

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: Jocelyn Harimon Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: 04/13/2023

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: Robert Hamlet Date: 8/31/2023

Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

CARMONA RESOURCES



SITE INFORMATION

Closure Report

Myox 20 Federal Com 005H (02.03.23)

Eddy County, New Mexico

Incident ID: NAPP2304554912

Unit B Sec 20 T25S R28E

32.1225°, -104.1069°

Produced Water Release

Point of Release: Split open flowline

Release Date: 02.03.23

Volume Released: 10 barrels of Produced Water

Volume Recovered: 0 barrels of Produced Water

CARMONA RESOURCES



Prepared for:

Concho Operating, LLC

15 West London Road,

Loving, New Mexico 88256

Prepared by:

Carmona Resources, LLC

310 West Wall Street

Suite 500

Midland, Texas 79701

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

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April 6, 2023

Mike Bratcher
District Supervisor
Oil Conservation Division, District 4
1220 South St. Francis Dr.
Santa Fe, NM 87505

Re: Closure Report
Myox 20 Federal Com 005H (02.03.23)
Concho Operating, LLC
Site Location: Unit B, S20, T25S, R28E
(Lat 32.1225°, Long -104.1069°)
Eddy County, New Mexico

Mr. Bratcher:

On behalf of Concho Operating, LLC (COG), Carmona Resources, LLC has prepared this letter to document site assessment activities for the site Myox 20 Federal Com 005H (02.03.23). The site is located at 32.1225°, -104.1069° within Unit B, S20, T25S, R28E, and in Eddy County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on February 3, 2023, due to a split open flow line. It released approximately ten (10) barrels of produced water, and zero (0) barrels of produced water were recovered. The impacted area occurred off the pad, 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 medium karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water features are within a 0.50-mile radius of the location. The nearest identified well is approximately 0.62 miles South of the site in S20, T25S, R28E and was drilled in 1975. The well has a reported depth to groundwater of 96' feet below the ground surface (ft bgs). A copy of the associated Summary Report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

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

4.0 Site Assessment Activities

On February 23, 2023, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. To assess the vertical and horizontal extent, three (3) sample points (S-1 through S-3) and five (5) horizontal points (H-1 through H-5) were advanced to depths ranging from the surface to 2.0' bgs inside the release area. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under



the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

See Table 1 for the analytical results.

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 NMOC division office was notified via email on March 22, 2023, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The area of S-1 was excavated to a depth of 1.0' below the surface, the area of S-2 was excavated to a depth of 2.0' below the surface, and the area of S-3 was excavated to a depth of 2.5' below the surface to remove all the impacted soils. A total of seventeen (17) floor confirmation samples were collected (CS-1 through CS-17), and twelve (12) sidewall samples (SW-1 through SW-12) were collected every 200 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. 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. Refer to Table 2.

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 160 cubic yards of material were excavated and transported offsite for proper disposal.

6.0 Conclusions

Based on the assessment results and the analytical data, no further actions are required at the site. The final C-141 is attached, and COG formally requests the closure of the spill. If you have any questions regarding this report or need additional information, please contact us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

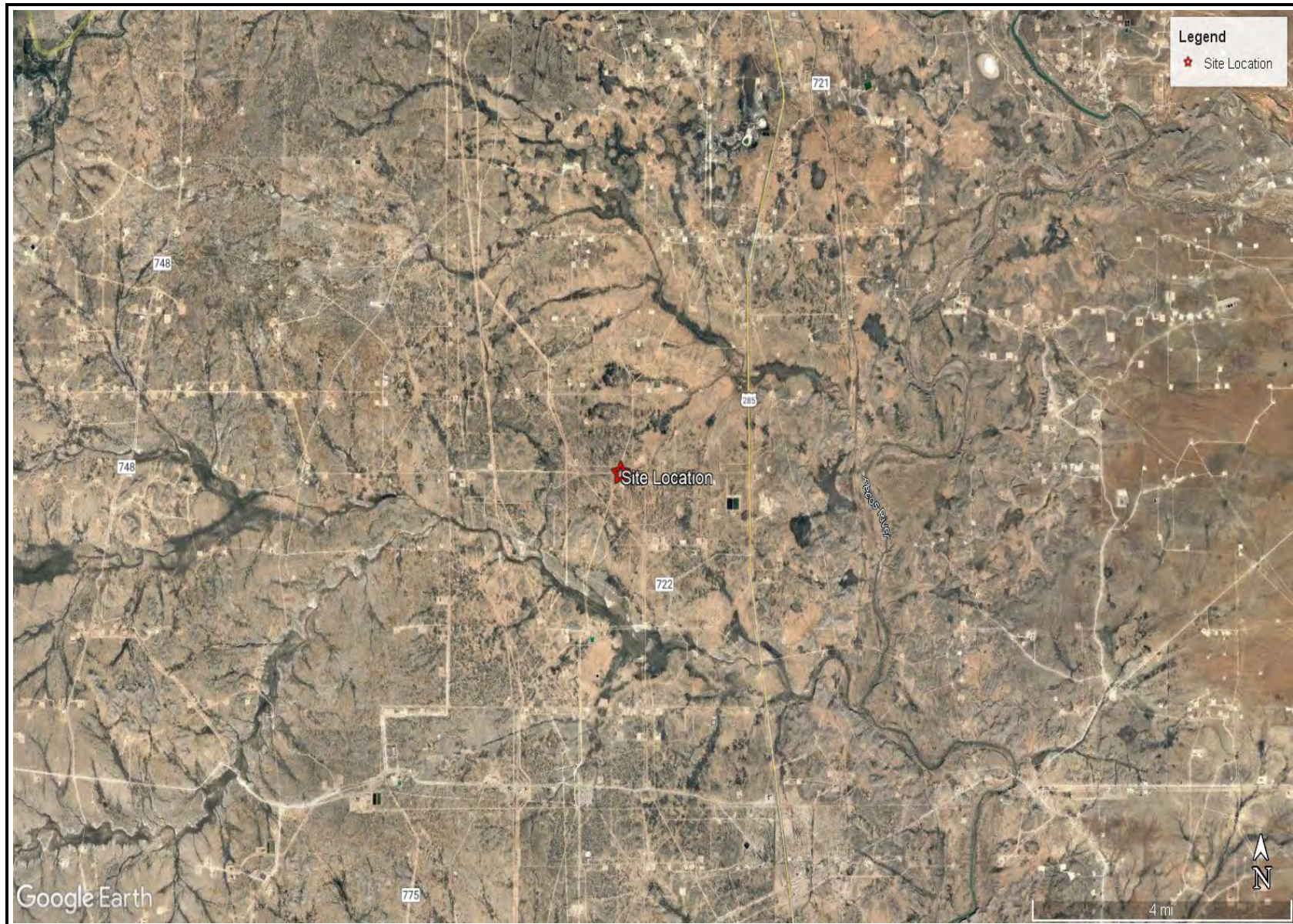
Mike Carmona
Environmental Manager

Conner Moehring
Sr. Project Manager

FIGURES

CARMONA RESOURCES

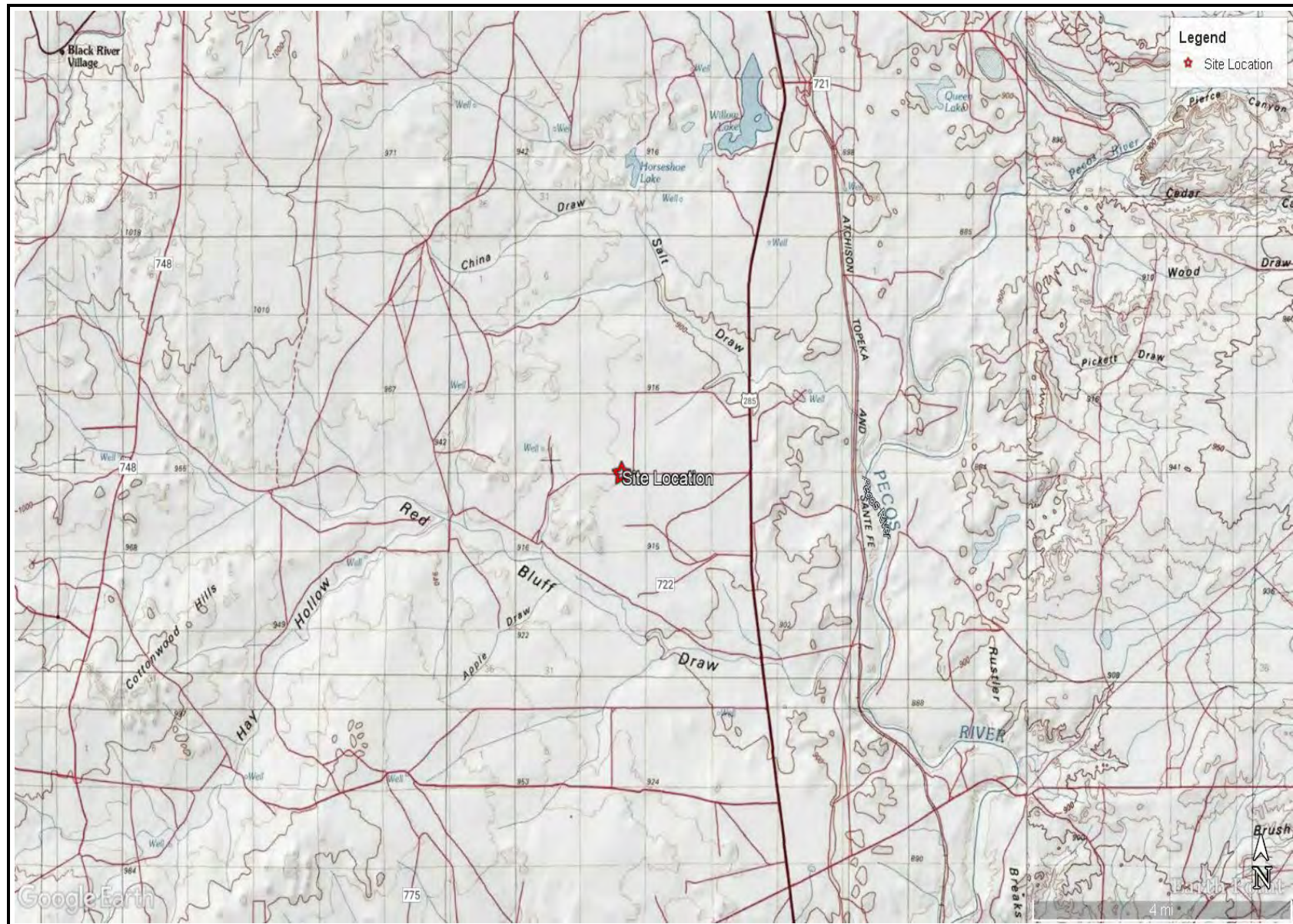




OVERVIEW MAP
COG OPERATING, LLC
MYOX 20 FEDERAL COM 005H (02.03.23)
EDDY COUNTY, NEW MEXICO
32.1225°, -104.1069°



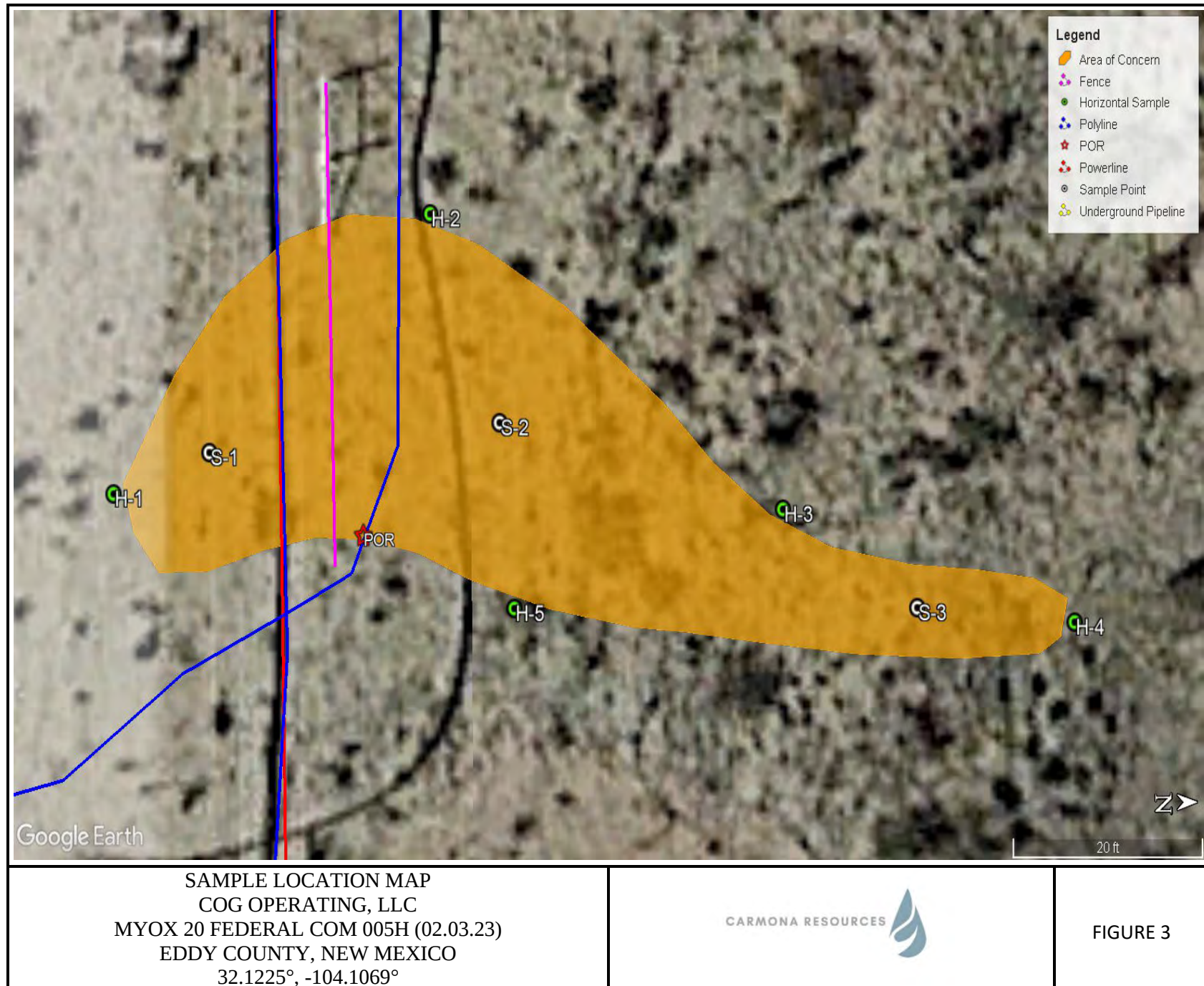
FIGURE 1

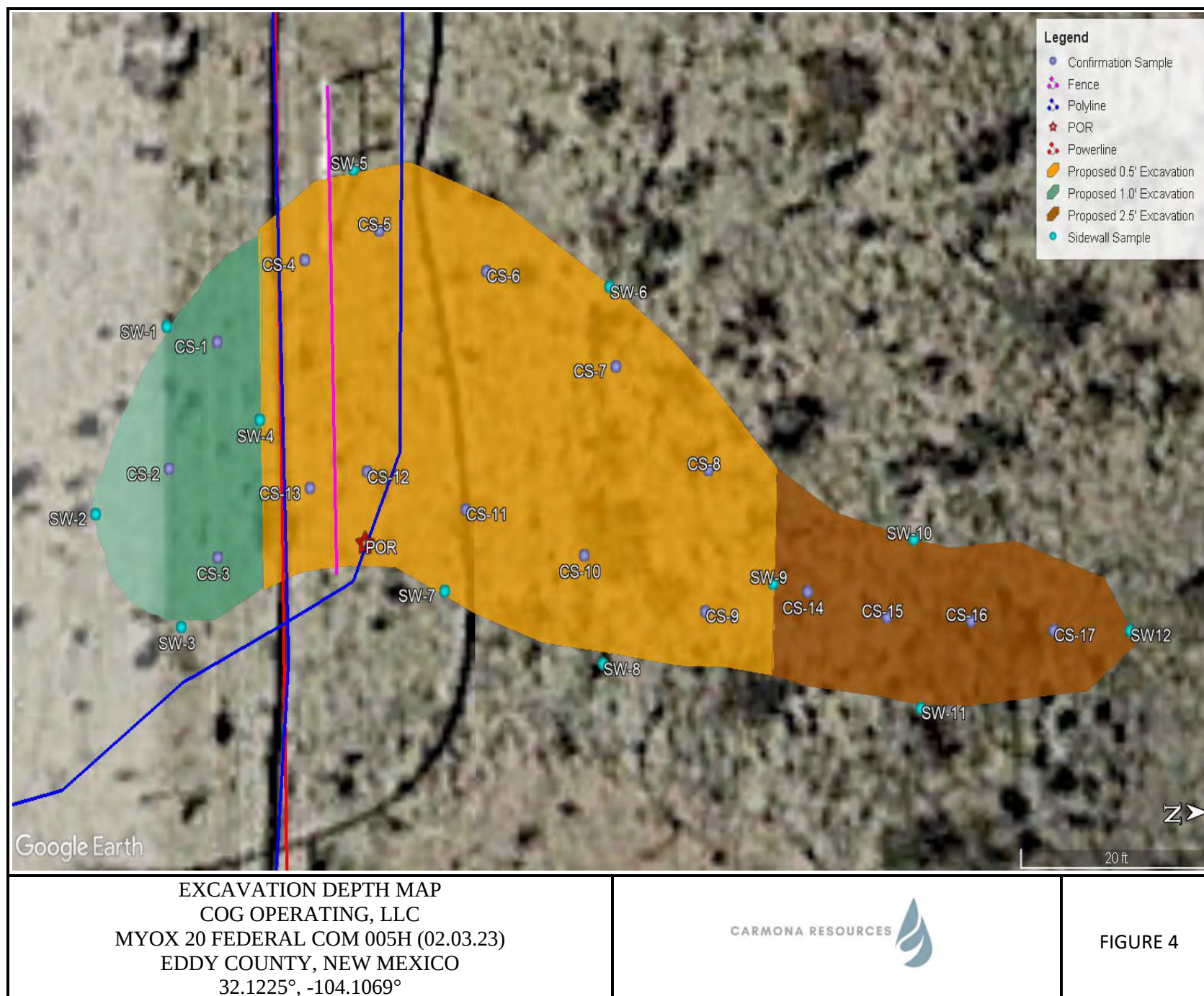


TOPOGRAPHIC MAP
 COG OPERATING, LLC
 MYOX 20 FEDERAL COM 005H (02.03.23)
 EDDY COUNTY, NEW MEXICO
 32.1225°, -104.1069°



FIGURE 2





APPENDIX A

CARMONA RESOURCES



Table 1
COG
Myox 20 Federal Com 005H (02.03.23)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-1	2/23/2023	0-0.25	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	17,100
	"	0.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,320
	"	1.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	457
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	474
	"	2.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	439
S-2	2/23/2023	0-0.25	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	12,700
	"	0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	418
	"	1.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	222
	"	1.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	681
	"	2.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	441
S-3	2/23/2023	0-0.25	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	11,800
	"	0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	660
	"	1.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	422
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	627
	"	2.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	997
H-1	2/23/2023	0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	80.1
H-2	2/23/2023	0.5	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	57.1
H-3	2/23/2023	0.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	49.2
H-4	2/23/2023	0.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	197
H-5	2/23/2023	0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	473
Regulatory Criteria^A						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft - feet

(S) - Sample Point

(H) - Horizontal

Removed

Table 2
COG
Myox 20 Federal Com 005H (02.03.23)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)	
			GRO	DRO	MRO	Total							
CS-1	3/28/2023	1.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	109	
CS-2	3/28/2023	1.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	106	
CS-3	3/28/2023	1.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	119	
CS-4	3/28/2023	2.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	82.8	
CS-5	3/28/2023	2.0	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	80.4	
CS-6	3/28/2023	2.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	99.2	
CS-7	3/28/2023	2.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	95.0	
CS-8	3/28/2023	2.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	82.4	
CS-9	3/28/2023	2.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	110	
CS-10	3/28/2023	2.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	79.6	
CS-11	3/28/2023	2.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	79.5	
CS-12	3/28/2023	2.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	137	
CS-13	3/28/2023	2.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	97.4	
CS-14	3/28/2023	2.5	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	74.8	
CS-15	3/28/2023	2.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	78.2	
CS-16	3/28/2023	2.5	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	73.1	
CS-17	3/28/2023	2.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	85.6	
Regulatory Criteria ^A							100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft - feet

(CS) - Confirmation Sample

Table 2
COG
Myox 20 Federal Com 005H (02.03.23)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-1	3/28/2023	1.0	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	105
SW-2	3/28/2023	1.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	131
SW-3	3/28/2023	1.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	123
SW-4	3/28/2023	2.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	101
SW-5	3/28/2023	2.0	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	151
SW-6	3/28/2023	2.0	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	123
SW-7	3/28/2023	2.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	87.1
SW-8	3/28/2023	2.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	131
SW-9	3/28/2023	2.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	68.9
SW-10	3/28/2023	2.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	76.6
SW-11	3/28/2023	2.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	99.7
SW-12	3/28/2023	2.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	67.9
Regulatory Criteria^A						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft - feet

(SW) - Side Wall

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Concho Operating, LLC

Photograph No. 1

Facility: Myox 20Federal Com 005H
(02.03.23)

County: Eddy County, New Mexico

Description:

View Southeast, area of CS-1 through CS-4 and CS-13.



Photograph No. 2

Facility: Myox 20Federal Com 005H
(02.03.23)

County: Eddy County, New Mexico

Description:

View Notheast, area of CS-5 through CS-12.



Photograph No. 3

Facility: Myox 20Federal Com 005H
(02.03.23)

County: Eddy County, New Mexico

Description:

View Nirth, area of CS-14 through CS-17.



APPENDIX C

CARMONA RESOURCES



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

State of New Mexico
Energy Minerals and Natural
Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	OGRID
Contact Name	Contact Telephone
Contact email	Incident # (assigned by OCD)
Contact mailing address	

Location of Release Source

Latitude _____ Longitude _____
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Site Type
Date Release Discovered	API# (if applicable)

Unit Letter	Section	Township	Range	County

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

Nature and Volume of Release

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

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☐ Produced Water	Volume Released (bbls)	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

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 <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name _____	Title: _____
Signature: <u>Battani Espinoza</u>	Date: _____
email: _____	Telephone: _____
<u>OCD Only</u>	
Received by: _____	Date: _____

L48 Spill Volume Estimate Form

Page 20 of 147

Received by OCD: 4/13/2023 9:12:12 AM

Facility Name & Number:	myox 20 fed 5 battery
Asset Area:	Delaware Basin West
Release Discovery Date & Time:	2/3/2023
Release Type:	Oil
Provide any known details about the event:	poly line hit

Spill Calculation - On Pad Surface Pool Spill

Convert Irregular shape into a series of rectangles	Length (ft.)	Width (ft.)	Deepest point in each of the areas (in.)	No. of boundaries of "shore" in each area	Estimated <u>Pool</u> Area (sq. ft.)	Estimated Average Depth (ft.)	Estimated volume of each pool area (bbl.)	Penetration allowance (ft.)	Total Estimated Volume of Spill (bbl.)
Rectangle A	45.0	30.0	2.00	4	1350.000	0.042	10.013	0.002	10.033
Rectangle B	0.0	0.0		4	0.000	0.000	0.000	0.000	0.000
Rectangle C					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Rectangle D					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Rectangle E					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Rectangle F					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Rectangle G					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Rectangle H					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Rectangle I					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Rectangle J					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Total Volume Release:									10.033

Released to Imaging: 8/31/2023 2:07:28 PM

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.

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: _____ Title: _____

Signature: Jacques Harimon Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: 04/13/2023

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: Jocelyn Harimon Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: 04/13/2023

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: _____ Date: _____

Printed Name: _____ Title: _____

From: Mike Carmona
Sent: Wednesday, March 22, 2023 1:40 PM
To: NMOCD Spill Notifications (OCD.Enviro@emnrd.nm.gov)
Cc: Conner Moehring; Harris, Jacqui
Subject: COG- Myox 20 Federal Com 005H (02.03.23) Sampling Notification - Incident No. NAPP2304554912

Good Afternoon,

On behalf of COG, Carmona Resources will collect confirmation samples for the below site on 03/28/23 around 9:00 a.m. Please let me know if you have any questions.

Myox 20 Federal Com 005H (02.03.23)
Incident No. NAPP2304554912

Mike J. Carmona
310 West Wall Street, Suite 500
Midland TX, 79701
M: 432-813-1992
Mcarmona@carmonaresources.com



APPENDIX D

CARMONA RESOURCES



Nearest water well

COG Operating

Legend

- 0.50 Mile Radius
- 0.62 Miles
- 0.63 Miles
- 1.24 Miles
- 1.26 Miles
- Myox 20 Federal Com 005 (02.03.2023)
- NMSEO Water Well
- USGS Water Well

67.08' - Drilled 2003

63' - Drilled 2015

Myox 20 Federal Com 005 (02.03.2023)

63.89' - Drilled 1998

96' - Drilled 1975



Medium Karst

COG Operating

Legend

-  High
-  Medium
-  Myox 20 Federal Com 005 (02.03.2023)

Myox 20 Federal Com 005 (02.03.2023)





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																
POD Number	Sub-Code	basin	County	Q Q Q						X	Y	Distance	Depth Well	Depth Water	Water Column	
				64	16	4	Sec	Tws	Rng							
C 01573 POD1	C	ED	3	1	4	20	25S	28E	584144	3553361		1018	176	96	80	
C 03861 POD1	C	ED	4	2	3	18	25S	28E	582266	3554864		2038	91	63	28	
C 03836 POD1	C	ED	2	2	4	29	25S	28E	584682	3551934		2479	300	30	270	
C 01522	C	ED				1	22	25S	28E	586843	3554004*		2624	150		
C 01278	C	ED		4	3	28	25S	28E	585470	3551338*		3274	205	90	115	
C 03938 POD1	CUB	ED	2	2	2	25	25S	27E	581482	3552616		3275	21	12	9	
C 02668	C	ED	2	1	2	09	25S	28E	585890	3557525*		3553	150			

Average Depth to Water: **58 feet**

Minimum Depth: **12 feet**

Maximum Depth: **96 feet**

Record Count: 7

UTMNAD83 Radius Search (in meters):

Easting (X): 584245

Northing (Y): 3554375

Radius: 4000

*UTM location was derived from PLSS - see Help

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3/13/23 2:35 PM

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WATER COLUMN/ AVERAGE
DEPTH TO WATER

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New Mexico

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Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 320649104062401

Minimum number of levels = 1
[Save file of selected sites](#) to local disk for future upload

USGS 320649104062401 25S.28E.20.41321

Eddy County, New Mexico
Latitude 32°06'49", Longitude 104°06'24" NAD27
Land-surface elevation 3,007 feet above NAVD88
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Rustler Formation (312RSLR) local aquifer.

Output formats

[Table of data](#)

[Tab-separated data](#)

[Graph of data](#)

[Reselect period](#)

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measured
1983-10-07			D	62610	2941.61	NGVD29	1	Z		
1983-10-07			D	62611	2943.20	NAVD88	1	Z		
1983-10-07			D	72019	63.80		1	Z		
1987-10-13			D	62610	2942.37	NGVD29	1	Z		
1987-10-13			D	62611	2943.96	NAVD88	1	Z		
1987-10-13			D	72019	63.04		1	Z		
1992-11-03			D	62610	2942.21	NGVD29	1	S		
1992-11-03			D	62611	2943.80	NAVD88	1	S		
1992-11-03			D	72019	63.20		1	S		
1998-01-23			D	62610	2941.52	NGVD29	1	S		
1998-01-23			D	62611	2943.11	NAVD88	1	S		
1998-01-23			D	72019	63.89		1	S		

Explanation

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

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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: 2023-03-13 16:39:06 EDT

0.29 0.25 nadww02





New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)							
		(quarters are smallest to largest)				(NAD83 UTM in meters)			
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
C	01573 POD1	3	1	4	20	25S	28E	584144	3553361
Driller License: 46		Driller Company:		ABBOTT BROTHERS COMPANY					
Driller Name:		MURRELL ABBOTT							
Drill Start Date: 01/15/1975		Drill Finish Date:		01/20/1975		Plug Date:			
Log File Date: 01/23/1975		PCW Rev Date:				Source:		Shallow	
Pump Type:		Pipe Discharge Size:				Estimated Yield:		50 GPM	
Casing Size: 7.00		Depth Well:		176 feet		Depth Water:		96 feet	
Water Bearing Stratifications:				Top	Bottom	Description			
				96	176	Sandstone/Gravel/Conglomerate			
Casing Perforations:				Top	Bottom				
				156	176				

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3/13/23 2:36 PM

POINT OF DIVERSION SUMMARY

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	? S
				Groundwater	New Mexico	GO	

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Groundwater levels for New Mexico

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Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 320738104073301

Minimum number of levels = 1
[Save file of selected sites](#) to local disk for future upload

USGS 320738104073301 25S.28E.18.32441

Eddy County, New Mexico
Latitude 32°07'37.3", Longitude 104°07'38.5" NAD83
Land-surface elevation 3,030.80 feet above NGVD29
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Rustler Formation (312RSLR) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measured
1948-12-06			D	62610	2963.93	NGVD29	1	Z		
1948-12-06			D	62611	2965.54	NAVD88	1	Z		
1948-12-06			D	72019	66.87		1	Z		
1978-01-12			D	62610	2963.55	NGVD29	1	Z		
1978-01-12			D	62611	2965.16	NAVD88	1	Z		
1978-01-12			D	72019	67.25		1	Z		
1983-02-01			D	62610	2966.25	NGVD29	1	Z		
1983-02-01			D	62611	2967.86	NAVD88	1	Z		
1983-02-01			D	72019	64.55		1	Z		
1987-10-13			D	62610	2965.34	NGVD29	1	Z		
1987-10-13			D	62611	2966.95	NAVD88	1	Z		
1987-10-13			D	72019	65.46		1	Z		
1988-04-07			D	62610	2965.51	NGVD29	1	Z		
1988-04-07			D	62611	2967.12	NAVD88	1	Z		
1988-04-07			D	72019	65.29		1	Z		

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
1992-11-04	D	62610	2963.59	NGVD29	P	S	
1992-11-04	D	62611	2965.20	NAVD88	P	S	
1992-11-04	D	72019	67.21		P	S	
1998-01-23	D	62610	2966.13	NGVD29	1	S	
1998-01-23	D	62611	2967.74	NAVD88	1	S	
1998-01-23	D	72019	64.67		1	S	
2003-01-24	D	62610	2963.72	NGVD29	1	S	USGS
2003-01-24	D	62611	2965.33	NAVD88	1	S	USGS
2003-01-24	D	72019	67.08		1	S	USGS

Explanation

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

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0.31 0.25 nadww02



New Mexico Office of the State Engineer

Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	C 03861 POD1	4	2	3	18	25S	28E	582266	3554864

x

Driller License:

1348

Driller Company:

TAYLOR WATER WELL SERVICE

Driller Name:

TAYLOR, CLINTON E.

Drill Start Date:

04/26/2015

Drill Finish Date:

04/30/2015

Plug Date:

Log File Date:

05/04/2015

PCW Rev Date:

Source:

Shallow

Pump Type:

Pipe Discharge Size:

Estimated Yield:

100 GPM

Casing Size:

6.00

Depth Well:

91 feet

Depth Water:

63 feet

x

Water Bearing Stratifications:

Top

Bottom

Description

68

91

Other/Unknown

x

Casing Perforations:

Top

Bottom

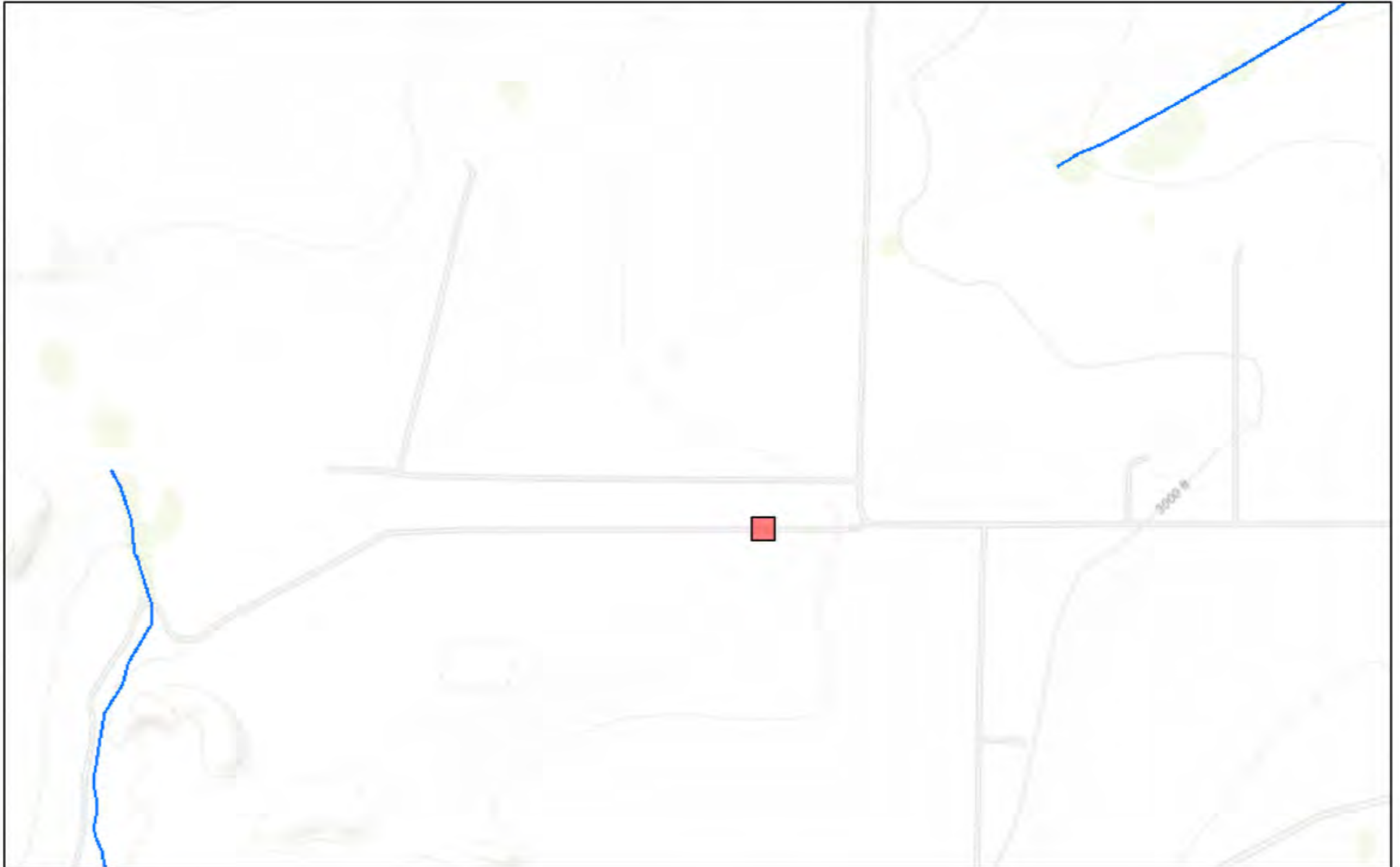
71

91

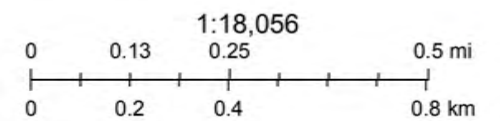
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New Mexico NFHL Data



March 13, 2023



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

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APPENDIX E

CARMONA RESOURCES





Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Conner Moehring
Carmona Resources
310 W Wall St
Ste 415
Midland, Texas 79701

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JOB DESCRIPTION

Myox 20 State 5H (02.03.23)
SDG NUMBER Eddy County, New Mexico

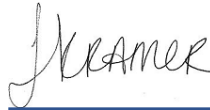
JOB NUMBER

880-25153-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

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

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Laboratory Job ID: 880-25153-1
SDG: Eddy County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-25153-1
SDG: Eddy 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
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: Myox 20 State 5H (02.03.23)

Job ID: 880-25153-1
SDG: Eddy County, New Mexico

Job ID: 880-25153-1**Laboratory: Eurofins Midland****Narrative****Job Narrative
880-25153-1****Receipt**

The samples were received on 2/24/2023 11:40 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 4.5°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: S-1 (0-3") (880-25153-1), S-1 (6") (880-25153-2), S-1 (1') (880-25153-3), S-1 (1.5') (880-25153-4), S-1 (2') (880-25153-5), S-2 (0-3") (880-25153-6), S-2 (6") (880-25153-7), S-2 (1') (880-25153-8), S-2 (1.5') (880-25153-9), S-2 (2') (880-25153-10), S-3 (0-3") (880-25153-11), S-3 (6") (880-25153-12), S-3 (1') (880-25153-13), S-3 (1.5') (880-25153-14), S-3 (2') (880-25153-15), H-1 (880-25153-16), H-2 (880-25153-17), H-3 (880-25153-18), H-4 (880-25153-19) and H-5 (880-25153-20).

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-47355 and analytical batch 880-47785 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.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-47632 and analytical batch 880-47785 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

GC Semi VOA

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 880-47517 and analytical batch 880-47594 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-25153-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-25153-1

Date Collected: 02/23/23 00:00

Matrix: Solid

Date Received: 02/24/23 11:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200		mg/Kg		03/02/23 11:31	03/04/23 11:05	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		03/02/23 11:31	03/04/23 11:05	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		03/02/23 11:31	03/04/23 11:05	1
m-Xylene & p-Xylene	<0.00401	U F1	0.00401		mg/Kg		03/02/23 11:31	03/04/23 11:05	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		03/02/23 11:31	03/04/23 11:05	1
Xylenes, Total	<0.00401	U F1	0.00401		mg/Kg		03/02/23 11:31	03/04/23 11:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	03/02/23 11:31	03/04/23 11:05	1
1,4-Difluorobenzene (Surr)	89		70 - 130	03/02/23 11:31	03/04/23 11:05	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			03/06/23 14:55	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			03/01/23 13:16	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		02/27/23 15:27	02/28/23 11:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/27/23 15:27	02/28/23 11:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/27/23 15:27	02/28/23 11:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130	02/27/23 15:27	02/28/23 11:39	1
o-Terphenyl	113		70 - 130	02/27/23 15:27	02/28/23 11:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17100		100		mg/Kg			03/02/23 01:51	20

Client Sample ID: S-1 (6")

Lab Sample ID: 880-25153-2

Date Collected: 02/23/23 00:00

Matrix: Solid

Date Received: 02/24/23 11:40

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		03/02/23 11:31	03/04/23 11:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/02/23 11:31	03/04/23 11:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/02/23 11:31	03/04/23 11:31	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/02/23 11:31	03/04/23 11:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/02/23 11:31	03/04/23 11:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/02/23 11:31	03/04/23 11:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	03/02/23 11:31	03/04/23 11:31	1
1,4-Difluorobenzene (Surr)	90		70 - 130	03/02/23 11:31	03/04/23 11:31	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-25153-1
SDG: Eddy County, New Mexico

Client Sample ID: S-1 (6")

Lab Sample ID: 880-25153-2

Date Collected: 02/23/23 00:00

Matrix: Solid

Date Received: 02/24/23 11:40

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			03/06/23 14:55	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			03/01/23 13:16	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		02/27/23 15:27	02/28/23 12:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/27/23 15:27	02/28/23 12:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/27/23 15:27	02/28/23 12:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				02/27/23 15:27	02/28/23 12:42	1
o-Terphenyl	98		70 - 130				02/27/23 15:27	02/28/23 12:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1320		5.02		mg/Kg			03/02/23 02:05	1

Client Sample ID: S-1 (1')

Lab Sample ID: 880-25153-3

Date Collected: 02/23/23 00:00

Matrix: Solid

Date Received: 02/24/23 11:40

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		03/02/23 11:31	03/04/23 11:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/02/23 11:31	03/04/23 11:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/02/23 11:31	03/04/23 11:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/02/23 11:31	03/04/23 11:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/02/23 11:31	03/04/23 11:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/02/23 11:31	03/04/23 11:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				03/02/23 11:31	03/04/23 11:58	1
1,4-Difluorobenzene (Surr)	96		70 - 130				03/02/23 11:31	03/04/23 11:58	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			03/06/23 14:55	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			03/01/23 13:16	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		02/27/23 15:27	02/28/23 13:03	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/27/23 15:27	02/28/23 13:03	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-25153-1
SDG: Eddy County, New Mexico

Client Sample ID: S-1 (1')

Lab Sample ID: 880-25153-3

Date Collected: 02/23/23 00:00

Matrix: Solid

Date Received: 02/24/23 11:40

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		02/27/23 15:27	02/28/23 13:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				02/27/23 15:27	02/28/23 13:03	1
o-Terphenyl	100		70 - 130				02/27/23 15:27	02/28/23 13:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	457		4.99		mg/Kg			03/02/23 02:09	1

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-25153-4

Date Collected: 02/23/23 00:00

Matrix: Solid

Date Received: 02/24/23 11:40

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		03/02/23 11:31	03/04/23 12:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/02/23 11:31	03/04/23 12:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/02/23 11:31	03/04/23 12:25	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/02/23 11:31	03/04/23 12:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/02/23 11:31	03/04/23 12:25	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/02/23 11:31	03/04/23 12:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				03/02/23 11:31	03/04/23 12:25	1
1,4-Difluorobenzene (Surr)	92		70 - 130				03/02/23 11:31	03/04/23 12:25	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			03/06/23 14:55	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			03/01/23 13:16	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		02/27/23 15:27	02/28/23 13:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/27/23 15:27	02/28/23 13:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/27/23 15:27	02/28/23 13:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				02/27/23 15:27	02/28/23 13:25	1
o-Terphenyl	102		70 - 130				02/27/23 15:27	02/28/23 13:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	474		5.05		mg/Kg			03/02/23 02:14	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-25153-1
SDG: Eddy County, New Mexico

Client Sample ID: S-1 (2')

Lab Sample ID: 880-25153-5

Date Collected: 02/23/23 00:00

Matrix: Solid

Date Received: 02/24/23 11:40

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		03/02/23 11:31	03/04/23 12:51	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/02/23 11:31	03/04/23 12:51	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/02/23 11:31	03/04/23 12:51	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/02/23 11:31	03/04/23 12:51	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/02/23 11:31	03/04/23 12:51	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/02/23 11:31	03/04/23 12:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	03/02/23 11:31	03/04/23 12:51	1
1,4-Difluorobenzene (Surr)	96		70 - 130	03/02/23 11:31	03/04/23 12:51	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			03/06/23 14:55	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			03/01/23 13:16	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		02/27/23 15:27	02/28/23 13:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/27/23 15:27	02/28/23 13:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/27/23 15:27	02/28/23 13:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130	02/27/23 15:27	02/28/23 13:46	1
o-Terphenyl	100		70 - 130	02/27/23 15:27	02/28/23 13:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	439		5.04		mg/Kg			03/02/23 02:19	1

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

Lab Sample ID: 880-25153-6

Date Collected: 02/23/23 00:00

Matrix: Solid

Date Received: 02/24/23 11:40

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		03/02/23 11:31	03/04/23 13:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/02/23 11:31	03/04/23 13:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/02/23 11:31	03/04/23 13:17	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/02/23 11:31	03/04/23 13:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/02/23 11:31	03/04/23 13:17	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/02/23 11:31	03/04/23 13:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	03/02/23 11:31	03/04/23 13:17	1
1,4-Difluorobenzene (Surr)	93		70 - 130	03/02/23 11:31	03/04/23 13:17	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-25153-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-25153-6

Date Collected: 02/23/23 00:00

Matrix: Solid

Date Received: 02/24/23 11:40

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			03/06/23 14:55	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			03/01/23 13:16	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		02/27/23 15:27	02/28/23 14:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/27/23 15:27	02/28/23 14:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/27/23 15:27	02/28/23 14:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				02/27/23 15:27	02/28/23 14:07	1
o-Terphenyl	104		70 - 130				02/27/23 15:27	02/28/23 14:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12700		50.0		mg/Kg			03/02/23 02:33	10

Client Sample ID: S-2 (6")

Lab Sample ID: 880-25153-7

Date Collected: 02/23/23 00:00

Matrix: Solid

Date Received: 02/24/23 11:40

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		03/02/23 11:31	03/04/23 13:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/02/23 11:31	03/04/23 13:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/02/23 11:31	03/04/23 13:44	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/02/23 11:31	03/04/23 13:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/02/23 11:31	03/04/23 13:44	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/02/23 11:31	03/04/23 13:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				03/02/23 11:31	03/04/23 13:44	1
1,4-Difluorobenzene (Surr)	97		70 - 130				03/02/23 11:31	03/04/23 13:44	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			03/06/23 14:55	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			03/01/23 13:16	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		02/27/23 15:27	02/28/23 14:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/27/23 15:27	02/28/23 14:28	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-25153-1
SDG: Eddy County, New Mexico

Client Sample ID: S-2 (6")

Lab Sample ID: 880-25153-7

Date Collected: 02/23/23 00:00

Matrix: Solid

Date Received: 02/24/23 11:40

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		02/27/23 15:27	02/28/23 14:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				02/27/23 15:27	02/28/23 14:28	1
o-Terphenyl	96		70 - 130				02/27/23 15:27	02/28/23 14:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	418		5.00		mg/Kg			03/02/23 02:38	1

Client Sample ID: S-2 (1')

Lab Sample ID: 880-25153-8

Date Collected: 02/23/23 00:00

Matrix: Solid

Date Received: 02/24/23 11:40

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		03/02/23 11:31	03/04/23 14:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/02/23 11:31	03/04/23 14:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/02/23 11:31	03/04/23 14:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/02/23 11:31	03/04/23 14:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/02/23 11:31	03/04/23 14:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/02/23 11:31	03/04/23 14:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130				03/02/23 11:31	03/04/23 14:10	1
1,4-Difluorobenzene (Surr)	102		70 - 130				03/02/23 11:31	03/04/23 14:10	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			03/06/23 14:55	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			03/01/23 13:16	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		02/27/23 15:27	02/28/23 14:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/27/23 15:27	02/28/23 14:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/27/23 15:27	02/28/23 14:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				02/27/23 15:27	02/28/23 14:49	1
o-Terphenyl	101		70 - 130				02/27/23 15:27	02/28/23 14:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	222		5.03		mg/Kg			03/02/23 02:42	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-25153-1
SDG: Eddy County, New Mexico

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-25153-9

Date Collected: 02/23/23 00:00

Matrix: Solid

Date Received: 02/24/23 11:40

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		03/02/23 11:31	03/04/23 14:36	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/02/23 11:31	03/04/23 14:36	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/02/23 11:31	03/04/23 14:36	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/02/23 11:31	03/04/23 14:36	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/02/23 11:31	03/04/23 14:36	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/02/23 11:31	03/04/23 14:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	03/02/23 11:31	03/04/23 14:36	1
1,4-Difluorobenzene (Surr)	93		70 - 130	03/02/23 11:31	03/04/23 14:36	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			03/06/23 14:55	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			03/01/23 13:16	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		02/27/23 15:27	02/28/23 15:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/27/23 15:27	02/28/23 15:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/27/23 15:27	02/28/23 15:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	02/27/23 15:27	02/28/23 15:10	1
o-Terphenyl	95		70 - 130	02/27/23 15:27	02/28/23 15:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	681		5.02		mg/Kg			03/02/23 02:47	1

Client Sample ID: S-2 (2')

Lab Sample ID: 880-25153-10

Date Collected: 02/23/23 00:00

Matrix: Solid

Date Received: 02/24/23 11:40

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		03/02/23 11:31	03/04/23 15:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/02/23 11:31	03/04/23 15:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/02/23 11:31	03/04/23 15:02	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/02/23 11:31	03/04/23 15:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/02/23 11:31	03/04/23 15:02	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/02/23 11:31	03/04/23 15:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	03/02/23 11:31	03/04/23 15:02	1
1,4-Difluorobenzene (Surr)	91		70 - 130	03/02/23 11:31	03/04/23 15:02	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-25153-1
SDG: Eddy County, New Mexico

Client Sample ID: S-2 (2')

Lab Sample ID: 880-25153-10

Date Collected: 02/23/23 00:00

Matrix: Solid

Date Received: 02/24/23 11:40

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			03/06/23 14:55	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			03/01/23 13:16	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		02/27/23 15:27	02/28/23 15:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/27/23 15:27	02/28/23 15:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/27/23 15:27	02/28/23 15:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				02/27/23 15:27	02/28/23 15:32	1
o-Terphenyl	100		70 - 130				02/27/23 15:27	02/28/23 15:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	441		4.98		mg/Kg			03/02/23 02:52	1

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

Lab Sample ID: 880-25153-11

Date Collected: 02/23/23 00:00

Matrix: Solid

Date Received: 02/24/23 11:40

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		03/02/23 11:31	03/04/23 16:45	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/02/23 11:31	03/04/23 16:45	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/02/23 11:31	03/04/23 16:45	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/02/23 11:31	03/04/23 16:45	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/02/23 11:31	03/04/23 16:45	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/02/23 11:31	03/04/23 16:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				03/02/23 11:31	03/04/23 16:45	1
1,4-Difluorobenzene (Surr)	86		70 - 130				03/02/23 11:31	03/04/23 16:45	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			03/06/23 14:55	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			03/01/23 13:16	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		02/27/23 15:27	02/28/23 16:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/27/23 15:27	02/28/23 16:18	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-25153-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-25153-11

Date Collected: 02/23/23 00:00

Matrix: Solid

Date Received: 02/24/23 11:40

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		02/27/23 15:27	02/28/23 16:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				02/27/23 15:27	02/28/23 16:18	1
o-Terphenyl	98		70 - 130				02/27/23 15:27	02/28/23 16:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11800	F1	99.2		mg/Kg			03/02/23 02:56	20

Client Sample ID: S-3 (6")

Lab Sample ID: 880-25153-12

Date Collected: 02/23/23 00:00

Matrix: Solid

Date Received: 02/24/23 11:40

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		03/02/23 11:31	03/04/23 17:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/02/23 11:31	03/04/23 17:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/02/23 11:31	03/04/23 17:11	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/02/23 11:31	03/04/23 17:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/02/23 11:31	03/04/23 17:11	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/02/23 11:31	03/04/23 17:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				03/02/23 11:31	03/04/23 17:11	1
1,4-Difluorobenzene (Surr)	90		70 - 130				03/02/23 11:31	03/04/23 17:11	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			03/06/23 14:55	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			03/01/23 13:16	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		02/27/23 15:27	02/28/23 16:40	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/27/23 15:27	02/28/23 16:40	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/27/23 15:27	02/28/23 16:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				02/27/23 15:27	02/28/23 16:40	1
o-Terphenyl	101		70 - 130				02/27/23 15:27	02/28/23 16:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	660		4.96		mg/Kg			03/02/23 03:10	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-25153-1
SDG: Eddy County, New Mexico

Client Sample ID: S-3 (1')

Lab Sample ID: 880-25153-13

Date Collected: 02/23/23 00:00

Matrix: Solid

Date Received: 02/24/23 11:40

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		03/02/23 11:31	03/04/23 17:36	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/02/23 11:31	03/04/23 17:36	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/02/23 11:31	03/04/23 17:36	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/02/23 11:31	03/04/23 17:36	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/02/23 11:31	03/04/23 17:36	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/02/23 11:31	03/04/23 17:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	03/02/23 11:31	03/04/23 17:36	1
1,4-Difluorobenzene (Surr)	87		70 - 130	03/02/23 11:31	03/04/23 17:36	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			03/06/23 14:55	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			03/01/23 13:16	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		02/27/23 15:27	02/28/23 17:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/27/23 15:27	02/28/23 17:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/27/23 15:27	02/28/23 17:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	02/27/23 15:27	02/28/23 17:01	1
o-Terphenyl	96		70 - 130	02/27/23 15:27	02/28/23 17:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	422		4.97		mg/Kg			03/02/23 03:15	1

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-25153-14

Date Collected: 02/23/23 00:00

Matrix: Solid

Date Received: 02/24/23 11:40

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		03/02/23 11:31	03/04/23 18:02	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/02/23 11:31	03/04/23 18:02	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/02/23 11:31	03/04/23 18:02	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/02/23 11:31	03/04/23 18:02	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/02/23 11:31	03/04/23 18:02	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/02/23 11:31	03/04/23 18:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	03/02/23 11:31	03/04/23 18:02	1
1,4-Difluorobenzene (Surr)	90		70 - 130	03/02/23 11:31	03/04/23 18:02	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-25153-1
SDG: Eddy County, New Mexico

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-25153-14

Date Collected: 02/23/23 00:00

Matrix: Solid

Date Received: 02/24/23 11:40

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			03/06/23 14:55	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			03/01/23 13:16	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		02/27/23 15:27	02/28/23 17:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/27/23 15:27	02/28/23 17:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/27/23 15:27	02/28/23 17:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				02/27/23 15:27	02/28/23 17:23	1
o-Terphenyl	100		70 - 130				02/27/23 15:27	02/28/23 17:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	627		5.03		mg/Kg			03/02/23 03:29	1

Client Sample ID: S-3 (2')

Lab Sample ID: 880-25153-15

Date Collected: 02/23/23 00:00

Matrix: Solid

Date Received: 02/24/23 11:40

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		03/02/23 11:31	03/04/23 18:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/02/23 11:31	03/04/23 18:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/02/23 11:31	03/04/23 18:28	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/02/23 11:31	03/04/23 18:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/02/23 11:31	03/04/23 18:28	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/02/23 11:31	03/04/23 18:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				03/02/23 11:31	03/04/23 18:28	1
1,4-Difluorobenzene (Surr)	96		70 - 130				03/02/23 11:31	03/04/23 18:28	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			03/06/23 14:55	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			03/01/23 13:16	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		02/27/23 15:27	02/28/23 17:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/27/23 15:27	02/28/23 17:44	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-25153-1
SDG: Eddy County, New Mexico

Client Sample ID: S-3 (2')

Lab Sample ID: 880-25153-15

Date Collected: 02/23/23 00:00

Matrix: Solid

Date Received: 02/24/23 11:40

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		02/27/23 15:27	02/28/23 17:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				02/27/23 15:27	02/28/23 17:44	1
o-Terphenyl	92		70 - 130				02/27/23 15:27	02/28/23 17:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	997		5.00		mg/Kg			03/02/23 03:33	1

Client Sample ID: H-1

Lab Sample ID: 880-25153-16

Date Collected: 02/23/23 00:00

Matrix: Solid

Date Received: 02/24/23 11:40

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		03/02/23 11:31	03/04/23 18:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/02/23 11:31	03/04/23 18:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/02/23 11:31	03/04/23 18:54	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/02/23 11:31	03/04/23 18:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/02/23 11:31	03/04/23 18:54	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/02/23 11:31	03/04/23 18:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130				03/02/23 11:31	03/04/23 18:54	1
1,4-Difluorobenzene (Surr)	97		70 - 130				03/02/23 11:31	03/04/23 18:54	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			03/06/23 14:55	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			03/01/23 13:16	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		02/27/23 15:27	02/28/23 18:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/27/23 15:27	02/28/23 18:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/27/23 15:27	02/28/23 18:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				02/27/23 15:27	02/28/23 18:05	1
o-Terphenyl	99		70 - 130				02/27/23 15:27	02/28/23 18:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	80.1		4.98		mg/Kg			03/02/23 03:38	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-25153-1
SDG: Eddy County, New Mexico

Client Sample ID: H-2

Lab Sample ID: 880-25153-17

Date Collected: 02/23/23 00:00

Matrix: Solid

Date Received: 02/24/23 11:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/02/23 11:31	03/04/23 19:19	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/02/23 11:31	03/04/23 19:19	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/02/23 11:31	03/04/23 19:19	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/02/23 11:31	03/04/23 19:19	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/02/23 11:31	03/04/23 19:19	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/02/23 11:31	03/04/23 19:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	03/02/23 11:31	03/04/23 19:19	1
1,4-Difluorobenzene (Surr)	91		70 - 130	03/02/23 11:31	03/04/23 19:19	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			03/06/23 14:55	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			03/01/23 13:16	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		02/27/23 15:27	02/28/23 18:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/27/23 15:27	02/28/23 18:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/27/23 15:27	02/28/23 18:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130	02/27/23 15:27	02/28/23 18:26	1
o-Terphenyl	100		70 - 130	02/27/23 15:27	02/28/23 18:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	57.1		4.97		mg/Kg			03/02/23 03:43	1

Client Sample ID: H-3

Lab Sample ID: 880-25153-18

Date Collected: 02/23/23 00:00

Matrix: Solid

Date Received: 02/24/23 11:40

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		03/02/23 11:31	03/04/23 19:45	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/02/23 11:31	03/04/23 19:45	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/02/23 11:31	03/04/23 19:45	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/02/23 11:31	03/04/23 19:45	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/02/23 11:31	03/04/23 19:45	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/02/23 11:31	03/04/23 19:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	03/02/23 11:31	03/04/23 19:45	1
1,4-Difluorobenzene (Surr)	90		70 - 130	03/02/23 11:31	03/04/23 19:45	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-25153-1
SDG: Eddy County, New Mexico

Client Sample ID: H-3

Lab Sample ID: 880-25153-18

Date Collected: 02/23/23 00:00

Matrix: Solid

Date Received: 02/24/23 11:40

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			03/06/23 14:55	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			03/01/23 13:16	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		02/27/23 15:27	02/28/23 18:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/27/23 15:27	02/28/23 18:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/27/23 15:27	02/28/23 18:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				02/27/23 15:27	02/28/23 18:47	1
o-Terphenyl	101		70 - 130				02/27/23 15:27	02/28/23 18:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	49.2		5.02		mg/Kg			03/02/23 03:47	1

Client Sample ID: H-4

Lab Sample ID: 880-25153-19

Date Collected: 02/23/23 00:00

Matrix: Solid

Date Received: 02/24/23 11:40

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		03/02/23 11:31	03/04/23 20:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/02/23 11:31	03/04/23 20:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/02/23 11:31	03/04/23 20:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/02/23 11:31	03/04/23 20:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/02/23 11:31	03/04/23 20:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/02/23 11:31	03/04/23 20:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130				03/02/23 11:31	03/04/23 20:10	1
1,4-Difluorobenzene (Surr)	97		70 - 130				03/02/23 11:31	03/04/23 20:10	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			03/06/23 14:55	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			03/01/23 13:16	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		02/27/23 15:27	02/28/23 19:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/27/23 15:27	02/28/23 19:08	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-25153-1
SDG: Eddy County, New Mexico

Client Sample ID: H-4

Lab Sample ID: 880-25153-19

Date Collected: 02/23/23 00:00

Matrix: Solid

Date Received: 02/24/23 11:40

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		02/27/23 15:27	02/28/23 19:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				02/27/23 15:27	02/28/23 19:08	1
o-Terphenyl	95		70 - 130				02/27/23 15:27	02/28/23 19:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	197		5.01		mg/Kg			03/02/23 03:52	1

Client Sample ID: H-5

Lab Sample ID: 880-25153-20

Date Collected: 02/23/23 00:00

Matrix: Solid

Date Received: 02/24/23 11:40

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		03/02/23 11:31	03/04/23 20:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/02/23 11:31	03/04/23 20:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/02/23 11:31	03/04/23 20:36	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/02/23 11:31	03/04/23 20:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/02/23 11:31	03/04/23 20:36	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/02/23 11:31	03/04/23 20:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				03/02/23 11:31	03/04/23 20:36	1
1,4-Difluorobenzene (Surr)	98		70 - 130				03/02/23 11:31	03/04/23 20:36	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			03/06/23 14:55	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			03/01/23 13:16	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		02/27/23 15:27	02/28/23 19:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/27/23 15:27	02/28/23 19:30	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/27/23 15:27	02/28/23 19:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				02/27/23 15:27	02/28/23 19:30	1
o-Terphenyl	108		70 - 130				02/27/23 15:27	02/28/23 19:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	473		24.9		mg/Kg			03/02/23 03:57	5

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Surrogate Summary

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-25153-1
SDG: Eddy 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	DFBZ1				
		(70-130)	(70-130)				
880-25153-1	S-1 (0-3")	116	89				
880-25153-1 MS	S-1 (0-3")	83	80				
880-25153-2	S-1 (6")	109	90				
880-25153-3	S-1 (1')	116	96				
880-25153-4	S-1 (1.5')	116	92				
880-25153-5	S-1 (2')	117	96				
880-25153-6	S-2 (0-3")	122	93				
880-25153-7	S-2 (6")	108	97				
880-25153-8	S-2 (1')	124	102				
880-25153-9	S-2 (1.5')	126	93				
880-25153-10	S-2 (2')	115	91				
880-25153-11	S-3 (0-3")	115	86				
880-25153-12	S-3 (6")	122	90				
880-25153-13	S-3 (1')	122	87				
880-25153-14	S-3 (1.5')	124	90				
880-25153-15	S-3 (2')	128	96				
880-25153-16	H-1	121	97				
880-25153-17	H-2	111	91				
880-25153-18	H-3	117	90				
880-25153-19	H-4	121	97				
880-25153-20	H-5	114	98				
890-4173-A-1-H MSD	Matrix Spike Duplicate	90	98				
LCS 880-47355/1-A	Lab Control Sample	102	99				
LCS 880-47632/1-A	Lab Control Sample	101	105				
LCSD 880-47355/2-A	Lab Control Sample Dup	90	92				
LCSD 880-47632/2-A	Lab Control Sample Dup	93	98				
MB 880-47355/5-A	Method Blank	65 S1-	94				
MB 880-47632/5-A	Method Blank	67 S1-	85				
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	OTPH1				
		(70-130)	(70-130)				
880-25153-1	S-1 (0-3")	119	113				
880-25153-1 MS	S-1 (0-3")	117	100				
880-25153-1 MSD	S-1 (0-3")	118	101				
880-25153-2	S-1 (6")	100	98				
880-25153-3	S-1 (1')	105	100				
880-25153-4	S-1 (1.5')	107	102				
880-25153-5	S-1 (2')	106	100				
880-25153-6	S-2 (0-3")	110	104				
880-25153-7	S-2 (6")	102	96				
880-25153-8	S-2 (1')	106	101				
880-25153-9	S-2 (1.5')	103	95				

Eurofins Midland

Surrogate Summary

Client: Carmona Resources

Job ID: 880-25153-1

Project/Site: Myox 20 State 5H (02.03.23)

SDG: Eddy County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-25153-10	S-2 (2')	104	100
880-25153-11	S-3 (0-3")	101	98
880-25153-12	S-3 (6")	104	101
880-25153-13	S-3 (1')	102	96
880-25153-14	S-3 (1.5')	105	100
880-25153-15	S-3 (2')	99	92
880-25153-16	H-1	106	99
880-25153-17	H-2	108	100
880-25153-18	H-3	105	101
880-25153-19	H-4	99	95
880-25153-20	H-5	111	108
LCS 880-47344/2-A	Lab Control Sample	107	97
LCSD 880-47344/3-A	Lab Control Sample Dup	109	98
MB 880-47344/1-A	Method Blank	109	105
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-25153-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-47355/5-A

Matrix: Solid

Analysis Batch: 47785

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 47355

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/27/23 16:32	03/03/23 21:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/27/23 16:32	03/03/23 21:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/27/23 16:32	03/03/23 21:04	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/27/23 16:32	03/03/23 21:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/27/23 16:32	03/03/23 21:04	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/27/23 16:32	03/03/23 21:04	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	65	S1-	70 - 130	02/27/23 16:32	03/03/23 21:04	1
1,4-Difluorobenzene (Surr)	94		70 - 130	02/27/23 16:32	03/03/23 21:04	1

Lab Sample ID: LCS 880-47355/1-A

Matrix: Solid

Analysis Batch: 47785

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 47355

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1188		mg/Kg		119	70 - 130
Toluene	0.100	0.1090		mg/Kg		109	70 - 130
Ethylbenzene	0.100	0.1033		mg/Kg		103	70 - 130
m-Xylene & p-Xylene	0.200	0.2216		mg/Kg		111	70 - 130
o-Xylene	0.100	0.1005		mg/Kg		101	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-47355/2-A

Matrix: Solid

Analysis Batch: 47785

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 47355

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1032		mg/Kg		103	70 - 130	14	35
Toluene	0.100	0.1019		mg/Kg		102	70 - 130	7	35
Ethylbenzene	0.100	0.09705		mg/Kg		97	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.2090		mg/Kg		105	70 - 130	6	35
o-Xylene	0.100	0.09374		mg/Kg		94	70 - 130	7	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	90		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: 890-4173-A-1-H MSD

Matrix: Solid

Analysis Batch: 47785

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 47355

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U F1	0.0990	0.06446	F1	mg/Kg		65	70 - 130	32	35
Toluene	<0.00202	U F2 F1	0.0990	0.04767	F2 F1	mg/Kg		48	70 - 130	51	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-25153-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 890-4173-A-1-H MSD

Matrix: Solid

Analysis Batch: 47785

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 47355

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethylbenzene	<0.00202	U F2 F1	0.0990	0.04068	F2 F1	mg/Kg		41	70 - 130	59	35
m-Xylene & p-Xylene	<0.00403	U F2 F1	0.198	0.08556	F2 F1	mg/Kg		43	70 - 130	59	35
o-Xylene	<0.00202	U F2 F1	0.0990	0.04197	F2 F1	mg/Kg		42	70 - 130	51	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	90		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: MB 880-47632/5-A

Matrix: Solid

Analysis Batch: 47785

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 47632

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/02/23 11:31	03/04/23 10:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/02/23 11:31	03/04/23 10:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/02/23 11:31	03/04/23 10:38	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/02/23 11:31	03/04/23 10:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/02/23 11:31	03/04/23 10:38	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/02/23 11:31	03/04/23 10:38	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	67	S1-	70 - 130	03/02/23 11:31	03/04/23 10:38	1
1,4-Difluorobenzene (Surr)	85		70 - 130	03/02/23 11:31	03/04/23 10:38	1

Lab Sample ID: LCS 880-47632/1-A

Matrix: Solid

Analysis Batch: 47785

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 47632

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1012		mg/Kg		101	70 - 130
Toluene	0.100	0.09070		mg/Kg		91	70 - 130
Ethylbenzene	0.100	0.08590		mg/Kg		86	70 - 130
m-Xylene & p-Xylene	0.200	0.1842		mg/Kg		92	70 - 130
o-Xylene	0.100	0.08668		mg/Kg		87	70 - 130

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

Lab Sample ID: LCSD 880-47632/2-A

Matrix: Solid

Analysis Batch: 47785

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 47632

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1105		mg/Kg		110	70 - 130	9	35
Toluene	0.100	0.09761		mg/Kg		98	70 - 130	7	35
Ethylbenzene	0.100	0.08733		mg/Kg		87	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.1869		mg/Kg		93	70 - 130	1	35

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-25153-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCSD 880-47632/2-A

Matrix: Solid

Analysis Batch: 47785

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 47632

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
o-Xylene	0.100	0.09077		mg/Kg		91	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-25153-1 MS

Matrix: Solid

Analysis Batch: 47785

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

Prep Type: Total/NA

Prep Batch: 47632

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1	0.100	0.02728	F1	mg/Kg		27	70 - 130
Toluene	<0.00200	U F1	0.100	0.02931	F1	mg/Kg		29	70 - 130
Ethylbenzene	<0.00200	U F1	0.100	0.03231	F1	mg/Kg		32	70 - 130
m-Xylene & p-Xylene	<0.00401	U F1	0.201	0.06730	F1	mg/Kg		34	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.03228	F1	mg/Kg		32	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	83		70 - 130
1,4-Difluorobenzene (Surr)	80		70 - 130

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

Lab Sample ID: MB 880-47344/1-A

Matrix: Solid

Analysis Batch: 47383

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 47344

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		02/27/23 15:27	02/28/23 09:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/27/23 15:27	02/28/23 09:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/27/23 15:27	02/28/23 09:07	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130	02/27/23 15:27	02/28/23 09:07	1
o-Terphenyl	105		70 - 130	02/27/23 15:27	02/28/23 09:07	1

Lab Sample ID: LCS 880-47344/2-A

Matrix: Solid

Analysis Batch: 47383

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 47344

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	927.4		mg/Kg		93	70 - 130
Diesel Range Organics (Over C10-C28)	1000	988.3		mg/Kg		99	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-25153-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-47344/2-A

Matrix: Solid

Analysis Batch: 47383

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 47344

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	107		70 - 130
o-Terphenyl	97		70 - 130

Lab Sample ID: LCSD 880-47344/3-A

Matrix: Solid

Analysis Batch: 47383

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 47344

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	998.1		mg/Kg		100	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	1000	1027		mg/Kg		103	70 - 130	4	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	109		70 - 130
o-Terphenyl	98		70 - 130

Lab Sample ID: 880-25153-1 MS

Matrix: Solid

Analysis Batch: 47383

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

Prep Type: Total/NA

Prep Batch: 47344

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1079		mg/Kg		104	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	998	823.0		mg/Kg		80	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	117		70 - 130
o-Terphenyl	100		70 - 130

Lab Sample ID: 880-25153-1 MSD

Matrix: Solid

Analysis Batch: 47383

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

Prep Type: Total/NA

Prep Batch: 47344

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	<49.9	U	997	1096		mg/Kg		106	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.9	U	997	827.7		mg/Kg		81	70 - 130	1	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	118		70 - 130
o-Terphenyl	101		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-25153-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-47517/1-A

Matrix: Solid

Analysis Batch: 47594

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			03/02/23 01:37	1

Lab Sample ID: LCS 880-47517/2-A

Matrix: Solid

Analysis Batch: 47594

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	273.2		mg/Kg		109	90 - 110

Lab Sample ID: LCSD 880-47517/3-A

Matrix: Solid

Analysis Batch: 47594

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	273.4		mg/Kg		109	90 - 110	0	20

Lab Sample ID: 880-25153-1 MS

Matrix: Solid

Analysis Batch: 47594

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	17100		5020	21900		mg/Kg		96	90 - 110

Lab Sample ID: 880-25153-1 MSD

Matrix: Solid

Analysis Batch: 47594

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	17100		5020	21980		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 880-25153-11 MS

Matrix: Solid

Analysis Batch: 47594

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	11800	F1	4960	18410	F1	mg/Kg		134	90 - 110

Lab Sample ID: 880-25153-11 MSD

Matrix: Solid

Analysis Batch: 47594

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	11800	F1	4960	18400	F1	mg/Kg		133	90 - 110	0	20

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QC Association Summary

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-25153-1
SDG: Eddy County, New Mexico

GC VOA

Prep Batch: 47355

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-47355/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-47355/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-47355/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-4173-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 47632

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25153-1	S-1 (0-3")	Total/NA	Solid	5035	
880-25153-2	S-1 (6")	Total/NA	Solid	5035	
880-25153-3	S-1 (1')	Total/NA	Solid	5035	
880-25153-4	S-1 (1.5')	Total/NA	Solid	5035	
880-25153-5	S-1 (2')	Total/NA	Solid	5035	
880-25153-6	S-2 (0-3")	Total/NA	Solid	5035	
880-25153-7	S-2 (6")	Total/NA	Solid	5035	
880-25153-8	S-2 (1')	Total/NA	Solid	5035	
880-25153-9	S-2 (1.5')	Total/NA	Solid	5035	
880-25153-10	S-2 (2')	Total/NA	Solid	5035	
880-25153-11	S-3 (0-3")	Total/NA	Solid	5035	
880-25153-12	S-3 (6")	Total/NA	Solid	5035	
880-25153-13	S-3 (1')	Total/NA	Solid	5035	
880-25153-14	S-3 (1.5')	Total/NA	Solid	5035	
880-25153-15	S-3 (2')	Total/NA	Solid	5035	
880-25153-16	H-1	Total/NA	Solid	5035	
880-25153-17	H-2	Total/NA	Solid	5035	
880-25153-18	H-3	Total/NA	Solid	5035	
880-25153-19	H-4	Total/NA	Solid	5035	
880-25153-20	H-5	Total/NA	Solid	5035	
MB 880-47632/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-47632/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-47632/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-25153-1 MS	S-1 (0-3")	Total/NA	Solid	5035	

Analysis Batch: 47785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25153-1	S-1 (0-3")	Total/NA	Solid	8021B	47632
880-25153-2	S-1 (6")	Total/NA	Solid	8021B	47632
880-25153-3	S-1 (1')	Total/NA	Solid	8021B	47632
880-25153-4	S-1 (1.5')	Total/NA	Solid	8021B	47632
880-25153-5	S-1 (2')	Total/NA	Solid	8021B	47632
880-25153-6	S-2 (0-3")	Total/NA	Solid	8021B	47632
880-25153-7	S-2 (6")	Total/NA	Solid	8021B	47632
880-25153-8	S-2 (1')	Total/NA	Solid	8021B	47632
880-25153-9	S-2 (1.5')	Total/NA	Solid	8021B	47632
880-25153-10	S-2 (2')	Total/NA	Solid	8021B	47632
880-25153-11	S-3 (0-3")	Total/NA	Solid	8021B	47632
880-25153-12	S-3 (6")	Total/NA	Solid	8021B	47632
880-25153-13	S-3 (1')	Total/NA	Solid	8021B	47632
880-25153-14	S-3 (1.5')	Total/NA	Solid	8021B	47632
880-25153-15	S-3 (2')	Total/NA	Solid	8021B	47632
880-25153-16	H-1	Total/NA	Solid	8021B	47632
880-25153-17	H-2	Total/NA	Solid	8021B	47632

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QC Association Summary

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-25153-1
SDG: Eddy County, New Mexico

GC VOA (Continued)

Analysis Batch: 47785 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25153-18	H-3	Total/NA	Solid	8021B	47632
880-25153-19	H-4	Total/NA	Solid	8021B	47632
880-25153-20	H-5	Total/NA	Solid	8021B	47632
MB 880-47355/5-A	Method Blank	Total/NA	Solid	8021B	47355
MB 880-47632/5-A	Method Blank	Total/NA	Solid	8021B	47632
LCS 880-47355/1-A	Lab Control Sample	Total/NA	Solid	8021B	47355
LCS 880-47632/1-A	Lab Control Sample	Total/NA	Solid	8021B	47632
LCSD 880-47355/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	47355
LCSD 880-47632/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	47632
880-25153-1 MS	S-1 (0-3")	Total/NA	Solid	8021B	47632
890-4173-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	47355

Analysis Batch: 47954

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25153-1	S-1 (0-3")	Total/NA	Solid	Total BTEX	
880-25153-2	S-1 (6")	Total/NA	Solid	Total BTEX	
880-25153-3	S-1 (1')	Total/NA	Solid	Total BTEX	
880-25153-4	S-1 (1.5')	Total/NA	Solid	Total BTEX	
880-25153-5	S-1 (2')	Total/NA	Solid	Total BTEX	
880-25153-6	S-2 (0-3")	Total/NA	Solid	Total BTEX	
880-25153-7	S-2 (6")	Total/NA	Solid	Total BTEX	
880-25153-8	S-2 (1')	Total/NA	Solid	Total BTEX	
880-25153-9	S-2 (1.5')	Total/NA	Solid	Total BTEX	
880-25153-10	S-2 (2')	Total/NA	Solid	Total BTEX	
880-25153-11	S-3 (0-3")	Total/NA	Solid	Total BTEX	
880-25153-12	S-3 (6")	Total/NA	Solid	Total BTEX	
880-25153-13	S-3 (1')	Total/NA	Solid	Total BTEX	
880-25153-14	S-3 (1.5')	Total/NA	Solid	Total BTEX	
880-25153-15	S-3 (2')	Total/NA	Solid	Total BTEX	
880-25153-16	H-1	Total/NA	Solid	Total BTEX	
880-25153-17	H-2	Total/NA	Solid	Total BTEX	
880-25153-18	H-3	Total/NA	Solid	Total BTEX	
880-25153-19	H-4	Total/NA	Solid	Total BTEX	
880-25153-20	H-5	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 47344

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25153-1	S-1 (0-3")	Total/NA	Solid	8015NM Prep	
880-25153-2	S-1 (6")	Total/NA	Solid	8015NM Prep	
880-25153-3	S-1 (1')	Total/NA	Solid	8015NM Prep	
880-25153-4	S-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-25153-5	S-1 (2')	Total/NA	Solid	8015NM Prep	
880-25153-6	S-2 (0-3")	Total/NA	Solid	8015NM Prep	
880-25153-7	S-2 (6")	Total/NA	Solid	8015NM Prep	
880-25153-8	S-2 (1')	Total/NA	Solid	8015NM Prep	
880-25153-9	S-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-25153-10	S-2 (2')	Total/NA	Solid	8015NM Prep	
880-25153-11	S-3 (0-3")	Total/NA	Solid	8015NM Prep	
880-25153-12	S-3 (6")	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-25153-1
SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 47344 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25153-13	S-3 (1')	Total/NA	Solid	8015NM Prep	
880-25153-14	S-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-25153-15	S-3 (2')	Total/NA	Solid	8015NM Prep	
880-25153-16	H-1	Total/NA	Solid	8015NM Prep	
880-25153-17	H-2	Total/NA	Solid	8015NM Prep	
880-25153-18	H-3	Total/NA	Solid	8015NM Prep	
880-25153-19	H-4	Total/NA	Solid	8015NM Prep	
880-25153-20	H-5	Total/NA	Solid	8015NM Prep	
MB 880-47344/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-47344/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-47344/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-25153-1 MS	S-1 (0-3")	Total/NA	Solid	8015NM Prep	
880-25153-1 MSD	S-1 (0-3")	Total/NA	Solid	8015NM Prep	

Analysis Batch: 47383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25153-1	S-1 (0-3")	Total/NA	Solid	8015B NM	47344
880-25153-2	S-1 (6")	Total/NA	Solid	8015B NM	47344
880-25153-3	S-1 (1')	Total/NA	Solid	8015B NM	47344
880-25153-4	S-1 (1.5')	Total/NA	Solid	8015B NM	47344
880-25153-5	S-1 (2')	Total/NA	Solid	8015B NM	47344
880-25153-6	S-2 (0-3")	Total/NA	Solid	8015B NM	47344
880-25153-7	S-2 (6")	Total/NA	Solid	8015B NM	47344
880-25153-8	S-2 (1')	Total/NA	Solid	8015B NM	47344
880-25153-9	S-2 (1.5')	Total/NA	Solid	8015B NM	47344
880-25153-10	S-2 (2')	Total/NA	Solid	8015B NM	47344
880-25153-11	S-3 (0-3")	Total/NA	Solid	8015B NM	47344
880-25153-12	S-3 (6")	Total/NA	Solid	8015B NM	47344
880-25153-13	S-3 (1')	Total/NA	Solid	8015B NM	47344
880-25153-14	S-3 (1.5')	Total/NA	Solid	8015B NM	47344
880-25153-15	S-3 (2')	Total/NA	Solid	8015B NM	47344
880-25153-16	H-1	Total/NA	Solid	8015B NM	47344
880-25153-17	H-2	Total/NA	Solid	8015B NM	47344
880-25153-18	H-3	Total/NA	Solid	8015B NM	47344
880-25153-19	H-4	Total/NA	Solid	8015B NM	47344
880-25153-20	H-5	Total/NA	Solid	8015B NM	47344
MB 880-47344/1-A	Method Blank	Total/NA	Solid	8015B NM	47344
LCS 880-47344/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	47344
LCSD 880-47344/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	47344
880-25153-1 MS	S-1 (0-3")	Total/NA	Solid	8015B NM	47344
880-25153-1 MSD	S-1 (0-3")	Total/NA	Solid	8015B NM	47344

Analysis Batch: 47536

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25153-1	S-1 (0-3")	Total/NA	Solid	8015 NM	
880-25153-2	S-1 (6")	Total/NA	Solid	8015 NM	
880-25153-3	S-1 (1')	Total/NA	Solid	8015 NM	
880-25153-4	S-1 (1.5')	Total/NA	Solid	8015 NM	
880-25153-5	S-1 (2')	Total/NA	Solid	8015 NM	
880-25153-6	S-2 (0-3")	Total/NA	Solid	8015 NM	
880-25153-7	S-2 (6")	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-25153-1
SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 47536 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25153-8	S-2 (1')	Total/NA	Solid	8015 NM	
880-25153-9	S-2 (1.5')	Total/NA	Solid	8015 NM	
880-25153-10	S-2 (2')	Total/NA	Solid	8015 NM	
880-25153-11	S-3 (0-3")	Total/NA	Solid	8015 NM	
880-25153-12	S-3 (6")	Total/NA	Solid	8015 NM	
880-25153-13	S-3 (1')	Total/NA	Solid	8015 NM	
880-25153-14	S-3 (1.5')	Total/NA	Solid	8015 NM	
880-25153-15	S-3 (2')	Total/NA	Solid	8015 NM	
880-25153-16	H-1	Total/NA	Solid	8015 NM	
880-25153-17	H-2	Total/NA	Solid	8015 NM	
880-25153-18	H-3	Total/NA	Solid	8015 NM	
880-25153-19	H-4	Total/NA	Solid	8015 NM	
880-25153-20	H-5	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 47517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25153-1	S-1 (0-3")	Soluble	Solid	DI Leach	
880-25153-2	S-1 (6")	Soluble	Solid	DI Leach	
880-25153-3	S-1 (1')	Soluble	Solid	DI Leach	
880-25153-4	S-1 (1.5')	Soluble	Solid	DI Leach	
880-25153-5	S-1 (2')	Soluble	Solid	DI Leach	
880-25153-6	S-2 (0-3")	Soluble	Solid	DI Leach	
880-25153-7	S-2 (6")	Soluble	Solid	DI Leach	
880-25153-8	S-2 (1')	Soluble	Solid	DI Leach	
880-25153-9	S-2 (1.5')	Soluble	Solid	DI Leach	
880-25153-10	S-2 (2')	Soluble	Solid	DI Leach	
880-25153-11	S-3 (0-3")	Soluble	Solid	DI Leach	
880-25153-12	S-3 (6")	Soluble	Solid	DI Leach	
880-25153-13	S-3 (1')	Soluble	Solid	DI Leach	
880-25153-14	S-3 (1.5')	Soluble	Solid	DI Leach	
880-25153-15	S-3 (2')	Soluble	Solid	DI Leach	
880-25153-16	H-1	Soluble	Solid	DI Leach	
880-25153-17	H-2	Soluble	Solid	DI Leach	
880-25153-18	H-3	Soluble	Solid	DI Leach	
880-25153-19	H-4	Soluble	Solid	DI Leach	
880-25153-20	H-5	Soluble	Solid	DI Leach	
MB 880-47517/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-47517/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-47517/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-25153-1 MS	S-1 (0-3")	Soluble	Solid	DI Leach	
880-25153-1 MSD	S-1 (0-3")	Soluble	Solid	DI Leach	
880-25153-11 MS	S-3 (0-3")	Soluble	Solid	DI Leach	
880-25153-11 MSD	S-3 (0-3")	Soluble	Solid	DI Leach	

Analysis Batch: 47594

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25153-1	S-1 (0-3")	Soluble	Solid	300.0	47517
880-25153-2	S-1 (6")	Soluble	Solid	300.0	47517
880-25153-3	S-1 (1')	Soluble	Solid	300.0	47517

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-25153-1
SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 47594 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25153-4	S-1 (1.5')	Soluble	Solid	300.0	47517
880-25153-5	S-1 (2')	Soluble	Solid	300.0	47517
880-25153-6	S-2 (0-3")	Soluble	Solid	300.0	47517
880-25153-7	S-2 (6")	Soluble	Solid	300.0	47517
880-25153-8	S-2 (1')	Soluble	Solid	300.0	47517
880-25153-9	S-2 (1.5')	Soluble	Solid	300.0	47517
880-25153-10	S-2 (2')	Soluble	Solid	300.0	47517
880-25153-11	S-3 (0-3")	Soluble	Solid	300.0	47517
880-25153-12	S-3 (6")	Soluble	Solid	300.0	47517
880-25153-13	S-3 (1')	Soluble	Solid	300.0	47517
880-25153-14	S-3 (1.5')	Soluble	Solid	300.0	47517
880-25153-15	S-3 (2')	Soluble	Solid	300.0	47517
880-25153-16	H-1	Soluble	Solid	300.0	47517
880-25153-17	H-2	Soluble	Solid	300.0	47517
880-25153-18	H-3	Soluble	Solid	300.0	47517
880-25153-19	H-4	Soluble	Solid	300.0	47517
880-25153-20	H-5	Soluble	Solid	300.0	47517
MB 880-47517/1-A	Method Blank	Soluble	Solid	300.0	47517
LCS 880-47517/2-A	Lab Control Sample	Soluble	Solid	300.0	47517
LCSD 880-47517/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	47517
880-25153-1 MS	S-1 (0-3")	Soluble	Solid	300.0	47517
880-25153-1 MSD	S-1 (0-3")	Soluble	Solid	300.0	47517
880-25153-11 MS	S-3 (0-3")	Soluble	Solid	300.0	47517
880-25153-11 MSD	S-3 (0-3")	Soluble	Solid	300.0	47517

Lab Chronicle

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-25153-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-25153-1

Date Collected: 02/23/23 00:00

Matrix: Solid

Date Received: 02/24/23 11:40

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	47632	03/02/23 11:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	47785	03/04/23 11:05	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			47954	03/06/23 14:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			47536	03/01/23 13:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	47344	02/27/23 15:27	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	47383	02/28/23 11:39	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	47517	03/01/23 10:38	KS	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	47594	03/02/23 01:51	CH	EET MID

Client Sample ID: S-1 (6")

Lab Sample ID: 880-25153-2

Date Collected: 02/23/23 00:00

Matrix: Solid

Date Received: 02/24/23 11:40

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	47632	03/02/23 11:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	47785	03/04/23 11:31	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			47954	03/06/23 14:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			47536	03/01/23 13:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	47344	02/27/23 15:27	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	47383	02/28/23 12:42	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	47517	03/01/23 10:38	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	47594	03/02/23 02:05	CH	EET MID

Client Sample ID: S-1 (1')

Lab Sample ID: 880-25153-3

Date Collected: 02/23/23 00:00

Matrix: Solid

Date Received: 02/24/23 11:40

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	47632	03/02/23 11:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	47785	03/04/23 11:58	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			47954	03/06/23 14:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			47536	03/01/23 13:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	47344	02/27/23 15:27	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	47383	02/28/23 13:03	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	47517	03/01/23 10:38	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	47594	03/02/23 02:09	CH	EET MID

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-25153-4

Date Collected: 02/23/23 00:00

Matrix: Solid

Date Received: 02/24/23 11:40

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	47632	03/02/23 11:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	47785	03/04/23 12:25	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			47954	03/06/23 14:55	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-25153-1
SDG: Eddy County, New Mexico

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-25153-4

Date Collected: 02/23/23 00:00

Matrix: Solid

Date Received: 02/24/23 11:40

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			47536	03/01/23 13:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	47344	02/27/23 15:27	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	47383	02/28/23 13:25	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	47517	03/01/23 10:38	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	47594	03/02/23 02:14	CH	EET MID

Client Sample ID: S-1 (2')

Lab Sample ID: 880-25153-5

Date Collected: 02/23/23 00:00

Matrix: Solid

Date Received: 02/24/23 11:40

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	47632	03/02/23 11:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	47785	03/04/23 12:51	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			47954	03/06/23 14:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			47536	03/01/23 13:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	47344	02/27/23 15:27	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	47383	02/28/23 13:46	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	47517	03/01/23 10:38	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	47594	03/02/23 02:19	CH	EET MID

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

Lab Sample ID: 880-25153-6

Date Collected: 02/23/23 00:00

Matrix: Solid

Date Received: 02/24/23 11:40

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	47632	03/02/23 11:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	47785	03/04/23 13:17	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			47954	03/06/23 14:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			47536	03/01/23 13:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	47344	02/27/23 15:27	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	47383	02/28/23 14:07	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	47517	03/01/23 10:38	KS	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	47594	03/02/23 02:33	CH	EET MID

Client Sample ID: S-2 (6")

Lab Sample ID: 880-25153-7

Date Collected: 02/23/23 00:00

Matrix: Solid

Date Received: 02/24/23 11:40

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	47632	03/02/23 11:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	47785	03/04/23 13:44	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			47954	03/06/23 14:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			47536	03/01/23 13:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	47344	02/27/23 15:27	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	47383	02/28/23 14:28	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-25153-1
SDG: Eddy County, New Mexico

Client Sample ID: S-2 (6")

Lab Sample ID: 880-25153-7

Date Collected: 02/23/23 00:00

Matrix: Solid

Date Received: 02/24/23 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	47517	03/01/23 10:38	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	47594	03/02/23 02:38	CH	EET MID

Client Sample ID: S-2 (1')

Lab Sample ID: 880-25153-8

Date Collected: 02/23/23 00:00

Matrix: Solid

Date Received: 02/24/23 11:40

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	47632	03/02/23 11:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	47785	03/04/23 14:10	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			47954	03/06/23 14:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			47536	03/01/23 13:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	47344	02/27/23 15:27	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	47383	02/28/23 14:49	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	47517	03/01/23 10:38	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	47594	03/02/23 02:42	CH	EET MID

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-25153-9

Date Collected: 02/23/23 00:00

Matrix: Solid

Date Received: 02/24/23 11:40

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	47632	03/02/23 11:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	47785	03/04/23 14:36	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			47954	03/06/23 14:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			47536	03/01/23 13:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	47344	02/27/23 15:27	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	47383	02/28/23 15:10	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	47517	03/01/23 10:38	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	47594	03/02/23 02:47	CH	EET MID

Client Sample ID: S-2 (2')

Lab Sample ID: 880-25153-10

Date Collected: 02/23/23 00:00

Matrix: Solid

Date Received: 02/24/23 11:40

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	47632	03/02/23 11:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	47785	03/04/23 15:02	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			47954	03/06/23 14:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			47536	03/01/23 13:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	47344	02/27/23 15:27	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	47383	02/28/23 15:32	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	47517	03/01/23 10:38	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	47594	03/02/23 02:52	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-25153-1
SDG: Eddy County, New Mexico

Client Sample ID: S-3 (0-3")
Date Collected: 02/23/23 00:00
Date Received: 02/24/23 11:40

Lab Sample ID: 880-25153-11
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			4.97 g	5 mL	47632	03/02/23 11:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	47785	03/04/23 16:45	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			47954	03/06/23 14:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			47536	03/01/23 13:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	47344	02/27/23 15:27	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	47383	02/28/23 16:18	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	47517	03/01/23 10:38	KS	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	47594	03/02/23 02:56	CH	EET MID

Client Sample ID: S-3 (6")
Date Collected: 02/23/23 00:00
Date Received: 02/24/23 11:40

Lab Sample ID: 880-25153-12
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	47632	03/02/23 11:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	47785	03/04/23 17:11	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			47954	03/06/23 14:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			47536	03/01/23 13:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	47344	02/27/23 15:27	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	47383	02/28/23 16:40	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	47517	03/01/23 10:38	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	47594	03/02/23 03:10	CH	EET MID

Client Sample ID: S-3 (1')
Date Collected: 02/23/23 00:00
Date Received: 02/24/23 11:40

Lab Sample ID: 880-25153-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	47632	03/02/23 11:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	47785	03/04/23 17:36	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			47954	03/06/23 14:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			47536	03/01/23 13:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	47344	02/27/23 15:27	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	47383	02/28/23 17:01	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	47517	03/01/23 10:38	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	47594	03/02/23 03:15	CH	EET MID

Client Sample ID: S-3 (1.5')
Date Collected: 02/23/23 00:00
Date Received: 02/24/23 11:40

Lab Sample ID: 880-25153-14
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			5.03 g	5 mL	47632	03/02/23 11:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	47785	03/04/23 18:02	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			47954	03/06/23 14:55	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-25153-1
SDG: Eddy County, New Mexico

Client Sample ID: S-3 (1.5')

Date Collected: 02/23/23 00:00

Date Received: 02/24/23 11:40

Lab Sample ID: 880-25153-14

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			47536	03/01/23 13:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	47344	02/27/23 15:27	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	47383	02/28/23 17:23	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	47517	03/01/23 10:38	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	47594	03/02/23 03:29	CH	EET MID

Client Sample ID: S-3 (2')

Date Collected: 02/23/23 00:00

Date Received: 02/24/23 11:40

Lab Sample ID: 880-25153-15

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			5.01 g	5 mL	47632	03/02/23 11:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	47785	03/04/23 18:28	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			47954	03/06/23 14:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			47536	03/01/23 13:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	47344	02/27/23 15:27	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	47383	02/28/23 17:44	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	47517	03/01/23 10:38	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	47594	03/02/23 03:33	CH	EET MID

Client Sample ID: H-1

Date Collected: 02/23/23 00:00

Date Received: 02/24/23 11:40

Lab Sample ID: 880-25153-16

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			4.99 g	5 mL	47632	03/02/23 11:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	47785	03/04/23 18:54	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			47954	03/06/23 14:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			47536	03/01/23 13:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	47344	02/27/23 15:27	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	47383	02/28/23 18:05	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	47517	03/01/23 10:38	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	47594	03/02/23 03:38	CH	EET MID

Client Sample ID: H-2

Date Collected: 02/23/23 00:00

Date Received: 02/24/23 11:40

Lab Sample ID: 880-25153-17

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			5.05 g	5 mL	47632	03/02/23 11:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	47785	03/04/23 19:19	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			47954	03/06/23 14:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			47536	03/01/23 13:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	47344	02/27/23 15:27	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	47383	02/28/23 18:26	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-25153-1
SDG: Eddy County, New Mexico

Client Sample ID: H-2

Date Collected: 02/23/23 00:00

Date Received: 02/24/23 11:40

Lab Sample ID: 880-25153-17

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			5.03 g	50 mL	47517	03/01/23 10:38	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	47594	03/02/23 03:43	CH	EET MID

Client Sample ID: H-3

Date Collected: 02/23/23 00:00

Date Received: 02/24/23 11:40

Lab Sample ID: 880-25153-18

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			5.03 g	5 mL	47632	03/02/23 11:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	47785	03/04/23 19:45	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			47954	03/06/23 14:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			47536	03/01/23 13:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	47344	02/27/23 15:27	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	47383	02/28/23 18:47	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	47517	03/01/23 10:38	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	47594	03/02/23 03:47	CH	EET MID

Client Sample ID: H-4

Date Collected: 02/23/23 00:00

Date Received: 02/24/23 11:40

Lab Sample ID: 880-25153-19

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			5.02 g	5 mL	47632	03/02/23 11:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	47785	03/04/23 20:10	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			47954	03/06/23 14:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			47536	03/01/23 13:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	47344	02/27/23 15:27	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	47383	02/28/23 19:08	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	47517	03/01/23 10:38	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	47594	03/02/23 03:52	CH	EET MID

Client Sample ID: H-5

Date Collected: 02/23/23 00:00

Date Received: 02/24/23 11:40

Lab Sample ID: 880-25153-20

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			5.01 g	5 mL	47632	03/02/23 11:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	47785	03/04/23 20:36	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			47954	03/06/23 14:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			47536	03/01/23 13:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	47344	02/27/23 15:27	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	47383	02/28/23 19:30	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	47517	03/01/23 10:38	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	47594	03/02/23 03:57	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-25153-1
SDG: Eddy County, New Mexico

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

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Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-25153-1
SDG: Eddy County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	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: Myox 20 State 5H (02.03.23)

Job ID: 880-25153-1
SDG: Eddy 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	EPA	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

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Eurofins Midland

Sample Summary

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-25153-1
SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-25153-1	S-1 (0-3")	Solid	02/23/23 00:00	02/24/23 11:40
880-25153-2	S-1 (6")	Solid	02/23/23 00:00	02/24/23 11:40
880-25153-3	S-1 (1')	Solid	02/23/23 00:00	02/24/23 11:40
880-25153-4	S-1 (1.5')	Solid	02/23/23 00:00	02/24/23 11:40
880-25153-5	S-1 (2')	Solid	02/23/23 00:00	02/24/23 11:40
880-25153-6	S-2 (0-3")	Solid	02/23/23 00:00	02/24/23 11:40
880-25153-7	S-2 (6")	Solid	02/23/23 00:00	02/24/23 11:40
880-25153-8	S-2 (1')	Solid	02/23/23 00:00	02/24/23 11:40
880-25153-9	S-2 (1.5')	Solid	02/23/23 00:00	02/24/23 11:40
880-25153-10	S-2 (2')	Solid	02/23/23 00:00	02/24/23 11:40
880-25153-11	S-3 (0-3")	Solid	02/23/23 00:00	02/24/23 11:40
880-25153-12	S-3 (6")	Solid	02/23/23 00:00	02/24/23 11:40
880-25153-13	S-3 (1')	Solid	02/23/23 00:00	02/24/23 11:40
880-25153-14	S-3 (1.5')	Solid	02/23/23 00:00	02/24/23 11:40
880-25153-15	S-3 (2')	Solid	02/23/23 00:00	02/24/23 11:40
880-25153-16	H-1	Solid	02/23/23 00:00	02/24/23 11:40
880-25153-17	H-2	Solid	02/23/23 00:00	02/24/23 11:40
880-25153-18	H-3	Solid	02/23/23 00:00	02/24/23 11:40
880-25153-19	H-4	Solid	02/23/23 00:00	02/24/23 11:40
880-25153-20	H-5	Solid	02/23/23 00:00	02/24/23 11:40

Project Manager		Conner Moehring		Bill to (if different)		Jacqui Harris	
Company Name		Carmona Resources		Company Name		COG	
Address		310 W Wall St Ste 415		Address		15 W London Rd	
City, State ZIP		Midland, TX 79701		City, State ZIP		Lovings, NM 88258	
Phone		432-813-6823		Email		jacqui.harris@conocophillips.com	

Project Name		Myox 20 State 5H (1 13 23)		Turn Around		ANALYSIS REQUEST	
Project Number		1236		☒ Routine ☐ Rush			
Project Location		Eddy County, New Mexico		Due Date			
Sampler's Name		GPJ		Standard			
PO #							
SAMPLE RECEIPT		Temp Blank		Yes No			
Received intact:		Yes No		Thermometer ID			
Cooler Custody Seals:		Yes No		Correction Factor			
Sample Custody Seals		Yes No		Temperature Reading			
Total Containers:				Corrected Temperature			

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters
S-1 (0-3")	2/23/2023		X		G	1	X X X X
S-1 (6")	2/23/2023		X		G	1	X X X X
S-1 (1')	2/23/2023		X		G	1	X X X X
S-1 (1' 5')	2/23/2023		X		G	1	X X X X
S-1 (2')	2/23/2023		X		G	1	X X X X
S-2 (0-3")	2/23/2023		X		G	1	X X X X
S-2 (6")	2/23/2023		X		G	1	X X X X
S-2 (1')	2/23/2023		X		G	1	X X X X
S-2 (1' 5')	2/23/2023		X		G	1	X X X X
S-2 (2')	2/23/2023		X		G	1	X X X X

Comments Email to Mike Carmona / Mcarmona@carmonarresources.com and Conner Moehring / Cmoehring@carmonarresources.com	
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Relinquished by (Signature)		Date/Time	
		2/24/23 1440	

Received by (Signature)		Date/Time	
		2/24/23 1440	

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RC ☐ Inertfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐	
Deliverables EDD ☐ ADAPT ☐ Other	

Preservative Codes	
None NO	DI Water H2O
Cool Cool	MeOH Me
HCL HC	HNO3 HN
H2SO4 H2	NaOH Na
H3PO4 HP	
NaHSO4 NABIS	
Na2S2O3 NaSO3	
Zn Acetate+NaOH Zn	
NaOH+Ascorbic Acid SAPC	

Sample Comments	
UO2	



880-25153 Chain of Custody

Work Order No: 25153

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3/6/2023

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Work Order No: 25153

3/6/2023

Project Manager	Conner Moehring	Bill to: (if different)	Jacqui Harris
Company Name	Carmona Resources	Company Name	COG
Address	310 W Wall St Ste 415	Address	15 W London Rd
City, State ZIP	Midland, TX 79701	City, State ZIP	Loving, NM 88258
Phone	432-813-6823	Email	jacqui.harris@conocophillips.com

Work Order Comments	
Program: UST/PRP	☐ PRP ☐ Brownfields ☐ RC ☐ Superfund
State of Project:	
Reporting Level II	☐ Level III ☐ ST/UST ☐ PRP ☐ Level IV ☐
Deliverables	EDD ☐ ADAPT ☐ Other

Project Name		Myox 20 State 5H (1 13 23)		Turn Around		Pres. Code		ANALYSIS REQUEST												Preservative Codes	
Project Number	1236	☒ Routine	☐ Rush	Due Date	Standard															None NO	DI Water H ₂ O
Project Location	Eddy County, New Mexico																			Cool Cool	MeOH Me
Sampler's Name	GPJ																			HCL HC	HNO ₃ HN
PO #																				H ₂ SO ₄ H ₂	NaOH Na
SAMPLE RECEIPT	Temp Blank	Yes	No	Well Ice	Yes	No														H ₃ PO ₄ HP	
	Received Intact	Yes	No	Thermometer ID																NaHSO ₄ NABIS	
	Cooler Custody Seals	Yes	No	Correction Factor																Na ₂ S ₂ O ₃ NaSO ₃	
	Sample Custody Seals	Yes	No	Temperature Reading																Zn Acetate+NaOH Zn	
	Total Containers			Corrected Temperature																NaOH+Ascorbic Acid SACP	
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
S-3 (0-3')		2/23/2023		X		G	1	X	X	X											
S-3 (6")		2/23/2023		X		G	1	X	X	X											
S-3 (1')		2/23/2023		X		G	1	X	X	X											
S-3 (1.5')		2/23/2023		X		G	1	X	X	X											
S-3 (2')		2/23/2023		X		G	1	X	X	X											
H-1		2/23/2023		X		G	1	X	X	X											
H-2		2/23/2023		X		G	1	X	X	X											
H-3		2/23/2023		X		G	1	X	X	X											
H-4		2/23/2023		X		G	1	X	X	X											
H-5		2/23/2023		X		G	1	X	X	X											

Comments Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	2/24/23 1140		

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-25153-1

SDG Number: Eddy County, New Mexico

Login Number: 25153

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	



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mike Carmona
Carmona Resources
310 W Wall St
Ste 415
Midland, Texas 79701
Generated 4/3/2023 4:08:44 PM

JOB DESCRIPTION

Myox 20 State 5H (02.03.23)
SDG NUMBER Eddy County, New Mexico

JOB NUMBER

880-26533-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

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

Generated
4/3/2023 4:08:44 PM

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

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Laboratory Job ID: 880-26533-1
SDG: Eddy County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1-	Surrogate recovery exceeds control limits, low 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.
F2	MS/MSD RPD exceeds control limits
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

Job ID: 880-26533-1**Laboratory: Eurofins Midland****Narrative****Job Narrative
880-26533-1****Receipt**

The samples were received on 3/29/2023 2:19 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 -6.8°C

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: (MB 880-49835/5-A). 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: (MB 880-49864/5-A). Evidence of matrix interferences is not obvious.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-49868 and analytical batch 880-49998 was outside the control 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 surrogate recovery for the blank associated with preparation batch 880-49948 and analytical batch 880-49914 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-49948/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SW-5 (2') (880-26533-22) and (880-26533-A-22-F MS). 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-6 (2') (880-26533-23). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-49948 and analytical batch 880-49914 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10 and Diesel Range Organics (Over C10-C28).

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-49894 and analytical batch 880-49910 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-49894/2-A) and (LCSD 880-49894/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-49895 and analytical batch 880-49908 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-49895/2-A) and (LCSD 880-49895/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-49895 and analytical batch 880-49908 was outside control limits. Sample non-homogeneity is suspected.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-49895 and analytical batch

Case Narrative

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

Job ID: 880-26533-1 (Continued)**Laboratory: Eurofins Midland (Continued)**

880-49908 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

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-49887 and analytical batch 880-49901 were outside control limits for one or more analytes, see QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits. CS-17 (2.5') (880-26533-17), SW-1 (1') (880-26533-18), SW-2 (1') (880-26533-19), SW-3 (1') (880-26533-20), SW-4 (2') (880-26533-21), SW-5 (2') (880-26533-22), SW-6 (2') (880-26533-23), SW-7 (2') (880-26533-24), SW-8 (2') (880-26533-25), SW-9 (2.5') (880-26533-26), (880-26533-A-17-C MS) and (880-26533-A-17-D MSD)

Method 300_ORGFM_28D: The matrix spike duplicate (MSD) recoveries for preparation batch 880-49887 and analytical batch 880-49901 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits. SW-10 (2.5') (880-26533-27), SW-11 (2.5') (880-26533-28), SW-12 (2.5') (880-26533-29) and (880-26533-A-27-D MSD)

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-49866 and analytical batch 880-49867 were outside control limits for one or more analytes, see QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits. CS-10 (2') (880-26533-10), CS-11 (2') (880-26533-11), CS-12 (2') (880-26533-12), CS-13 (2') (880-26533-13), CS-14 (2.5') (880-26533-14), CS-15 (2.5') (880-26533-15), CS-16 (2.5') (880-26533-16), (880-26533-A-10-C MS) and (880-26533-A-10-D MSD)

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: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-1 (1')

Lab Sample ID: 880-26533-1

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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		03/29/23 15:09	03/31/23 07:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/29/23 15:09	03/31/23 07:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/29/23 15:09	03/31/23 07:39	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/29/23 15:09	03/31/23 07:39	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/29/23 15:09	03/31/23 07:39	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/29/23 15:09	03/31/23 07:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	03/29/23 15:09	03/31/23 07:39	1
1,4-Difluorobenzene (Surr)	88		70 - 130	03/29/23 15:09	03/31/23 07:39	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			03/31/23 12:48	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			03/31/23 10:55	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		03/29/23 16:49	03/31/23 07:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/29/23 16:49	03/31/23 07:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/29/23 16:49	03/31/23 07:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	03/29/23 16:49	03/31/23 07:49	1
o-Terphenyl	85		70 - 130	03/29/23 16:49	03/31/23 07:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	109		5.00		mg/Kg			03/29/23 16:40	1

Client Sample ID: CS-2 (1')

Lab Sample ID: 880-26533-2

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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		03/29/23 15:09	03/31/23 08:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/29/23 15:09	03/31/23 08:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/29/23 15:09	03/31/23 08:06	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/29/23 15:09	03/31/23 08:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/29/23 15:09	03/31/23 08:06	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/29/23 15:09	03/31/23 08:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	03/29/23 15:09	03/31/23 08:06	1
1,4-Difluorobenzene (Surr)	99		70 - 130	03/29/23 15:09	03/31/23 08:06	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-2 (1')

Lab Sample ID: 880-26533-2

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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			03/31/23 12:48	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			03/31/23 11:54	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 *1 F2	49.9		mg/Kg		03/29/23 16:54	03/30/23 23:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		03/29/23 16:54	03/30/23 23:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/29/23 16:54	03/30/23 23:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				03/29/23 16:54	03/30/23 23:44	1
o-Terphenyl	115		70 - 130				03/29/23 16:54	03/30/23 23:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	106		4.98		mg/Kg			03/29/23 16:45	1

Client Sample ID: CS-3 (1')

Lab Sample ID: 880-26533-3

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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		03/29/23 15:09	03/31/23 08:55	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/29/23 15:09	03/31/23 08:55	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/29/23 15:09	03/31/23 08:55	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/29/23 15:09	03/31/23 08:55	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/29/23 15:09	03/31/23 08:55	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/29/23 15:09	03/31/23 08:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				03/29/23 15:09	03/31/23 08:55	1
1,4-Difluorobenzene (Surr)	95		70 - 130				03/29/23 15:09	03/31/23 08:55	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			03/31/23 12:48	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			03/31/23 11:54	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 *1	49.9		mg/Kg		03/29/23 16:54	03/31/23 00:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		03/29/23 16:54	03/31/23 00:50	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-3 (1')

Lab Sample ID: 880-26533-3

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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		03/29/23 16:54	03/31/23 00:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				03/29/23 16:54	03/31/23 00:50	1
o-Terphenyl	116		70 - 130				03/29/23 16:54	03/31/23 00:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	119		5.03		mg/Kg			03/29/23 16:50	1

Client Sample ID: CS-4 (2')

Lab Sample ID: 880-26533-4

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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		03/29/23 15:09	03/31/23 09:21	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/29/23 15:09	03/31/23 09:21	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/29/23 15:09	03/31/23 09:21	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		03/29/23 15:09	03/31/23 09:21	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/29/23 15:09	03/31/23 09:21	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/29/23 15:09	03/31/23 09:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				03/29/23 15:09	03/31/23 09:21	1
1,4-Difluorobenzene (Surr)	92		70 - 130				03/29/23 15:09	03/31/23 09:21	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			03/31/23 12:48	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			03/31/23 11:54	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 *1	50.0		mg/Kg		03/29/23 16:54	03/31/23 01:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0		mg/Kg		03/29/23 16:54	03/31/23 01:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/29/23 16:54	03/31/23 01:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				03/29/23 16:54	03/31/23 01:12	1
o-Terphenyl	105		70 - 130				03/29/23 16:54	03/31/23 01:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	82.8		5.04		mg/Kg			03/29/23 16:55	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-5 (2')

Lab Sample ID: 880-26533-5

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/29/23 15:09	03/31/23 09:48	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/29/23 15:09	03/31/23 09:48	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/29/23 15:09	03/31/23 09:48	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/29/23 15:09	03/31/23 09:48	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/29/23 15:09	03/31/23 09:48	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/29/23 15:09	03/31/23 09:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	03/29/23 15:09	03/31/23 09:48	1
1,4-Difluorobenzene (Surr)	90		70 - 130	03/29/23 15:09	03/31/23 09:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			03/31/23 12:48	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			03/31/23 11:54	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 *1	50.0		mg/Kg		03/29/23 16:54	03/31/23 01:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		03/29/23 16:54	03/31/23 01:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/29/23 16:54	03/31/23 01:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130	03/29/23 16:54	03/31/23 01:34	1
o-Terphenyl	121		70 - 130	03/29/23 16:54	03/31/23 01:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	80.4		5.00		mg/Kg			03/29/23 17:09	1

Client Sample ID: CS-6 (2')

Lab Sample ID: 880-26533-6

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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		03/29/23 15:09	03/31/23 10:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/29/23 15:09	03/31/23 10:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/29/23 15:09	03/31/23 10:15	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/29/23 15:09	03/31/23 10:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/29/23 15:09	03/31/23 10:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/29/23 15:09	03/31/23 10:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	03/29/23 15:09	03/31/23 10:15	1
1,4-Difluorobenzene (Surr)	93		70 - 130	03/29/23 15:09	03/31/23 10:15	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-6 (2')

Lab Sample ID: 880-26533-6

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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			03/31/23 12:48	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			03/31/23 11:54	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 *1	49.9		mg/Kg		03/29/23 16:54	03/31/23 01:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		03/29/23 16:54	03/31/23 01:56	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/29/23 16:54	03/31/23 01:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				03/29/23 16:54	03/31/23 01:56	1
o-Terphenyl	103		70 - 130				03/29/23 16:54	03/31/23 01:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	99.2		4.97		mg/Kg			03/29/23 17:14	1

Client Sample ID: CS-7 (2')

Lab Sample ID: 880-26533-7

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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		03/29/23 15:09	03/31/23 10:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/29/23 15:09	03/31/23 10:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/29/23 15:09	03/31/23 10:41	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/29/23 15:09	03/31/23 10:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/29/23 15:09	03/31/23 10:41	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/29/23 15:09	03/31/23 10:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				03/29/23 15:09	03/31/23 10:41	1
1,4-Difluorobenzene (Surr)	92		70 - 130				03/29/23 15:09	03/31/23 10:41	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			03/31/23 12:48	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			03/31/23 11:54	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 *1	49.9		mg/Kg		03/29/23 16:54	03/31/23 02:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		03/29/23 16:54	03/31/23 02:18	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-7 (2')

Lab Sample ID: 880-26533-7

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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		03/29/23 16:54	03/31/23 02:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				03/29/23 16:54	03/31/23 02:18	1
o-Terphenyl	99		70 - 130				03/29/23 16:54	03/31/23 02:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	95.0		4.98		mg/Kg			03/29/23 17:19	1

Client Sample ID: CS-8 (2')

Lab Sample ID: 880-26533-8

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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		03/29/23 15:09	03/31/23 11:08	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/29/23 15:09	03/31/23 11:08	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/29/23 15:09	03/31/23 11:08	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/29/23 15:09	03/31/23 11:08	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/29/23 15:09	03/31/23 11:08	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/29/23 15:09	03/31/23 11:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				03/29/23 15:09	03/31/23 11:08	1
1,4-Difluorobenzene (Surr)	96		70 - 130				03/29/23 15:09	03/31/23 11:08	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			03/31/23 12:48	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			03/31/23 11:54	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 *1	50.0		mg/Kg		03/29/23 16:54	03/31/23 02:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0		mg/Kg		03/29/23 16:54	03/31/23 02:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/29/23 16:54	03/31/23 02:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				03/29/23 16:54	03/31/23 02:40	1
o-Terphenyl	109		70 - 130				03/29/23 16:54	03/31/23 02:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	82.4		5.01		mg/Kg			03/29/23 17:24	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-9 (2')

Lab Sample ID: 880-26533-9

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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		03/29/23 15:09	03/31/23 11:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/29/23 15:09	03/31/23 11:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/29/23 15:09	03/31/23 11:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/29/23 15:09	03/31/23 11:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/29/23 15:09	03/31/23 11:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/29/23 15:09	03/31/23 11:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	03/29/23 15:09	03/31/23 11:34	1
1,4-Difluorobenzene (Surr)	87		70 - 130	03/29/23 15:09	03/31/23 11:34	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			03/31/23 12:48	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			03/31/23 11:54	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 *1	49.9		mg/Kg		03/29/23 16:54	03/31/23 03:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+	49.9		mg/Kg		03/29/23 16:54	03/31/23 03:02	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/29/23 16:54	03/31/23 03:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130	03/29/23 16:54	03/31/23 03:02	1
o-Terphenyl	99		70 - 130	03/29/23 16:54	03/31/23 03:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	110		4.99		mg/Kg			03/29/23 17:28	1

Client Sample ID: CS-10 (2')

Lab Sample ID: 880-26533-10

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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		03/29/23 15:09	03/31/23 12:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/29/23 15:09	03/31/23 12:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/29/23 15:09	03/31/23 12:01	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/29/23 15:09	03/31/23 12:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/29/23 15:09	03/31/23 12:01	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/29/23 15:09	03/31/23 12:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	03/29/23 15:09	03/31/23 12:01	1
1,4-Difluorobenzene (Surr)	91		70 - 130	03/29/23 15:09	03/31/23 12:01	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-10 (2')

Lab Sample ID: 880-26533-10

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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			03/31/23 12:48	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			03/31/23 11:54	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 *1	49.9		mg/Kg		03/29/23 16:54	03/31/23 03:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		03/29/23 16:54	03/31/23 03:24	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/29/23 16:54	03/31/23 03:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				03/29/23 16:54	03/31/23 03:24	1
o-Terphenyl	110		70 - 130				03/29/23 16:54	03/31/23 03:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	79.6	F1	5.03		mg/Kg			03/29/23 17:33	1

Client Sample ID: CS-11 (2')

Lab Sample ID: 880-26533-11

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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		03/29/23 15:09	03/31/23 13:47	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/29/23 15:09	03/31/23 13:47	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/29/23 15:09	03/31/23 13:47	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/29/23 15:09	03/31/23 13:47	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/29/23 15:09	03/31/23 13:47	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/29/23 15:09	03/31/23 13:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				03/29/23 15:09	03/31/23 13:47	1
1,4-Difluorobenzene (Surr)	90		70 - 130				03/29/23 15:09	03/31/23 13:47	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			04/03/23 16:57	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			03/31/23 11:54	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 *1	50.0		mg/Kg		03/29/23 16:54	03/31/23 03:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0		mg/Kg		03/29/23 16:54	03/31/23 03:46	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-11 (2')

Lab Sample ID: 880-26533-11

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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		03/29/23 16:54	03/31/23 03:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				03/29/23 16:54	03/31/23 03:46	1
o-Terphenyl	111		70 - 130				03/29/23 16:54	03/31/23 03:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	79.5		5.05		mg/Kg			03/29/23 17:48	1

Client Sample ID: CS-12 (2')

Lab Sample ID: 880-26533-12

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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		03/29/23 15:09	03/31/23 14:13	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/29/23 15:09	03/31/23 14:13	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/29/23 15:09	03/31/23 14:13	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		03/29/23 15:09	03/31/23 14:13	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/29/23 15:09	03/31/23 14:13	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/29/23 15:09	03/31/23 14:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				03/29/23 15:09	03/31/23 14:13	1
1,4-Difluorobenzene (Surr)	92		70 - 130				03/29/23 15:09	03/31/23 14:13	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			04/03/23 16:57	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			03/31/23 11:54	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 *1	50.0		mg/Kg		03/29/23 16:54	03/31/23 04:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0		mg/Kg		03/29/23 16:54	03/31/23 04:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/29/23 16:54	03/31/23 04:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				03/29/23 16:54	03/31/23 04:30	1
o-Terphenyl	119		70 - 130				03/29/23 16:54	03/31/23 04:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	137		5.02		mg/Kg			03/29/23 17:52	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-13 (2')

Lab Sample ID: 880-26533-13

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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		03/29/23 15:09	03/31/23 14:40	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/29/23 15:09	03/31/23 14:40	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/29/23 15:09	03/31/23 14:40	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/29/23 15:09	03/31/23 14:40	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/29/23 15:09	03/31/23 14:40	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/29/23 15:09	03/31/23 14:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	03/29/23 15:09	03/31/23 14:40	1
1,4-Difluorobenzene (Surr)	91		70 - 130	03/29/23 15:09	03/31/23 14:40	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			04/03/23 16:57	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			03/31/23 11:54	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 *1	50.0		mg/Kg		03/29/23 16:54	03/31/23 04:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		03/29/23 16:54	03/31/23 04:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/29/23 16:54	03/31/23 04:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130	03/29/23 16:54	03/31/23 04:52	1
o-Terphenyl	102		70 - 130	03/29/23 16:54	03/31/23 04:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.4		4.98		mg/Kg			03/29/23 18:07	1

Client Sample ID: CS-14 (2.5')

Lab Sample ID: 880-26533-14

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/29/23 15:09	03/31/23 15:06	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/29/23 15:09	03/31/23 15:06	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/29/23 15:09	03/31/23 15:06	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/29/23 15:09	03/31/23 15:06	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/29/23 15:09	03/31/23 15:06	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/29/23 15:09	03/31/23 15:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	03/29/23 15:09	03/31/23 15:06	1
1,4-Difluorobenzene (Surr)	87		70 - 130	03/29/23 15:09	03/31/23 15:06	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-14 (2.5')

Lab Sample ID: 880-26533-14

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/03/23 16:57	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			03/31/23 11:54	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 *1	49.9		mg/Kg		03/29/23 16:54	03/31/23 05:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		03/29/23 16:54	03/31/23 05:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/29/23 16:54	03/31/23 05:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				03/29/23 16:54	03/31/23 05:15	1
o-Terphenyl	95		70 - 130				03/29/23 16:54	03/31/23 05:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	74.8		4.97		mg/Kg			03/29/23 18:12	1

Client Sample ID: CS-15 (2.5')

Lab Sample ID: 880-26533-15

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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		03/29/23 15:09	03/31/23 15:32	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/29/23 15:09	03/31/23 15:32	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/29/23 15:09	03/31/23 15:32	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/29/23 15:09	03/31/23 15:32	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/29/23 15:09	03/31/23 15:32	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/29/23 15:09	03/31/23 15:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				03/29/23 15:09	03/31/23 15:32	1
1,4-Difluorobenzene (Surr)	96		70 - 130				03/29/23 15:09	03/31/23 15:32	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			04/03/23 16:57	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			03/31/23 11:54	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 *1	49.9		mg/Kg		03/29/23 16:54	03/31/23 05:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		03/29/23 16:54	03/31/23 05:37	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-15 (2.5')

Lab Sample ID: 880-26533-15

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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		03/29/23 16:54	03/31/23 05:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				03/29/23 16:54	03/31/23 05:37	1
o-Terphenyl	97		70 - 130				03/29/23 16:54	03/31/23 05:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	78.2		4.99		mg/Kg			03/29/23 18:17	1

Client Sample ID: CS-16 (2.5')

Lab Sample ID: 880-26533-16

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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		03/29/23 15:09	03/31/23 15:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/29/23 15:09	03/31/23 15:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/29/23 15:09	03/31/23 15:59	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/29/23 15:09	03/31/23 15:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/29/23 15:09	03/31/23 15:59	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/29/23 15:09	03/31/23 15:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				03/29/23 15:09	03/31/23 15:59	1
1,4-Difluorobenzene (Surr)	96		70 - 130				03/29/23 15:09	03/31/23 15:59	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			04/03/23 16:57	1

Method: SW846 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			03/31/23 11:54	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	<49.8	U *1	49.8		mg/Kg		03/29/23 16:54	03/31/23 05:59	1
Diesel Range Organics (Over C10-C28)	<49.8	U **	49.8		mg/Kg		03/29/23 16:54	03/31/23 05:59	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/29/23 16:54	03/31/23 05:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				03/29/23 16:54	03/31/23 05:59	1
o-Terphenyl	120		70 - 130				03/29/23 16:54	03/31/23 05:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	73.1		5.00		mg/Kg			03/29/23 18:21	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-17 (2.5')

Lab Sample ID: 880-26533-17

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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		03/29/23 15:09	03/31/23 16:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/29/23 15:09	03/31/23 16:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/29/23 15:09	03/31/23 16:25	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/29/23 15:09	03/31/23 16:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/29/23 15:09	03/31/23 16:25	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/29/23 15:09	03/31/23 16:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	03/29/23 15:09	03/31/23 16:25	1
1,4-Difluorobenzene (Surr)	95		70 - 130	03/29/23 15:09	03/31/23 16:25	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			04/03/23 16:57	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			03/31/23 11:54	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 *1	50.0		mg/Kg		03/29/23 16:54	03/31/23 06:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		03/29/23 16:54	03/31/23 06:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/29/23 16:54	03/31/23 06:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	03/29/23 16:54	03/31/23 06:21	1
o-Terphenyl	96		70 - 130	03/29/23 16:54	03/31/23 06:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	85.6	F1	4.99		mg/Kg			03/29/23 18:53	1

Client Sample ID: SW-1 (1')

Lab Sample ID: 880-26533-18

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/29/23 15:09	03/31/23 16:52	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/29/23 15:09	03/31/23 16:52	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/29/23 15:09	03/31/23 16:52	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/29/23 15:09	03/31/23 16:52	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/29/23 15:09	03/31/23 16:52	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/29/23 15:09	03/31/23 16:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	03/29/23 15:09	03/31/23 16:52	1
1,4-Difluorobenzene (Surr)	88		70 - 130	03/29/23 15:09	03/31/23 16:52	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-1 (1')

Lab Sample ID: 880-26533-18

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/03/23 16:57	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			03/31/23 11:54	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 *1	49.9		mg/Kg		03/29/23 16:54	03/31/23 06:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		03/29/23 16:54	03/31/23 06:42	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/29/23 16:54	03/31/23 06:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				03/29/23 16:54	03/31/23 06:42	1
o-Terphenyl	109		70 - 130				03/29/23 16:54	03/31/23 06:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	105		5.03		mg/Kg			03/29/23 19:07	1

Client Sample ID: SW-2 (1')

Lab Sample ID: 880-26533-19

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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		03/29/23 15:09	03/31/23 17:19	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/29/23 15:09	03/31/23 17:19	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/29/23 15:09	03/31/23 17:19	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/29/23 15:09	03/31/23 17:19	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/29/23 15:09	03/31/23 17:19	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/29/23 15:09	03/31/23 17:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				03/29/23 15:09	03/31/23 17:19	1
1,4-Difluorobenzene (Surr)	99		70 - 130				03/29/23 15:09	03/31/23 17:19	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			04/03/23 16:57	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			03/31/23 11:54	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 *1	49.9		mg/Kg		03/29/23 16:54	03/31/23 07:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		03/29/23 16:54	03/31/23 07:05	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-2 (1')

Lab Sample ID: 880-26533-19

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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		03/29/23 16:54	03/31/23 07:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130				03/29/23 16:54	03/31/23 07:05	1
o-Terphenyl	78		70 - 130				03/29/23 16:54	03/31/23 07:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	131		5.01		mg/Kg			03/29/23 19:11	1

Client Sample ID: SW-3 (1')

Lab Sample ID: 880-26533-20

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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		03/29/23 15:09	03/31/23 17:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/29/23 15:09	03/31/23 17:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/29/23 15:09	03/31/23 17:45	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/29/23 15:09	03/31/23 17:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/29/23 15:09	03/31/23 17:45	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/29/23 15:09	03/31/23 17:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				03/29/23 15:09	03/31/23 17:45	1
1,4-Difluorobenzene (Surr)	93		70 - 130				03/29/23 15:09	03/31/23 17:45	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			04/03/23 16:57	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			03/31/23 11:54	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 *1	49.9		mg/Kg		03/29/23 16:54	03/31/23 07:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		03/29/23 16:54	03/31/23 07:27	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/29/23 16:54	03/31/23 07:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				03/29/23 16:54	03/31/23 07:27	1
o-Terphenyl	88		70 - 130				03/29/23 16:54	03/31/23 07:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	123		5.00		mg/Kg			03/29/23 19:16	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-4 (2')

Lab Sample ID: 880-26533-21

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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		03/29/23 15:17	04/03/23 03:43	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/29/23 15:17	04/03/23 03:43	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/29/23 15:17	04/03/23 03:43	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/29/23 15:17	04/03/23 03:43	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/29/23 15:17	04/03/23 03:43	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/29/23 15:17	04/03/23 03:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	03/29/23 15:17	04/03/23 03:43	1
1,4-Difluorobenzene (Surr)	91		70 - 130	03/29/23 15:17	04/03/23 03:43	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			04/03/23 15:56	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			03/31/23 11:54	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 *1	50.0		mg/Kg		03/29/23 16:54	03/31/23 07:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		03/29/23 16:54	03/31/23 07:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/29/23 16:54	03/31/23 07:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	03/29/23 16:54	03/31/23 07:49	1
o-Terphenyl	99		70 - 130	03/29/23 16:54	03/31/23 07:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	101		5.00		mg/Kg			03/29/23 19:20	1

Client Sample ID: SW-5 (2')

Lab Sample ID: 880-26533-22

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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		03/29/23 15:38	04/01/23 16:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/29/23 15:38	04/01/23 16:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/29/23 15:38	04/01/23 16:08	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		03/29/23 15:38	04/01/23 16:08	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/29/23 15:38	04/01/23 16:08	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		03/29/23 15:38	04/01/23 16:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	03/29/23 15:38	04/01/23 16:08	1
1,4-Difluorobenzene (Surr)	87		70 - 130	03/29/23 15:38	04/01/23 16:08	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-5 (2')

Lab Sample ID: 880-26533-22

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/03/23 16:27	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			03/31/23 09:27	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 *1	49.9		mg/Kg		03/30/23 13:05	03/30/23 21:08	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		03/30/23 13:05	03/30/23 21:08	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/30/23 13:05	03/30/23 21:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	127		70 - 130				03/30/23 13:05	03/30/23 21:08	1
o-Terphenyl	136	S1+	70 - 130				03/30/23 13:05	03/30/23 21:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	151		4.97		mg/Kg			03/29/23 19:34	1

Client Sample ID: SW-6 (2')

Lab Sample ID: 880-26533-23

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/29/23 15:38	04/01/23 16:34	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/29/23 15:38	04/01/23 16:34	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/29/23 15:38	04/01/23 16:34	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/29/23 15:38	04/01/23 16:34	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/29/23 15:38	04/01/23 16:34	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/29/23 15:38	04/01/23 16:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				03/29/23 15:38	04/01/23 16:34	1
1,4-Difluorobenzene (Surr)	95		70 - 130				03/29/23 15:38	04/01/23 16:34	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/03/23 16:27	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			03/31/23 09:27	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 *1	49.9		mg/Kg		03/30/23 13:05	03/30/23 22:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		03/30/23 13:05	03/30/23 22:14	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-6 (2')

Lab Sample ID: 880-26533-23

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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		03/30/23 13:05	03/30/23 22:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130				03/30/23 13:05	03/30/23 22:14	1
o-Terphenyl	131	S1+	70 - 130				03/30/23 13:05	03/30/23 22:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	123		4.95		mg/Kg			03/29/23 19:39	1

Client Sample ID: SW-7 (2')

Lab Sample ID: 880-26533-24

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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		03/29/23 15:38	04/01/23 17:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/29/23 15:38	04/01/23 17:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/29/23 15:38	04/01/23 17:00	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/29/23 15:38	04/01/23 17:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/29/23 15:38	04/01/23 17:00	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/29/23 15:38	04/01/23 17:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				03/29/23 15:38	04/01/23 17:00	1
1,4-Difluorobenzene (Surr)	97		70 - 130				03/29/23 15:38	04/01/23 17:00	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			04/03/23 16:27	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			03/31/23 09:27	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 *1	50.0		mg/Kg		03/30/23 13:05	03/30/23 22:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		03/30/23 13:05	03/30/23 22:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/30/23 13:05	03/30/23 22:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				03/30/23 13:05	03/30/23 22:36	1
o-Terphenyl	126		70 - 130				03/30/23 13:05	03/30/23 22:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	87.1		4.95		mg/Kg			03/29/23 19:43	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-8 (2')

Lab Sample ID: 880-26533-25

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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		03/29/23 15:38	04/01/23 17:26	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/29/23 15:38	04/01/23 17:26	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/29/23 15:38	04/01/23 17:26	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/29/23 15:38	04/01/23 17:26	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/29/23 15:38	04/01/23 17:26	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/29/23 15:38	04/01/23 17:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	03/29/23 15:38	04/01/23 17:26	1
1,4-Difluorobenzene (Surr)	94		70 - 130	03/29/23 15:38	04/01/23 17:26	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			04/03/23 16:27	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			03/31/23 09:27	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 *1	50.0		mg/Kg		03/30/23 13:05	03/30/23 22:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		03/30/23 13:05	03/30/23 22:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/30/23 13:05	03/30/23 22:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130	03/30/23 13:05	03/30/23 22:57	1
o-Terphenyl	118		70 - 130	03/30/23 13:05	03/30/23 22:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	131		5.02		mg/Kg			03/29/23 19:48	1

Client Sample ID: SW-9 (2.5')

Lab Sample ID: 880-26533-26

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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		03/29/23 15:38	04/01/23 17:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/29/23 15:38	04/01/23 17:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/29/23 15:38	04/01/23 17:52	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/29/23 15:38	04/01/23 17:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/29/23 15:38	04/01/23 17:52	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/29/23 15:38	04/01/23 17:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	03/29/23 15:38	04/01/23 17:52	1
1,4-Difluorobenzene (Surr)	94		70 - 130	03/29/23 15:38	04/01/23 17:52	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-9 (2.5')

Lab Sample ID: 880-26533-26

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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			04/03/23 16:27	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			03/31/23 09:27	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 *1	49.9		mg/Kg		03/30/23 13:05	03/30/23 23:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		03/30/23 13:05	03/30/23 23:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/30/23 13:05	03/30/23 23:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				03/30/23 13:05	03/30/23 23:19	1
o-Terphenyl	117		70 - 130				03/30/23 13:05	03/30/23 23:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	68.9		5.04		mg/Kg			03/29/23 19:52	1

Client Sample ID: SW-10 (2.5')

Lab Sample ID: 880-26533-27

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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		03/29/23 15:38	04/01/23 18:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/29/23 15:38	04/01/23 18:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/29/23 15:38	04/01/23 18:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/29/23 15:38	04/01/23 18:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/29/23 15:38	04/01/23 18:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/29/23 15:38	04/01/23 18:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				03/29/23 15:38	04/01/23 18:18	1
1,4-Difluorobenzene (Surr)	93		70 - 130				03/29/23 15:38	04/01/23 18:18	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			04/03/23 16:27	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			03/31/23 09:27	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 *1	49.9		mg/Kg		03/30/23 13:05	03/30/23 23:40	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		03/30/23 13:05	03/30/23 23:40	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-10 (2.5')

Lab Sample ID: 880-26533-27

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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		03/30/23 13:05	03/30/23 23:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				03/30/23 13:05	03/30/23 23:40	1
o-Terphenyl	115		70 - 130				03/30/23 13:05	03/30/23 23:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	76.6	F1	5.05		mg/Kg			03/29/23 19:57	1

Client Sample ID: SW-11 (2.5')

Lab Sample ID: 880-26533-28

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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		03/29/23 15:38	04/01/23 18:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/29/23 15:38	04/01/23 18:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/29/23 15:38	04/01/23 18:44	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/29/23 15:38	04/01/23 18:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/29/23 15:38	04/01/23 18:44	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/29/23 15:38	04/01/23 18:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				03/29/23 15:38	04/01/23 18:44	1
1,4-Difluorobenzene (Surr)	99		70 - 130				03/29/23 15:38	04/01/23 18:44	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			04/03/23 16:27	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			03/31/23 09:27	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 *1	50.0		mg/Kg		03/30/23 13:05	03/31/23 00:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		03/30/23 13:05	03/31/23 00:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/30/23 13:05	03/31/23 00:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				03/30/23 13:05	03/31/23 00:02	1
o-Terphenyl	114		70 - 130				03/30/23 13:05	03/31/23 00:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	99.7		4.97		mg/Kg			03/29/23 20:11	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-12 (2.5')

Lab Sample ID: 880-26533-29

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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		03/29/23 15:38	04/01/23 19:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/29/23 15:38	04/01/23 19:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/29/23 15:38	04/01/23 19:10	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/29/23 15:38	04/01/23 19:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/29/23 15:38	04/01/23 19:10	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/29/23 15:38	04/01/23 19:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	03/29/23 15:38	04/01/23 19:10	1
1,4-Difluorobenzene (Surr)	100		70 - 130	03/29/23 15:38	04/01/23 19:10	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			04/03/23 16:27	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			03/31/23 09:27	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 *1	49.9		mg/Kg		03/30/23 13:05	03/31/23 00:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		03/30/23 13:05	03/31/23 00:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/30/23 13:05	03/31/23 00:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130	03/30/23 13:05	03/31/23 00:23	1
o-Terphenyl	118		70 - 130	03/30/23 13:05	03/31/23 00:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	67.9		4.96		mg/Kg			03/29/23 20:15	1

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
 Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
 SDG: Eddy 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	DFBZ1
		(70-130)	(70-130)
880-26531-A-1-A MS	Matrix Spike	129	106
880-26531-A-1-B MSD	Matrix Spike Duplicate	114	106
880-26533-1	CS-1 (1')	102	88
880-26533-1 MS	CS-1 (1')	107	95
880-26533-1 MSD	CS-1 (1')	103	102
880-26533-2	CS-2 (1')	105	99
880-26533-3	CS-3 (1')	111	95
880-26533-4	CS-4 (2')	100	92
880-26533-5	CS-5 (2')	113	90
880-26533-6	CS-6 (2')	108	93
880-26533-7	CS-7 (2')	110	92
880-26533-8	CS-8 (2')	118	96
880-26533-9	CS-9 (2')	95	87
880-26533-10	CS-10 (2')	108	91
880-26533-11	CS-11 (2')	101	90
880-26533-12	CS-12 (2')	110	92
880-26533-13	CS-13 (2')	107	91
880-26533-14	CS-14 (2.5')	110	87
880-26533-15	CS-15 (2.5')	108	96
880-26533-16	CS-16 (2.5')	112	96
880-26533-17	CS-17 (2.5')	113	95
880-26533-18	SW-1 (1')	109	88
880-26533-19	SW-2 (1')	113	99
880-26533-20	SW-3 (1')	116	93
880-26533-21	SW-4 (2')	113	91
880-26533-22	SW-5 (2')	93	87
880-26533-22 MS	SW-5 (2')	101	110
880-26533-22 MSD	SW-5 (2')	98	94
880-26533-23	SW-6 (2')	100	95
880-26533-24	SW-7 (2')	104	97
880-26533-25	SW-8 (2')	108	94
880-26533-26	SW-9 (2.5')	106	94
880-26533-27	SW-10 (2.5')	118	93
880-26533-28	SW-11 (2.5')	108	99
880-26533-29	SW-12 (2.5')	113	100
LCS 880-49864/1-A	Lab Control Sample	103	105
LCS 880-49865/1-A	Lab Control Sample	117	106
LCS 880-49868/1-A	Lab Control Sample	103	95
LCSD 880-49864/2-A	Lab Control Sample Dup	105	104
LCSD 880-49865/2-A	Lab Control Sample Dup	117	108
LCSD 880-49868/2-A	Lab Control Sample Dup	95	106
MB 880-49835/5-A	Method Blank	67 S1-	87
MB 880-49864/5-A	Method Blank	66 S1-	89
MB 880-49865/5-A	Method Blank	77	96
MB 880-49868/5-A	Method Blank	65 S1-	86

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Eurofins Midland

Surrogate Summary

Client: Carmona Resources

Job ID: 880-26533-1

Project/Site: Myox 20 State 5H (02.03.23)

SDG: Eddy County, New Mexico

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)
880-26531-A-1-F MS	Matrix Spike	103	79
880-26531-A-1-G MSD	Matrix Spike Duplicate	104	79
880-26533-1	CS-1 (1')	103	85
880-26533-2	CS-2 (1')	96	115
880-26533-2 MS	CS-2 (1')	100	108
880-26533-2 MSD	CS-2 (1')	114	117
880-26533-3	CS-3 (1')	102	116
880-26533-4	CS-4 (2')	89	105
880-26533-5	CS-5 (2')	106	121
880-26533-6	CS-6 (2')	87	103
880-26533-7	CS-7 (2')	84	99
880-26533-8	CS-8 (2')	91	109
880-26533-9	CS-9 (2')	86	99
880-26533-10	CS-10 (2')	95	110
880-26533-11	CS-11 (2')	99	111
880-26533-12	CS-12 (2')	105	119
880-26533-13	CS-13 (2')	87	102
880-26533-14	CS-14 (2.5')	81	95
880-26533-15	CS-15 (2.5')	86	97
880-26533-16	CS-16 (2.5')	106	120
880-26533-17	CS-17 (2.5')	83	96
880-26533-18	SW-1 (1')	91	109
880-26533-19	SW-2 (1')	71	78
880-26533-20	SW-3 (1')	76	88
880-26533-21	SW-4 (2')	83	99
880-26533-22	SW-5 (2')	127	136 S1+
880-26533-22 MS	SW-5 (2')	136 S1+	134 S1+
880-26533-22 MSD	SW-5 (2')	129	120
880-26533-23	SW-6 (2')	121	131 S1+
880-26533-24	SW-7 (2')	114	126
880-26533-25	SW-8 (2')	112	118
880-26533-26	SW-9 (2.5')	112	117
880-26533-27	SW-10 (2.5')	110	115
880-26533-28	SW-11 (2.5')	107	114
880-26533-29	SW-12 (2.5')	110	118
LCS 880-49894/2-A	Lab Control Sample	144 S1+	135 S1+
LCS 880-49895/2-A	Lab Control Sample	138 S1+	159 S1+
LCS 880-49948/2-A	Lab Control Sample	120	124
LCSD 880-49894/3-A	Lab Control Sample Dup	137 S1+	120
LCSD 880-49895/3-A	Lab Control Sample Dup	155 S1+	180 S1+
LCSD 880-49948/3-A	Lab Control Sample Dup	133 S1+	139 S1+
MB 880-49894/1-A	Method Blank	143 S1+	120
MB 880-49895/1-A	Method Blank	127	150 S1+
MB 880-49948/1-A	Method Blank	137 S1+	158 S1+

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-49835/5-A

Matrix: Solid

Analysis Batch: 49972

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 49835

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/29/23 12:18	03/30/23 17:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/29/23 12:18	03/30/23 17:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/29/23 12:18	03/30/23 17:18	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/29/23 12:18	03/30/23 17:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/29/23 12:18	03/30/23 17:18	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/29/23 12:18	03/30/23 17:18	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	67	S1-	70 - 130	03/29/23 12:18	03/30/23 17:18	1
1,4-Difluorobenzene (Surr)	87		70 - 130	03/29/23 12:18	03/30/23 17:18	1

Lab Sample ID: MB 880-49864/5-A

Matrix: Solid

Analysis Batch: 49972

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 49864

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/29/23 15:09	03/31/23 07:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/29/23 15:09	03/31/23 07:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/29/23 15:09	03/31/23 07:12	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/29/23 15:09	03/31/23 07:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/29/23 15:09	03/31/23 07:12	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/29/23 15:09	03/31/23 07:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	66	S1-	70 - 130	03/29/23 15:09	03/31/23 07:12	1
1,4-Difluorobenzene (Surr)	89		70 - 130	03/29/23 15:09	03/31/23 07:12	1

Lab Sample ID: LCS 880-49864/1-A

Matrix: Solid

Analysis Batch: 49972

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 49864

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1248		mg/Kg		125	70 - 130
Toluene	0.100	0.1078		mg/Kg		108	70 - 130
Ethylbenzene	0.100	0.1089		mg/Kg		109	70 - 130
m-Xylene & p-Xylene	0.200	0.2175		mg/Kg		109	70 - 130
o-Xylene	0.100	0.1136		mg/Kg		114	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: LCSD 880-49864/2-A

Matrix: Solid

Analysis Batch: 49972

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 49864

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1280		mg/Kg		128	70 - 130	3	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCSD 880-49864/2-A

Matrix: Solid

Analysis Batch: 49972

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 49864

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.1132		mg/Kg		113	70 - 130	5	35
Ethylbenzene	0.100	0.1136		mg/Kg		114	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.2267		mg/Kg		113	70 - 130	4	35
o-Xylene	0.100	0.1195		mg/Kg		120	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 880-26533-1 MS

Matrix: Solid

Analysis Batch: 49972

Client Sample ID: CS-1 (1')

Prep Type: Total/NA

Prep Batch: 49864

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.0998	0.09324		mg/Kg		93	70 - 130
Toluene	<0.00199	U	0.0998	0.08222		mg/Kg		82	70 - 130
Ethylbenzene	<0.00199	U	0.0998	0.08416		mg/Kg		84	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.200	0.1685		mg/Kg		84	70 - 130
o-Xylene	<0.00199	U	0.0998	0.08746		mg/Kg		88	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: 880-26533-1 MSD

Matrix: Solid

Analysis Batch: 49972

Client Sample ID: CS-1 (1')

Prep Type: Total/NA

Prep Batch: 49864

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.0990	0.1034		mg/Kg		104	70 - 130	10	35
Toluene	<0.00199	U	0.0990	0.08938		mg/Kg		90	70 - 130	8	35
Ethylbenzene	<0.00199	U	0.0990	0.08885		mg/Kg		90	70 - 130	5	35
m-Xylene & p-Xylene	<0.00398	U	0.198	0.1761		mg/Kg		89	70 - 130	4	35
o-Xylene	<0.00199	U	0.0990	0.08767		mg/Kg		89	70 - 130	0	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: MB 880-49865/5-A

Matrix: Solid

Analysis Batch: 50102

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 49865

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/29/23 15:17	04/02/23 19:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/29/23 15:17	04/02/23 19:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/29/23 15:17	04/02/23 19:51	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/29/23 15:17	04/02/23 19:51	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: MB 880-49865/5-A

Matrix: Solid

Analysis Batch: 50102

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 49865

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/29/23 15:17	04/02/23 19:51	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/29/23 15:17	04/02/23 19:51	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		70 - 130	03/29/23 15:17	04/02/23 19:51	1
1,4-Difluorobenzene (Surr)	96		70 - 130	03/29/23 15:17	04/02/23 19:51	1

Lab Sample ID: LCS 880-49865/1-A

Matrix: Solid

Analysis Batch: 50102

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 49865

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1089		mg/Kg		109	70 - 130
Toluene	0.100	0.1035		mg/Kg		104	70 - 130
Ethylbenzene	0.100	0.1109		mg/Kg		111	70 - 130
m-Xylene & p-Xylene	0.200	0.2398		mg/Kg		120	70 - 130
o-Xylene	0.100	0.1204		mg/Kg		120	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	117		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: LCSD 880-49865/2-A

Matrix: Solid

Analysis Batch: 50102

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 49865

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1170		mg/Kg		117	70 - 130	7	35
Toluene	0.100	0.1102		mg/Kg		110	70 - 130	6	35
Ethylbenzene	0.100	0.1131		mg/Kg		113	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2453		mg/Kg		123	70 - 130	2	35
o-Xylene	0.100	0.1237		mg/Kg		124	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	117		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: 880-26531-A-1-A MS

Matrix: Solid

Analysis Batch: 50102

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 49865

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U	0.0998	0.09386		mg/Kg		94	70 - 130
Toluene	<0.00198	U	0.0998	0.09536		mg/Kg		96	70 - 130
Ethylbenzene	<0.00198	U	0.0998	0.1062		mg/Kg		106	70 - 130
m-Xylene & p-Xylene	<0.00396	U	0.200	0.2270		mg/Kg		114	70 - 130
o-Xylene	<0.00198	U	0.0998	0.1131		mg/Kg		113	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-26531-A-1-A MS

Matrix: Solid

Analysis Batch: 50102

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 49865

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	129		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 880-26531-A-1-B MSD

Matrix: Solid

Analysis Batch: 50102

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 49865

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	0.1040		mg/Kg		104	70 - 130	10	35
Toluene	<0.00198	U	0.100	0.09980		mg/Kg		100	70 - 130	5	35
Ethylbenzene	<0.00198	U	0.100	0.1014		mg/Kg		101	70 - 130	5	35
m-Xylene & p-Xylene	<0.00396	U	0.200	0.2159		mg/Kg		108	70 - 130	5	35
o-Xylene	<0.00198	U	0.100	0.1081		mg/Kg		108	70 - 130	5	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: MB 880-49868/5-A

Matrix: Solid

Analysis Batch: 49998

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 49868

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/29/23 15:38	04/01/23 15:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/29/23 15:38	04/01/23 15:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/29/23 15:38	04/01/23 15:42	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/29/23 15:38	04/01/23 15:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/29/23 15:38	04/01/23 15:42	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/29/23 15:38	04/01/23 15:42	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	65	S1-	70 - 130	03/29/23 15:38	04/01/23 15:42	1			
1,4-Difluorobenzene (Surr)	86		70 - 130	03/29/23 15:38	04/01/23 15:42	1			

Lab Sample ID: LCS 880-49868/1-A

Matrix: Solid

Analysis Batch: 49998

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 49868

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1246		mg/Kg		125	70 - 130
Toluene	0.100	0.1207		mg/Kg		121	70 - 130
Ethylbenzene	0.100	0.1229		mg/Kg		123	70 - 130
m-Xylene & p-Xylene	0.200	0.2486		mg/Kg		124	70 - 130
o-Xylene	0.100	0.1246		mg/Kg		125	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-49868/1-A

Matrix: Solid

Analysis Batch: 49998

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 49868

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

Lab Sample ID: LCSD 880-49868/2-A

Matrix: Solid

Analysis Batch: 49998

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 49868

			Spike	LCSD	LCSD				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene			0.100	0.1204		mg/Kg		120	70 - 130	3	35
Toluene			0.100	0.1059		mg/Kg		106	70 - 130	13	35
Ethylbenzene			0.100	0.1086		mg/Kg		109	70 - 130	12	35
m-Xylene & p-Xylene			0.200	0.2195		mg/Kg		110	70 - 130	12	35
o-Xylene			0.100	0.1100		mg/Kg		110	70 - 130	12	35

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 880-26533-22 MS

Matrix: Solid

Analysis Batch: 49998

Client Sample ID: SW-5 (2')

Prep Type: Total/NA

Prep Batch: 49868

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Benzene	<0.00202	U	0.101	0.1095		mg/Kg		109	70 - 130		
Toluene	<0.00202	U	0.101	0.1054		mg/Kg		105	70 - 130		
Ethylbenzene	<0.00202	U	0.101	0.1016		mg/Kg		101	70 - 130		
m-Xylene & p-Xylene	<0.00403	U	0.202	0.2044		mg/Kg		101	70 - 130		
o-Xylene	<0.00202	U	0.101	0.1027		mg/Kg		102	70 - 130		

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

Lab Sample ID: 880-26533-22 MSD

Matrix: Solid

Analysis Batch: 49998

Client Sample ID: SW-5 (2')

Prep Type: Total/NA

Prep Batch: 49868

	Sample	Sample	Spike	MSD	MSD				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00202	U	0.0990	0.1003		mg/Kg		101	70 - 130	9	35
Toluene	<0.00202	U	0.0990	0.09508		mg/Kg		96	70 - 130	10	35
Ethylbenzene	<0.00202	U	0.0990	0.09376		mg/Kg		95	70 - 130	8	35
m-Xylene & p-Xylene	<0.00403	U	0.198	0.1890		mg/Kg		95	70 - 130	8	35
o-Xylene	<0.00202	U	0.0990	0.09385		mg/Kg		95	70 - 130	9	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: MB 880-49894/1-A

Matrix: Solid

Analysis Batch: 49910

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 49894

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/29/23 16:49	03/30/23 22:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/29/23 16:49	03/30/23 22:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/29/23 16:49	03/30/23 22:39	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	143	S1+	70 - 130				03/29/23 16:49	03/30/23 22:39	1
o-Terphenyl	120		70 - 130				03/29/23 16:49	03/30/23 22:39	1

Lab Sample ID: LCS 880-49894/2-A

Matrix: Solid

Analysis Batch: 49910

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 49894

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1027		mg/Kg		103	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1031		mg/Kg		103	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	144	S1+	70 - 130				
o-Terphenyl	135	S1+	70 - 130				

Lab Sample ID: LCSD 880-49894/3-A

Matrix: Solid

Analysis Batch: 49910

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 49894

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	965.8		mg/Kg		97	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	1000	947.0		mg/Kg		95	70 - 130	8	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	137	S1+	70 - 130						
o-Terphenyl	120		70 - 130						

Lab Sample ID: 880-26531-A-1-F MS

Matrix: Solid

Analysis Batch: 49910

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 49894

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1110		mg/Kg		109	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	998	1007		mg/Kg		98	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-26531-A-1-F MS

Matrix: Solid

Analysis Batch: 49910

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 49894

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	103		70 - 130
o-Terphenyl	79		70 - 130

Lab Sample ID: 880-26531-A-1-G MSD

Matrix: Solid

Analysis Batch: 49910

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 49894

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	<49.9	U	999	1103		mg/Kg		108	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1017		mg/Kg		99	70 - 130	1	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	104		70 - 130
o-Terphenyl	79		70 - 130

Lab Sample ID: MB 880-49895/1-A

Matrix: Solid

Analysis Batch: 49908

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 49895

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/29/23 16:54	03/30/23 22:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/29/23 16:54	03/30/23 22:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/29/23 16:54	03/30/23 22:39	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	127		70 - 130	03/29/23 16:54	03/30/23 22:39	1			
o-Terphenyl	150	S1+	70 - 130	03/29/23 16:54	03/30/23 22:39	1			

Lab Sample ID: LCS 880-49895/2-A

Matrix: Solid

Analysis Batch: 49908

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 49895

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1135		mg/Kg		113	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1652	*+	mg/Kg		165	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	138	S1+	70 - 130
o-Terphenyl	159	S1+	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCSD 880-49895/3-A

Matrix: Solid

Analysis Batch: 49908

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 49895

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	748.9	*1	mg/Kg		75	70 - 130	41	20
Diesel Range Organics (Over C10-C28)	1000	1884	*+	mg/Kg		188	70 - 130	13	20
		LCSD	LCSD						
		%Recovery	Qualifier	Limits					
Surrogate									
1-Chlorooctane		155	S1+	70 - 130					
o-Terphenyl		180	S1+	70 - 130					

Lab Sample ID: 880-26533-2 MS

Matrix: Solid

Analysis Batch: 49908

Client Sample ID: CS-2 (1')

Prep Type: Total/NA

Prep Batch: 49895

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1 F2	998	989.6		mg/Kg		97	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U *+	998	1233		mg/Kg		124	70 - 130		
		MS	MS								
		%Recovery	Qualifier	Limits							
Surrogate											
1-Chlorooctane		100		70 - 130							
o-Terphenyl		108		70 - 130							

Lab Sample ID: 880-26533-2 MSD

Matrix: Solid

Analysis Batch: 49908

Client Sample ID: CS-2 (1')

Prep Type: Total/NA

Prep Batch: 49895

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	<49.9	U *1 F2	999	1231	F2	mg/Kg		122	70 - 130	22	20
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	1214		mg/Kg		122	70 - 130	2	20
		MSD	MSD								
		%Recovery	Qualifier	Limits							
Surrogate											
1-Chlorooctane		114		70 - 130							
o-Terphenyl		117		70 - 130							

Lab Sample ID: MB 880-49948/1-A

Matrix: Solid

Analysis Batch: 49914

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 49948

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/30/23 13:05	03/30/23 20:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/30/23 13:05	03/30/23 20:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/30/23 13:05	03/30/23 20:02	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: MB 880-49948/1-A
Matrix: Solid
Analysis Batch: 49914

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 49948

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac			
1-Chlorooctane	137	S1+	70 - 130	03/30/23 13:05	03/30/23 20:02	1				
o-Terphenyl	158	S1+	70 - 130	03/30/23 13:05	03/30/23 20:02	1				

Lab Sample ID: LCS 880-49948/2-A
Matrix: Solid
Analysis Batch: 49914

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 49948

			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	915.8		mg/Kg		92	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	838.5		mg/Kg		84	70 - 130		

	LCS	LCS									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	120		70 - 130								
o-Terphenyl	124		70 - 130								

Lab Sample ID: LCSD 880-49948/3-A
Matrix: Solid
Analysis Batch: 49914

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 49948

			Spike	LCSD	LCSD				%Rec		RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10			1000	1186	*1	mg/Kg		119	70 - 130	26	20	
Diesel Range Organics (Over C10-C28)			1000	1077	*1	mg/Kg		108	70 - 130	25	20	

	LCSD	LCSD										
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	133	S1+	70 - 130									
o-Terphenyl	139	S1+	70 - 130									

Lab Sample ID: 880-26533-22 MS
Matrix: Solid
Analysis Batch: 49914

Client Sample ID: SW-5 (2')
Prep Type: Total/NA
Prep Batch: 49948

	Sample	Sample	Spike	MS	MS				%Rec			
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	998	1169		mg/Kg		114	70 - 130			
Diesel Range Organics (Over C10-C28)	<49.9	U *1	998	962.0		mg/Kg		95	70 - 130			

	MS	MS										
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	136	S1+	70 - 130									
o-Terphenyl	134	S1+	70 - 130									

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-26533-22 MSD

Matrix: Solid

Analysis Batch: 49914

Client Sample ID: SW-5 (2')

Prep Type: Total/NA

Prep Batch: 49948

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	<49.9	U *1	999	1117		mg/Kg		109	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<49.9	U *1	999	891.3		mg/Kg		87	70 - 130	8	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	129		70 - 130								
o-Terphenyl	120		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-49866/1-A

Matrix: Solid

Analysis Batch: 49867

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			03/29/23 16:01	1

Lab Sample ID: LCS 880-49866/2-A

Matrix: Solid

Analysis Batch: 49867

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	254.7		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-49866/3-A

Matrix: Solid

Analysis Batch: 49867

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	255.6		mg/Kg		102	90 - 110	0	20

Lab Sample ID: 880-26533-10 MS

Matrix: Solid

Analysis Batch: 49867

Client Sample ID: CS-10 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	79.6	F1	252	380.6	F1	mg/Kg		120	90 - 110

Lab Sample ID: 880-26533-10 MSD

Matrix: Solid

Analysis Batch: 49867

Client Sample ID: CS-10 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	79.6	F1	252	380.5	F1	mg/Kg		120	90 - 110	0	20

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 880-49887/1-A

Matrix: Solid

Analysis Batch: 49901

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			03/29/23 18:39	1

Lab Sample ID: LCS 880-49887/2-A

Matrix: Solid

Analysis Batch: 49901

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	244.2		mg/Kg		98	90 - 110

Lab Sample ID: LCSD 880-49887/3-A

Matrix: Solid

Analysis Batch: 49901

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	251.0		mg/Kg		100	90 - 110	3	20

Lab Sample ID: 880-26533-17 MS

Matrix: Solid

Analysis Batch: 49901

Client Sample ID: CS-17 (2.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	85.6	F1	250	373.3	F1	mg/Kg		115	90 - 110

Lab Sample ID: 880-26533-17 MSD

Matrix: Solid

Analysis Batch: 49901

Client Sample ID: CS-17 (2.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	85.6	F1	250	378.6	F1	mg/Kg		117	90 - 110	1	20

Lab Sample ID: 880-26533-27 MS

Matrix: Solid

Analysis Batch: 49901

Client Sample ID: SW-10 (2.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	76.6	F1	253	351.4		mg/Kg		109	90 - 110

Lab Sample ID: 880-26533-27 MSD

Matrix: Solid

Analysis Batch: 49901

Client Sample ID: SW-10 (2.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	76.6	F1	253	356.2	F1	mg/Kg		111	90 - 110	1	20

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

GC VOA

Prep Batch: 49835

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-49835/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 49864

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26533-1	CS-1 (1')	Total/NA	Solid	5035	
880-26533-2	CS-2 (1')	Total/NA	Solid	5035	
880-26533-3	CS-3 (1')	Total/NA	Solid	5035	
880-26533-4	CS-4 (2')	Total/NA	Solid	5035	
880-26533-5	CS-5 (2')	Total/NA	Solid	5035	
880-26533-6	CS-6 (2')	Total/NA	Solid	5035	
880-26533-7	CS-7 (2')	Total/NA	Solid	5035	
880-26533-8	CS-8 (2')	Total/NA	Solid	5035	
880-26533-9	CS-9 (2')	Total/NA	Solid	5035	
880-26533-10	CS-10 (2')	Total/NA	Solid	5035	
880-26533-11	CS-11 (2')	Total/NA	Solid	5035	
880-26533-12	CS-12 (2')	Total/NA	Solid	5035	
880-26533-13	CS-13 (2')	Total/NA	Solid	5035	
880-26533-14	CS-14 (2.5')	Total/NA	Solid	5035	
880-26533-15	CS-15 (2.5')	Total/NA	Solid	5035	
880-26533-16	CS-16 (2.5')	Total/NA	Solid	5035	
880-26533-17	CS-17 (2.5')	Total/NA	Solid	5035	
880-26533-18	SW-1 (1')	Total/NA	Solid	5035	
880-26533-19	SW-2 (1')	Total/NA	Solid	5035	
880-26533-20	SW-3 (1')	Total/NA	Solid	5035	
MB 880-49864/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-49864/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-49864/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-26533-1 MS	CS-1 (1')	Total/NA	Solid	5035	
880-26533-1 MSD	CS-1 (1')	Total/NA	Solid	5035	

Prep Batch: 49865

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26533-21	SW-4 (2')	Total/NA	Solid	5035	
MB 880-49865/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-49865/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-49865/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-26531-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-26531-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 49868

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26533-22	SW-5 (2')	Total/NA	Solid	5035	
880-26533-23	SW-6 (2')	Total/NA	Solid	5035	
880-26533-24	SW-7 (2')	Total/NA	Solid	5035	
880-26533-25	SW-8 (2')	Total/NA	Solid	5035	
880-26533-26	SW-9 (2.5')	Total/NA	Solid	5035	
880-26533-27	SW-10 (2.5')	Total/NA	Solid	5035	
880-26533-28	SW-11 (2.5')	Total/NA	Solid	5035	
880-26533-29	SW-12 (2.5')	Total/NA	Solid	5035	
MB 880-49868/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-49868/1-A	Lab Control Sample	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

GC VOA (Continued)

Prep Batch: 49868 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-49868/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-26533-22 MS	SW-5 (2')	Total/NA	Solid	5035	
880-26533-22 MSD	SW-5 (2')	Total/NA	Solid	5035	

Analysis Batch: 49972

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26533-1	CS-1 (1')	Total/NA	Solid	8021B	49864
880-26533-2	CS-2 (1')	Total/NA	Solid	8021B	49864
880-26533-3	CS-3 (1')	Total/NA	Solid	8021B	49864
880-26533-4	CS-4 (2')	Total/NA	Solid	8021B	49864
880-26533-5	CS-5 (2')	Total/NA	Solid	8021B	49864
880-26533-6	CS-6 (2')	Total/NA	Solid	8021B	49864
880-26533-7	CS-7 (2')	Total/NA	Solid	8021B	49864
880-26533-8	CS-8 (2')	Total/NA	Solid	8021B	49864
880-26533-9	CS-9 (2')	Total/NA	Solid	8021B	49864
880-26533-10	CS-10 (2')	Total/NA	Solid	8021B	49864
880-26533-11	CS-11 (2')	Total/NA	Solid	8021B	49864
880-26533-12	CS-12 (2')	Total/NA	Solid	8021B	49864
880-26533-13	CS-13 (2')	Total/NA	Solid	8021B	49864
880-26533-14	CS-14 (2.5')	Total/NA	Solid	8021B	49864
880-26533-15	CS-15 (2.5')	Total/NA	Solid	8021B	49864
880-26533-16	CS-16 (2.5')	Total/NA	Solid	8021B	49864
880-26533-17	CS-17 (2.5')	Total/NA	Solid	8021B	49864
880-26533-18	SW-1 (1')	Total/NA	Solid	8021B	49864
880-26533-19	SW-2 (1')	Total/NA	Solid	8021B	49864
880-26533-20	SW-3 (1')	Total/NA	Solid	8021B	49864
MB 880-49835/5-A	Method Blank	Total/NA	Solid	8021B	49835
MB 880-49864/5-A	Method Blank	Total/NA	Solid	8021B	49864
LCS 880-49864/1-A	Lab Control Sample	Total/NA	Solid	8021B	49864
LCSD 880-49864/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	49864
880-26533-1 MS	CS-1 (1')	Total/NA	Solid	8021B	49864
880-26533-1 MSD	CS-1 (1')	Total/NA	Solid	8021B	49864

Analysis Batch: 49998

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26533-22	SW-5 (2')	Total/NA	Solid	8021B	49868
880-26533-23	SW-6 (2')	Total/NA	Solid	8021B	49868
880-26533-24	SW-7 (2')	Total/NA	Solid	8021B	49868
880-26533-25	SW-8 (2')	Total/NA	Solid	8021B	49868
880-26533-26	SW-9 (2.5')	Total/NA	Solid	8021B	49868
880-26533-27	SW-10 (2.5')	Total/NA	Solid	8021B	49868
880-26533-28	SW-11 (2.5')	Total/NA	Solid	8021B	49868
880-26533-29	SW-12 (2.5')	Total/NA	Solid	8021B	49868
MB 880-49868/5-A	Method Blank	Total/NA	Solid	8021B	49868
LCS 880-49868/1-A	Lab Control Sample	Total/NA	Solid	8021B	49868
LCSD 880-49868/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	49868
880-26533-22 MS	SW-5 (2')	Total/NA	Solid	8021B	49868
880-26533-22 MSD	SW-5 (2')	Total/NA	Solid	8021B	49868

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

GC VOA

Analysis Batch: 50044

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26533-1	CS-1 (1')	Total/NA	Solid	Total BTEX	
880-26533-2	CS-2 (1')	Total/NA	Solid	Total BTEX	
880-26533-3	CS-3 (1')	Total/NA	Solid	Total BTEX	
880-26533-4	CS-4 (2')	Total/NA	Solid	Total BTEX	
880-26533-5	CS-5 (2')	Total/NA	Solid	Total BTEX	
880-26533-6	CS-6 (2')	Total/NA	Solid	Total BTEX	
880-26533-7	CS-7 (2')	Total/NA	Solid	Total BTEX	
880-26533-8	CS-8 (2')	Total/NA	Solid	Total BTEX	
880-26533-9	CS-9 (2')	Total/NA	Solid	Total BTEX	
880-26533-10	CS-10 (2')	Total/NA	Solid	Total BTEX	
880-26533-11	CS-11 (2')	Total/NA	Solid	Total BTEX	
880-26533-12	CS-12 (2')	Total/NA	Solid	Total BTEX	
880-26533-13	CS-13 (2')	Total/NA	Solid	Total BTEX	
880-26533-14	CS-14 (2.5')	Total/NA	Solid	Total BTEX	
880-26533-15	CS-15 (2.5')	Total/NA	Solid	Total BTEX	
880-26533-16	CS-16 (2.5')	Total/NA	Solid	Total BTEX	
880-26533-17	CS-17 (2.5')	Total/NA	Solid	Total BTEX	
880-26533-18	SW-1 (1')	Total/NA	Solid	Total BTEX	
880-26533-19	SW-2 (1')	Total/NA	Solid	Total BTEX	
880-26533-20	SW-3 (1')	Total/NA	Solid	Total BTEX	
880-26533-21	SW-4 (2')	Total/NA	Solid	Total BTEX	
880-26533-22	SW-5 (2')	Total/NA	Solid	Total BTEX	
880-26533-23	SW-6 (2')	Total/NA	Solid	Total BTEX	
880-26533-24	SW-7 (2')	Total/NA	Solid	Total BTEX	
880-26533-25	SW-8 (2')	Total/NA	Solid	Total BTEX	
880-26533-26	SW-9 (2.5')	Total/NA	Solid	Total BTEX	
880-26533-27	SW-10 (2.5')	Total/NA	Solid	Total BTEX	
880-26533-28	SW-11 (2.5')	Total/NA	Solid	Total BTEX	
880-26533-29	SW-12 (2.5')	Total/NA	Solid	Total BTEX	

Analysis Batch: 50102

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26533-21	SW-4 (2')	Total/NA	Solid	8021B	49865
MB 880-49865/5-A	Method Blank	Total/NA	Solid	8021B	49865
LCS 880-49865/1-A	Lab Control Sample	Total/NA	Solid	8021B	49865
LCSD 880-49865/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	49865
880-26531-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	49865
880-26531-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	49865

GC Semi VOA

Prep Batch: 49894

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26533-1	CS-1 (1')	Total/NA	Solid	8015NM Prep	
MB 880-49894/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-49894/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-49894/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-26531-A-1-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-26531-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
 SDG: Eddy County, New Mexico

GC Semi VOA

Prep Batch: 49895

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26533-2	CS-2 (1')	Total/NA	Solid	8015NM Prep	
880-26533-3	CS-3 (1')	Total/NA	Solid	8015NM Prep	
880-26533-4	CS-4 (2')	Total/NA	Solid	8015NM Prep	
880-26533-5	CS-5 (2')	Total/NA	Solid	8015NM Prep	
880-26533-6	CS-6 (2')	Total/NA	Solid	8015NM Prep	
880-26533-7	CS-7 (2')	Total/NA	Solid	8015NM Prep	
880-26533-8	CS-8 (2')	Total/NA	Solid	8015NM Prep	
880-26533-9	CS-9 (2')	Total/NA	Solid	8015NM Prep	
880-26533-10	CS-10 (2')	Total/NA	Solid	8015NM Prep	
880-26533-11	CS-11 (2')	Total/NA	Solid	8015NM Prep	
880-26533-12	CS-12 (2')	Total/NA	Solid	8015NM Prep	
880-26533-13	CS-13 (2')	Total/NA	Solid	8015NM Prep	
880-26533-14	CS-14 (2.5')	Total/NA	Solid	8015NM Prep	
880-26533-15	CS-15 (2.5')	Total/NA	Solid	8015NM Prep	
880-26533-16	CS-16 (2.5')	Total/NA	Solid	8015NM Prep	
880-26533-17	CS-17 (2.5')	Total/NA	Solid	8015NM Prep	
880-26533-18	SW-1 (1')	Total/NA	Solid	8015NM Prep	
880-26533-19	SW-2 (1')	Total/NA	Solid	8015NM Prep	
880-26533-20	SW-3 (1')	Total/NA	Solid	8015NM Prep	
880-26533-21	SW-4 (2')	Total/NA	Solid	8015NM Prep	
MB 880-49895/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-49895/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-49895/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-26533-2 MS	CS-2 (1')	Total/NA	Solid	8015NM Prep	
880-26533-2 MSD	CS-2 (1')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 49908

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26533-2	CS-2 (1')	Total/NA	Solid	8015B NM	49895
880-26533-3	CS-3 (1')	Total/NA	Solid	8015B NM	49895
880-26533-4	CS-4 (2')	Total/NA	Solid	8015B NM	49895
880-26533-5	CS-5 (2')	Total/NA	Solid	8015B NM	49895
880-26533-6	CS-6 (2')	Total/NA	Solid	8015B NM	49895
880-26533-7	CS-7 (2')	Total/NA	Solid	8015B NM	49895
880-26533-8	CS-8 (2')	Total/NA	Solid	8015B NM	49895
880-26533-9	CS-9 (2')	Total/NA	Solid	8015B NM	49895
880-26533-10	CS-10 (2')	Total/NA	Solid	8015B NM	49895
880-26533-11	CS-11 (2')	Total/NA	Solid	8015B NM	49895
880-26533-12	CS-12 (2')	Total/NA	Solid	8015B NM	49895
880-26533-13	CS-13 (2')	Total/NA	Solid	8015B NM	49895
880-26533-14	CS-14 (2.5')	Total/NA	Solid	8015B NM	49895
880-26533-15	CS-15 (2.5')	Total/NA	Solid	8015B NM	49895
880-26533-16	CS-16 (2.5')	Total/NA	Solid	8015B NM	49895
880-26533-17	CS-17 (2.5')	Total/NA	Solid	8015B NM	49895
880-26533-18	SW-1 (1')	Total/NA	Solid	8015B NM	49895
880-26533-19	SW-2 (1')	Total/NA	Solid	8015B NM	49895
880-26533-20	SW-3 (1')	Total/NA	Solid	8015B NM	49895
880-26533-21	SW-4 (2')	Total/NA	Solid	8015B NM	49895
MB 880-49895/1-A	Method Blank	Total/NA	Solid	8015B NM	49895
LCS 880-49895/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	49895
LCSD 880-49895/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	49895

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 49908 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26533-2 MS	CS-2 (1')	Total/NA	Solid	8015B NM	49895
880-26533-2 MSD	CS-2 (1')	Total/NA	Solid	8015B NM	49895

Analysis Batch: 49910

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26533-1	CS-1 (1')	Total/NA	Solid	8015B NM	49894
MB 880-49894/1-A	Method Blank	Total/NA	Solid	8015B NM	49894
LCS 880-49894/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	49894
LCSD 880-49894/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	49894
880-26531-A-1-F MS	Matrix Spike	Total/NA	Solid	8015B NM	49894
880-26531-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	49894

Analysis Batch: 49914

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26533-22	SW-5 (2')	Total/NA	Solid	8015B NM	49948
880-26533-23	SW-6 (2')	Total/NA	Solid	8015B NM	49948
880-26533-24	SW-7 (2')	Total/NA	Solid	8015B NM	49948
880-26533-25	SW-8 (2')	Total/NA	Solid	8015B NM	49948
880-26533-26	SW-9 (2.5')	Total/NA	Solid	8015B NM	49948
880-26533-27	SW-10 (2.5')	Total/NA	Solid	8015B NM	49948
880-26533-28	SW-11 (2.5')	Total/NA	Solid	8015B NM	49948
880-26533-29	SW-12 (2.5')	Total/NA	Solid	8015B NM	49948
MB 880-49948/1-A	Method Blank	Total/NA	Solid	8015B NM	49948
LCS 880-49948/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	49948
LCSD 880-49948/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	49948
880-26533-22 MS	SW-5 (2')	Total/NA	Solid	8015B NM	49948
880-26533-22 MSD	SW-5 (2')	Total/NA	Solid	8015B NM	49948

Prep Batch: 49948

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26533-22	SW-5 (2')	Total/NA	Solid	8015NM Prep	
880-26533-23	SW-6 (2')	Total/NA	Solid	8015NM Prep	
880-26533-24	SW-7 (2')	Total/NA	Solid	8015NM Prep	
880-26533-25	SW-8 (2')	Total/NA	Solid	8015NM Prep	
880-26533-26	SW-9 (2.5')	Total/NA	Solid	8015NM Prep	
880-26533-27	SW-10 (2.5')	Total/NA	Solid	8015NM Prep	
880-26533-28	SW-11 (2.5')	Total/NA	Solid	8015NM Prep	
880-26533-29	SW-12 (2.5')	Total/NA	Solid	8015NM Prep	
MB 880-49948/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-49948/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-49948/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-26533-22 MS	SW-5 (2')	Total/NA	Solid	8015NM Prep	
880-26533-22 MSD	SW-5 (2')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 50013

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26533-1	CS-1 (1')	Total/NA	Solid	8015 NM	
880-26533-2	CS-2 (1')	Total/NA	Solid	8015 NM	
880-26533-3	CS-3 (1')	Total/NA	Solid	8015 NM	
880-26533-4	CS-4 (2')	Total/NA	Solid	8015 NM	
880-26533-5	CS-5 (2')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
 SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 50013 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26533-6	CS-6 (2')	Total/NA	Solid	8015 NM	
880-26533-7	CS-7 (2')	Total/NA	Solid	8015 NM	
880-26533-8	CS-8 (2')	Total/NA	Solid	8015 NM	
880-26533-9	CS-9 (2')	Total/NA	Solid	8015 NM	
880-26533-10	CS-10 (2')	Total/NA	Solid	8015 NM	
880-26533-11	CS-11 (2')	Total/NA	Solid	8015 NM	
880-26533-12	CS-12 (2')	Total/NA	Solid	8015 NM	
880-26533-13	CS-13 (2')	Total/NA	Solid	8015 NM	
880-26533-14	CS-14 (2.5')	Total/NA	Solid	8015 NM	
880-26533-15	CS-15 (2.5')	Total/NA	Solid	8015 NM	
880-26533-16	CS-16 (2.5')	Total/NA	Solid	8015 NM	
880-26533-17	CS-17 (2.5')	Total/NA	Solid	8015 NM	
880-26533-18	SW-1 (1')	Total/NA	Solid	8015 NM	
880-26533-19	SW-2 (1')	Total/NA	Solid	8015 NM	
880-26533-20	SW-3 (1')	Total/NA	Solid	8015 NM	
880-26533-21	SW-4 (2')	Total/NA	Solid	8015 NM	
880-26533-22	SW-5 (2')	Total/NA	Solid	8015 NM	
880-26533-23	SW-6 (2')	Total/NA	Solid	8015 NM	
880-26533-24	SW-7 (2')	Total/NA	Solid	8015 NM	
880-26533-25	SW-8 (2')	Total/NA	Solid	8015 NM	
880-26533-26	SW-9 (2.5')	Total/NA	Solid	8015 NM	
880-26533-27	SW-10 (2.5')	Total/NA	Solid	8015 NM	
880-26533-28	SW-11 (2.5')	Total/NA	Solid	8015 NM	
880-26533-29	SW-12 (2.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 49866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26533-1	CS-1 (1')	Soluble	Solid	DI Leach	
880-26533-2	CS-2 (1')	Soluble	Solid	DI Leach	
880-26533-3	CS-3 (1')	Soluble	Solid	DI Leach	
880-26533-4	CS-4 (2')	Soluble	Solid	DI Leach	
880-26533-5	CS-5 (2')	Soluble	Solid	DI Leach	
880-26533-6	CS-6 (2')	Soluble	Solid	DI Leach	
880-26533-7	CS-7 (2')	Soluble	Solid	DI Leach	
880-26533-8	CS-8 (2')	Soluble	Solid	DI Leach	
880-26533-9	CS-9 (2')	Soluble	Solid	DI Leach	
880-26533-10	CS-10 (2')	Soluble	Solid	DI Leach	
880-26533-11	CS-11 (2')	Soluble	Solid	DI Leach	
880-26533-12	CS-12 (2')	Soluble	Solid	DI Leach	
880-26533-13	CS-13 (2')	Soluble	Solid	DI Leach	
880-26533-14	CS-14 (2.5')	Soluble	Solid	DI Leach	
880-26533-15	CS-15 (2.5')	Soluble	Solid	DI Leach	
880-26533-16	CS-16 (2.5')	Soluble	Solid	DI Leach	
MB 880-49866/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-49866/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-49866/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-26533-10 MS	CS-10 (2')	Soluble	Solid	DI Leach	
880-26533-10 MSD	CS-10 (2')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

HPLC/IC

Analysis Batch: 49867

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26533-1	CS-1 (1')	Soluble	Solid	300.0	49866
880-26533-2	CS-2 (1')	Soluble	Solid	300.0	49866
880-26533-3	CS-3 (1')	Soluble	Solid	300.0	49866
880-26533-4	CS-4 (2')	Soluble	Solid	300.0	49866
880-26533-5	CS-5 (2')	Soluble	Solid	300.0	49866
880-26533-6	CS-6 (2')	Soluble	Solid	300.0	49866
880-26533-7	CS-7 (2')	Soluble	Solid	300.0	49866
880-26533-8	CS-8 (2')	Soluble	Solid	300.0	49866
880-26533-9	CS-9 (2')	Soluble	Solid	300.0	49866
880-26533-10	CS-10 (2')	Soluble	Solid	300.0	49866
880-26533-11	CS-11 (2')	Soluble	Solid	300.0	49866
880-26533-12	CS-12 (2')	Soluble	Solid	300.0	49866
880-26533-13	CS-13 (2')	Soluble	Solid	300.0	49866
880-26533-14	CS-14 (2.5')	Soluble	Solid	300.0	49866
880-26533-15	CS-15 (2.5')	Soluble	Solid	300.0	49866
880-26533-16	CS-16 (2.5')	Soluble	Solid	300.0	49866
MB 880-49866/1-A	Method Blank	Soluble	Solid	300.0	49866
LCS 880-49866/2-A	Lab Control Sample	Soluble	Solid	300.0	49866
LCSD 880-49866/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	49866
880-26533-10 MS	CS-10 (2')	Soluble	Solid	300.0	49866
880-26533-10 MSD	CS-10 (2')	Soluble	Solid	300.0	49866

Leach Batch: 49887

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26533-17	CS-17 (2.5')	Soluble	Solid	DI Leach	
880-26533-18	SW-1 (1')	Soluble	Solid	DI Leach	
880-26533-19	SW-2 (1')	Soluble	Solid	DI Leach	
880-26533-20	SW-3 (1')	Soluble	Solid	DI Leach	
880-26533-21	SW-4 (2')	Soluble	Solid	DI Leach	
880-26533-22	SW-5 (2')	Soluble	Solid	DI Leach	
880-26533-23	SW-6 (2')	Soluble	Solid	DI Leach	
880-26533-24	SW-7 (2')	Soluble	Solid	DI Leach	
880-26533-25	SW-8 (2')	Soluble	Solid	DI Leach	
880-26533-26	SW-9 (2.5')	Soluble	Solid	DI Leach	
880-26533-27	SW-10 (2.5')	Soluble	Solid	DI Leach	
880-26533-28	SW-11 (2.5')	Soluble	Solid	DI Leach	
880-26533-29	SW-12 (2.5')	Soluble	Solid	DI Leach	
MB 880-49887/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-49887/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-49887/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-26533-17 MS	CS-17 (2.5')	Soluble	Solid	DI Leach	
880-26533-17 MSD	CS-17 (2.5')	Soluble	Solid	DI Leach	
880-26533-27 MS	SW-10 (2.5')	Soluble	Solid	DI Leach	
880-26533-27 MSD	SW-10 (2.5')	Soluble	Solid	DI Leach	

Analysis Batch: 49901

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26533-17	CS-17 (2.5')	Soluble	Solid	300.0	49887
880-26533-18	SW-1 (1')	Soluble	Solid	300.0	49887
880-26533-19	SW-2 (1')	Soluble	Solid	300.0	49887
880-26533-20	SW-3 (1')	Soluble	Solid	300.0	49887

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-26533-1

Project/Site: Myox 20 State 5H (02.03.23)

SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 49901 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-26533-21	SW-4 (2')	Soluble	Solid	300.0	49887
880-26533-22	SW-5 (2')	Soluble	Solid	300.0	49887
880-26533-23	SW-6 (2')	Soluble	Solid	300.0	49887
880-26533-24	SW-7 (2')	Soluble	Solid	300.0	49887
880-26533-25	SW-8 (2')	Soluble	Solid	300.0	49887
880-26533-26	SW-9 (2.5')	Soluble	Solid	300.0	49887
880-26533-27	SW-10 (2.5')	Soluble	Solid	300.0	49887
880-26533-28	SW-11 (2.5')	Soluble	Solid	300.0	49887
880-26533-29	SW-12 (2.5')	Soluble	Solid	300.0	49887
MB 880-49887/1-A	Method Blank	Soluble	Solid	300.0	49887
LCS 880-49887/2-A	Lab Control Sample	Soluble	Solid	300.0	49887
LCSD 880-49887/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	49887
880-26533-17 MS	CS-17 (2.5')	Soluble	Solid	300.0	49887
880-26533-17 MSD	CS-17 (2.5')	Soluble	Solid	300.0	49887
880-26533-27 MS	SW-10 (2.5')	Soluble	Solid	300.0	49887
880-26533-27 MSD	SW-10 (2.5')	Soluble	Solid	300.0	49887

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-1 (1')

Lab Sample ID: 880-26533-1

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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	49864	03/29/23 15:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49972	03/31/23 07:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50044	03/31/23 12:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			50013	03/31/23 10:55	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49894	03/29/23 16:49	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49910	03/31/23 07:49	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	49866	03/29/23 15:17	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49867	03/29/23 16:40	SMC	EET MID

Client Sample ID: CS-2 (1')

Lab Sample ID: 880-26533-2

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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	49864	03/29/23 15:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49972	03/31/23 08:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50044	03/31/23 12:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			50013	03/31/23 11:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	49895	03/29/23 16:54	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49908	03/30/23 23:44	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	49866	03/29/23 15:17	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49867	03/29/23 16:45	SMC	EET MID

Client Sample ID: CS-3 (1')

Lab Sample ID: 880-26533-3

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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	49864	03/29/23 15:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49972	03/31/23 08:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50044	03/31/23 12:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			50013	03/31/23 11:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49895	03/29/23 16:54	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49908	03/31/23 00:50	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	49866	03/29/23 15:17	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49867	03/29/23 16:50	SMC	EET MID

Client Sample ID: CS-4 (2')

Lab Sample ID: 880-26533-4

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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	49864	03/29/23 15:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49972	03/31/23 09:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50044	03/31/23 12:48	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-4 (2')

Lab Sample ID: 880-26533-4

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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			50013	03/31/23 11:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49895	03/29/23 16:54	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49908	03/31/23 01:12	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	49866	03/29/23 15:17	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49867	03/29/23 16:55	SMC	EET MID

Client Sample ID: CS-5 (2')

Lab Sample ID: 880-26533-5

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	49864	03/29/23 15:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49972	03/31/23 09:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50044	03/31/23 12:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			50013	03/31/23 11:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49895	03/29/23 16:54	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49908	03/31/23 01:34	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	49866	03/29/23 15:17	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49867	03/29/23 17:09	SMC	EET MID

Client Sample ID: CS-6 (2')

Lab Sample ID: 880-26533-6

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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	49864	03/29/23 15:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49972	03/31/23 10:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50044	03/31/23 12:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			50013	03/31/23 11:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49895	03/29/23 16:54	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49908	03/31/23 01:56	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	49866	03/29/23 15:17	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49867	03/29/23 17:14	SMC	EET MID

Client Sample ID: CS-7 (2')

Lab Sample ID: 880-26533-7

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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	49864	03/29/23 15:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49972	03/31/23 10:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50044	03/31/23 12:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			50013	03/31/23 11:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	49895	03/29/23 16:54	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49908	03/31/23 02:18	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-7 (2')

Lab Sample ID: 880-26533-7

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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	49866	03/29/23 15:17	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49867	03/29/23 17:19	SMC	EET MID

Client Sample ID: CS-8 (2')

Lab Sample ID: 880-26533-8

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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	49864	03/29/23 15:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49972	03/31/23 11:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50044	03/31/23 12:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			50013	03/31/23 11:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49895	03/29/23 16:54	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49908	03/31/23 02:40	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	49866	03/29/23 15:17	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49867	03/29/23 17:24	SMC	EET MID

Client Sample ID: CS-9 (2')

Lab Sample ID: 880-26533-9

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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	49864	03/29/23 15:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49972	03/31/23 11:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50044	03/31/23 12:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			50013	03/31/23 11:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49895	03/29/23 16:54	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49908	03/31/23 03:02	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	49866	03/29/23 15:17	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49867	03/29/23 17:28	SMC	EET MID

Client Sample ID: CS-10 (2')

Lab Sample ID: 880-26533-10

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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	49864	03/29/23 15:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49972	03/31/23 12:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50044	03/31/23 12:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			50013	03/31/23 11:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49895	03/29/23 16:54	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49908	03/31/23 03:24	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	49866	03/29/23 15:17	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49867	03/29/23 17:33	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-11 (2')

Lab Sample ID: 880-26533-11

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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	49864	03/29/23 15:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49972	03/31/23 13:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50044	04/03/23 16:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			50013	03/31/23 11:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49895	03/29/23 16:54	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49908	03/31/23 03:46	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	49866	03/29/23 15:17	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49867	03/29/23 17:48	SMC	EET MID

Client Sample ID: CS-12 (2')

Lab Sample ID: 880-26533-12

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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	49864	03/29/23 15:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49972	03/31/23 14:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50044	04/03/23 16:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			50013	03/31/23 11:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49895	03/29/23 16:54	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49908	03/31/23 04:30	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	49866	03/29/23 15:17	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49867	03/29/23 17:52	SMC	EET MID

Client Sample ID: CS-13 (2')

Lab Sample ID: 880-26533-13

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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	49864	03/29/23 15:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49972	03/31/23 14:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50044	04/03/23 16:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			50013	03/31/23 11:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49895	03/29/23 16:54	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49908	03/31/23 04:52	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	49866	03/29/23 15:17	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49867	03/29/23 18:07	SMC	EET MID

Client Sample ID: CS-14 (2.5')

Lab Sample ID: 880-26533-14

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	49864	03/29/23 15:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49972	03/31/23 15:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50044	04/03/23 16:57	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-14 (2.5')

Date Collected: 03/28/23 00:00

Date Received: 03/29/23 14:19

Lab Sample ID: 880-26533-14

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			50013	03/31/23 11:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49895	03/29/23 16:54	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49908	03/31/23 05:15	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	49866	03/29/23 15:17	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49867	03/29/23 18:12	SMC	EET MID

Client Sample ID: CS-15 (2.5')

Date Collected: 03/28/23 00:00

Date Received: 03/29/23 14:19

Lab Sample ID: 880-26533-15

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			5.03 g	5 mL	49864	03/29/23 15:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49972	03/31/23 15:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50044	04/03/23 16:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			50013	03/31/23 11:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49895	03/29/23 16:54	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49908	03/31/23 05:37	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	49866	03/29/23 15:17	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49867	03/29/23 18:17	SMC	EET MID

Client Sample ID: CS-16 (2.5')

Date Collected: 03/28/23 00:00

Date Received: 03/29/23 14:19

Lab Sample ID: 880-26533-16

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	49864	03/29/23 15:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49972	03/31/23 15:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50044	04/03/23 16:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			50013	03/31/23 11:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.031 g	10 mL	49895	03/29/23 16:54	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49908	03/31/23 05:59	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	49866	03/29/23 15:17	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49867	03/29/23 18:21	SMC	EET MID

Client Sample ID: CS-17 (2.5')

Date Collected: 03/28/23 00:00

Date Received: 03/29/23 14:19

Lab Sample ID: 880-26533-17

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	49864	03/29/23 15:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49972	03/31/23 16:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50044	04/03/23 16:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			50013	03/31/23 11:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49895	03/29/23 16:54	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49908	03/31/23 06:21	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-17 (2.5')

Date Collected: 03/28/23 00:00

Date Received: 03/29/23 14:19

Lab Sample ID: 880-26533-17

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			5.01 g	50 mL	49887	03/29/23 16:28	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49901	03/29/23 18:53	SMC	EET MID

Client Sample ID: SW-1 (1')

Date Collected: 03/28/23 00:00

Date Received: 03/29/23 14:19

Lab Sample ID: 880-26533-18

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			5.05 g	5 mL	49864	03/29/23 15:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49972	03/31/23 16:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50044	04/03/23 16:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			50013	03/31/23 11:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49895	03/29/23 16:54	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49908	03/31/23 06:42	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	49887	03/29/23 16:28	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49901	03/29/23 19:07	SMC	EET MID

Client Sample ID: SW-2 (1')

Date Collected: 03/28/23 00:00

Date Received: 03/29/23 14:19

Lab Sample ID: 880-26533-19

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			5.03 g	5 mL	49864	03/29/23 15:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49972	03/31/23 17:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50044	04/03/23 16:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			50013	03/31/23 11:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	49895	03/29/23 16:54	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49908	03/31/23 07:05	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	49887	03/29/23 16:28	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49901	03/29/23 19:11	SMC	EET MID

Client Sample ID: SW-3 (1')

Date Collected: 03/28/23 00:00

Date Received: 03/29/23 14:19

Lab Sample ID: 880-26533-20

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			5.01 g	5 mL	49864	03/29/23 15:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49972	03/31/23 17:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50044	04/03/23 16:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			50013	03/31/23 11:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49895	03/29/23 16:54	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49908	03/31/23 07:27	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	49887	03/29/23 16:28	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49901	03/29/23 19:16	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-4 (2')

Lab Sample ID: 880-26533-21

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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	49865	03/29/23 15:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	50102	04/03/23 03:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50044	04/03/23 15:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			50013	03/31/23 11:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49895	03/29/23 16:54	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49908	03/31/23 07:49	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	49887	03/29/23 16:28	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49901	03/29/23 19:20	SMC	EET MID

Client Sample ID: SW-5 (2')

Lab Sample ID: 880-26533-22

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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	49868	03/29/23 15:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49998	04/01/23 16:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50044	04/03/23 16:27	SM	EET MID
Total/NA	Analysis	8015 NM		1			50013	03/31/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	49948	03/30/23 13:05	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49914	03/30/23 21:08	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	49887	03/29/23 16:28	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49901	03/29/23 19:34	SMC	EET MID

Client Sample ID: SW-6 (2')

Lab Sample ID: 880-26533-23

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	49868	03/29/23 15:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49998	04/01/23 16:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50044	04/03/23 16:27	SM	EET MID
Total/NA	Analysis	8015 NM		1			50013	03/31/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49948	03/30/23 13:05	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49914	03/30/23 22:14	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	49887	03/29/23 16:28	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49901	03/29/23 19:39	SMC	EET MID

Client Sample ID: SW-7 (2')

Lab Sample ID: 880-26533-24

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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	49868	03/29/23 15:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49998	04/01/23 17:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50044	04/03/23 16:27	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-7 (2')

Lab Sample ID: 880-26533-24

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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			50013	03/31/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49948	03/30/23 13:05	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49914	03/30/23 22:36	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	49887	03/29/23 16:28	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49901	03/29/23 19:43	SMC	EET MID

Client Sample ID: SW-8 (2')

Lab Sample ID: 880-26533-25

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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	49868	03/29/23 15:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49998	04/01/23 17:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50044	04/03/23 16:27	SM	EET MID
Total/NA	Analysis	8015 NM		1			50013	03/31/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49948	03/30/23 13:05	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49914	03/30/23 22:57	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	49887	03/29/23 16:28	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49901	03/29/23 19:48	SMC	EET MID

Client Sample ID: SW-9 (2.5')

Lab Sample ID: 880-26533-26

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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	49868	03/29/23 15:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49998	04/01/23 17:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50044	04/03/23 16:27	SM	EET MID
Total/NA	Analysis	8015 NM		1			50013	03/31/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49948	03/30/23 13:05	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49914	03/30/23 23:19	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	49887	03/29/23 16:28	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49901	03/29/23 19:52	SMC	EET MID

Client Sample ID: SW-10 (2.5')

Lab Sample ID: 880-26533-27

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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	49868	03/29/23 15:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49998	04/01/23 18:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50044	04/03/23 16:27	SM	EET MID
Total/NA	Analysis	8015 NM		1			50013	03/31/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	49948	03/30/23 13:05	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49914	03/30/23 23:40	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-10 (2.5')

Lab Sample ID: 880-26533-27

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	49887	03/29/23 16:28	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49901	03/29/23 19:57	SMC	EET MID

Client Sample ID: SW-11 (2.5')

Lab Sample ID: 880-26533-28

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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	49868	03/29/23 15:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49998	04/01/23 18:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50044	04/03/23 16:27	SM	EET MID
Total/NA	Analysis	8015 NM		1			50013	03/31/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	49948	03/30/23 13:05	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49914	03/31/23 00:02	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	49887	03/29/23 16:28	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49901	03/29/23 20:11	SMC	EET MID

Client Sample ID: SW-12 (2.5')

Lab Sample ID: 880-26533-29

Date Collected: 03/28/23 00:00

Matrix: Solid

Date Received: 03/29/23 14:19

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	49868	03/29/23 15:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49998	04/01/23 19:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			50044	04/03/23 16:27	SM	EET MID
Total/NA	Analysis	8015 NM		1			50013	03/31/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	49948	03/30/23 13:05	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	49914	03/31/23 00:23	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	49887	03/29/23 16:28	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49901	03/29/23 20:15	SMC	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: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	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
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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- 2
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Method Summary

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy 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	EPA	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

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Myox 20 State 5H (02.03.23)

Job ID: 880-26533-1
SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-26533-1	CS-1 (1')	Solid	03/28/23 00:00	03/29/23 14:19
880-26533-2	CS-2 (1')	Solid	03/28/23 00:00	03/29/23 14:19
880-26533-3	CS-3 (1')	Solid	03/28/23 00:00	03/29/23 14:19
880-26533-4	CS-4 (2')	Solid	03/28/23 00:00	03/29/23 14:19
880-26533-5	CS-5 (2')	Solid	03/28/23 00:00	03/29/23 14:19
880-26533-6	CS-6 (2')	Solid	03/28/23 00:00	03/29/23 14:19
880-26533-7	CS-7 (2')	Solid	03/28/23 00:00	03/29/23 14:19
880-26533-8	CS-8 (2')	Solid	03/28/23 00:00	03/29/23 14:19
880-26533-9	CS-9 (2')	Solid	03/28/23 00:00	03/29/23 14:19
880-26533-10	CS-10 (2')	Solid	03/28/23 00:00	03/29/23 14:19
880-26533-11	CS-11 (2')	Solid	03/28/23 00:00	03/29/23 14:19
880-26533-12	CS-12 (2')	Solid	03/28/23 00:00	03/29/23 14:19
880-26533-13	CS-13 (2')	Solid	03/28/23 00:00	03/29/23 14:19
880-26533-14	CS-14 (2.5')	Solid	03/28/23 00:00	03/29/23 14:19
880-26533-15	CS-15 (2.5')	Solid	03/28/23 00:00	03/29/23 14:19
880-26533-16	CS-16 (2.5')	Solid	03/28/23 00:00	03/29/23 14:19
880-26533-17	CS-17 (2.5')	Solid	03/28/23 00:00	03/29/23 14:19
880-26533-18	SW-1 (1')	Solid	03/28/23 00:00	03/29/23 14:19
880-26533-19	SW-2 (1')	Solid	03/28/23 00:00	03/29/23 14:19
880-26533-20	SW-3 (1')	Solid	03/28/23 00:00	03/29/23 14:19
880-26533-21	SW-4 (2')	Solid	03/28/23 00:00	03/29/23 14:19
880-26533-22	SW-5 (2')	Solid	03/28/23 00:00	03/29/23 14:19
880-26533-23	SW-6 (2')	Solid	03/28/23 00:00	03/29/23 14:19
880-26533-24	SW-7 (2')	Solid	03/28/23 00:00	03/29/23 14:19
880-26533-25	SW-8 (2')	Solid	03/28/23 00:00	03/29/23 14:19
880-26533-26	SW-9 (2.5')	Solid	03/28/23 00:00	03/29/23 14:19
880-26533-27	SW-10 (2.5')	Solid	03/28/23 00:00	03/29/23 14:19
880-26533-28	SW-11 (2.5')	Solid	03/28/23 00:00	03/29/23 14:19
880-26533-29	SW-12 (2.5')	Solid	03/28/23 00:00	03/29/23 14:19

Project Manager		Conner Moehring		Bill to: (if different)		Carmona Resources	
Company Name		Carmona Resources		Company Name			
Address		310 W Wall St Ste 415		Address.			
City, State ZIP		Midland, TX 79701		City, State ZIP			
Phone		432-813-6823		Email		mcarmona@carmonareresources.com	

Project Name.		Mox 20 State 5H (02 03 23)		Turn Around		Free Code		ANALYSIS REQUEST												Preservative Codes			
Project Number		1236		☐ Routine ☒ Rush																		None NO DI Water H ₂ O Cool Cool MeOH Me HCL HC HNO ₃ HN H ₂ SO ₄ H ₂ NaOH Na H ₃ PO ₄ HP NaHSO ₄ , NABIS Na ₂ S ₂ O ₃ , NaSO ₃ Zn Acetate+NaOH Zn NaOH+Ascorbic Acid SAPC	
Project Location		Eddy County, New Mexico		Due Date		24 Hrs																	
Sampler's Name		CCM																					
PO #																							
SAMPLE RECEIPT		Temp Blank.		Yes No		Wet Ice.		Yes No															
Received Intact:		(Yes) No		Thermometer ID																			
Cooler Custody Seals:		Yes No		Correction Factor																			
Sample Custody Seals		Yes No		Temperature Reading.																			
Total Containers.				Corrected Temperature.																			

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters												Sample Comments	
CS-1 (1')	3/28/2023		X		Comp	1	BTX 8021B												402	
CS-2 (1')	3/28/2023		X		Comp	1	TPH 8015M (GRO + DRO + MRO)													
CS-3 (1')	3/28/2023		X		Comp	1	Chloride 300.0													
CS-4 (2')	3/28/2023		X		Comp	1														
CS-5 (2')	3/28/2023		X		Comp	1														
CS-6 (2')	3/28/2023		X		Comp	1														
CS-7 (2')	3/28/2023		X		Comp	1														
CS-8 (2')	3/28/2023		X		Comp	1														
CS-9 (2')	3/28/2023		X		Comp	1														
CS-10 (2')	3/28/2023		X		Comp	1														

Comments: Email to Mike Carmona / mcarmona@carmonareresources.com and Conner Moehring / cmoehring@carmonareresources.com

Relinquished by (Signature) _____ Date/Time 3-29-23 1415

Received by (Signature) _____ Date/Time _____

Barcode: 880-26533 Chain of Custody

Work Order Comments

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

State of Project: Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADAPT ☐ Other

Project Manager		Conner Moehring		Bill to: (if different)		Carmona Resources														
Company Name		Carmona Resources		Company Name																
Address		310 W Wall St Ste 415		Address																
City, State ZIP		Midland, TX 79701		City, State ZIP																
Phone		432-813-6823		Email		mcarmona@carmonaresources.com														
Project Name		Myox 20 State 5H (02 03 23)		Turn Around		Fast Code														
Project Number		1236		☐ Routine ☒ Rush																
Project Location		Eddy County, New Mexico		Due Date		24 Hrs														
Sampler's Name		CCM																		
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																
Sample Identification		Date		Time		Soil		Water		Grab/ Comp		# of Cont		Parameters						
CS-11 (2')		3/28/2023				X		X		X		X		BTX 8021B						
CS-12 (2')		3/28/2023				X		X		X		X		TPH 8015M (GRO + DRO + MRO)						
CS-13 (2')		3/28/2023				X		X		X		X		Chloride 300.0						
CS-14 (2.5')		3/28/2023				X		X		X		X								
CS-15 (2.5')		3/28/2023				X		X		X		X								
CS-16 (2.5')		3/28/2023				X		X		X		X								
CS-17 (2.5')		3/28/2023				X		X		X		X								
SW-1 (1')		3/28/2023				X		X		X		X								
SW-2 (1')		3/28/2023				X		X		X		X								
SW-3 (1')		3/28/2023				X		X		X		X								
Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com																				
Relinquished by (Signature)															Date/Time		Received by (Signature)		Date/Time	
															3-29-23					
															1419					

Work Order No: 20533

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Work Order No: 26533

Page 3 of 3

Project Manager	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name	Carmona Resources	Company Name	
Address	310 W Wall St Ste 415	Address	
City, State ZIP	Midland, TX 79701	City, State ZIP	
Phone	432-813-6823	Email	mcarmona@carmonaresources.com

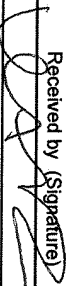
Work Order Comments			
Program: UST/PST	☐ PRP	☐ Brownfields	☐ RRC
State of Project:			
Reporting Level II	☐ Level III	☐ ST/UST	☐ RRP
Deliverables	EDD	☐ ADAPT	☐ Other

Project Name	Myox 20 State 5H (02 03 23)	Turn Around	☐ Routine	☒ Rush	24 Hrs
Project Number	1236	Due Date			
Project Location	Eddy County, New Mexico	Sample's Name	CCM		
PO #:		Temp Blank	Yes	No	Wet Ice
SAMPLE RECEIPT	Received Intact:	Thermometer ID	Yes	No	
	Cooler Custody Seals:	Correction Factor	Yes	No	
	Sample Custody Seals:	Temperature Reading	Yes	No	
	Total Containers:	Corrected Temperature:			

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters
SW- 4 (2)	3/28/2023		X		Comp	1	BTEX 8021B
SW- 5 (2)	3/28/2023		X		Comp	1	TPH 8015M (GRO + DRO + MRO)
SW- 6 (2)	3/28/2023		X		Comp	1	Chloride 300.0
SW- 7 (2)	3/28/2023		X		Comp	1	
SW- 8 (2)	3/28/2023		X		Comp	1	
SW- 9 (2 5)	3/28/2023		X		Comp	1	
SW- 10 (2 5)	3/28/2023		X		Comp	1	
SW- 11 (2 5)	3/28/2023		X		Comp	1	
SW- 12 (2 5)	3/28/2023		X		Comp	1	

Sample Comments	Loc: 880 26533
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Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	3-29-23 1419		

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-26533-1

SDG Number: Eddy County, New Mexico

Login Number: 26533

List Number: 1

List Source: Eurofins Midland

Creator: Rodriguez, Leticia

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

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 207308

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 207308
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2304554912 MYOX 20 FEDERAL COM 005H, thank you. This closure is approved.	8/31/2023