	X	X	
SW-2 (1')	11/17/2022		X		C	1		X	X	X	
SW-3 (3.5')	11/17/2022		X		C	1		X	X	X	
SW-4 (1')	11/17/2022		X		C	1		X	X	X	
SW-5 (5.5')	11/17/2022		X		C	1		X	X	X	
SW-6 (7.5')	11/17/2022		X		C	1		X	X	X	
SW-7 (9')	11/17/2022		X		C	1		X	X	X	
SW-8 (4 5')	11/17/2022		X		C	1		X	X	X	
SW-9 (2.5')	11/17/2022		X		C	1		X	X	X	
SW-10 (2 5')	11/17/2022		X		C	1		X	X	X	

Please email results to Mcarmona@carmonaresources.com & Cmoehring@carmonaresources.com

Relinquished by (Signature)	Time/Date	Received by (Signature)	Date/Time
			1/1/22
			0804

Work Order No: 21744

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 Champion Dr
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland, Texas 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 ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables EDD ☐ ADaPT ☐ Other:

Project Name	West Corbin Fed Battery	Turn Around	
Project Number	1101	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date	24 Hrs
Sampler's Name	MM		
PO #:			

SAMPLE RECEIPT			
Temp Blank.	Yes No	Wet Ice	Yes No
Received Intact:	Yes No	Thermometer ID	IR8
Cooler Custody Seals	Yes No N/A	Correction Factor	-0.3
Sample Custody Seals.	Yes No N/A	Temperature Reading	2.5
Total Containers		Corrected Temperature	2.2

Preservative Codes

None NO; DI Water H_2O; Cool Cool; MeOH Me; HCL HC; HNO_3 HN; H_2SO_4 H_2; NaOH Na; H_3PO_4 HP; $NaHSO_4$ NABIS; $Na_2S_2O_3$ $NaSO_3$; Zn Acetate+NaOH Zn; NaOH+Ascorbic Acid SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300
SW-11 (2.5')	11/17/2022		X		C	1		X	X	X
SW-12 (1')	11/17/2022		X		C	1		X	X	X
SW-13 (1')	11/17/2022		X		C	1		X	X	X
SW-14 (1 5')	11/17/2022		X		C	1		X	X	X

Sample Comments

Loc: 880
21744

Please email results to Mcarmona@carmonaresources.com & Cmoehring@carmonaresources.com

Relinquished by (Signature)	Time/Date	Received by (Signature)	Date/Time
			11/18/22 0804

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-21744-1
SDG Number: Lea County, New Mexico

Login Number: 21744
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	

CARDINAL Laboratories

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

November 29, 2022

MIKE CARMONA

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: WEST CORBIN FED BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 11/28/22 13:06.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	11/28/2022	Sampling Date:	11/28/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	WEST CORBIN FED BATTERY	Sampling Condition:	** (See Notes)
Project Number:	1101	Sample Received By:	Shalyn Rodriguez
Project Location:	EOG - LEA COUNTY, NEW MEXICO		

Sample ID: SW - 4 (1') (H225568-01)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/28/2022	ND	2.06	103	2.00	3.95	
Toluene*	<0.050	0.050	11/28/2022	ND	2.17	109	2.00	5.33	
Ethylbenzene*	<0.050	0.050	11/28/2022	ND	2.19	109	2.00	5.60	
Total Xylenes*	<0.150	0.150	11/28/2022	ND	6.72	112	6.00	6.74	
Total BTEX	<0.300	0.300	11/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *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	**80.0**	16.0	11/28/2022	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	11/29/2022	ND	213	107	200	6.77	
DRO >C10-C28*	<10.0	10.0	11/29/2022	ND	211	106	200	9.08	
EXT DRO >C28-C36	<10.0	10.0	11/29/2022	ND					

Surrogate: 1-Chlorooctane *104 %* *45.3-161*

Surrogate: 1-Chlorooctadecane *122 %* *46.3-178*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

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

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: H255168

Page 1 of 1

Project Manager:	Mike Carmona	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 415	Address:	5509 Champion Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	(432) 813-1992	Email:	Todd_Wells@eogresources.com

Work Order Comments

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

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	West Corbin Fed Battery	Turn Around		Pres. Code	
Project Number:	1101	☐ Routine	☑ Rush		
Project Location	Lea County, New Mexico	Due Date:	24 hours		
Sampler's Name:	MM		24 hours		
PO #:					

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	Yes (No)	
Received Intact:	(Yes) No	Thermometer ID:	113	
Cooler Custody Seals:	Yes (No) N/A	Correction Factor:	-0.1°c	
Sample Custody Seals:	Yes (No) N/A	Temperature Reading:	10.4°c	
Total Containers:		Corrected Temperature:	9.8°c	

ANALYSIS REQUEST

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride ~~300.0~~ 4,500	Sample Comments
1 SW-4 (1')	11/28/22		X		C	1	X	X	X	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Comments: Please email results to mcarmona@carmonaresources.com and cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	11/28 1300		11/28/22 1306

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 172328

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 172328
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	1/26/2023