

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: Jacques Harimon Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: 04/10/2023

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: 8/25/2023

Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

CARMONA RESOURCES



SITE INFORMATION

Closure Report
Myox 20 Fed Com 005H (1.13.23)
Incident #NAPP2303243459
Eddy County, New Mexico
Unit B Sec 20 T25S R28E
32.1212°, -104.1076°

Crude Oil Release
Point of Release: Back Pressure Valve Failure
Release Date: 1.13.23
Volume Released: 0.3 barrels of Crude Oil
Volume Recovered: 0 barrels of Crude Oil

CARMONA RESOURCES



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

Prepared by:
Carmona Resources, LLC
310 West Wall Street
Suite 500
Midland, Texas 79701

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

April 3, 2023

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

**Re: Closure Report
Myox 20 Fed Com 005H (1.13.23)
Concho Operating, LLC
Site Location: Unit B, S20, T25S, R28E
(Lat 32.1212°, Long -104.1076°)
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 Myox 20 Fed Com 005H (1.13.23). The site is located at 32.1212°, -104.1076° 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 January 13, 2023, due to a back pressure valve failure resulting in the FWKO pushing oil out the flare, resulting in a flare fire and a light mist on the pad and in the pasture. It released approximately zero-point-three (0.3) barrels of crude oil, and zero (0) barrels were recovered. The impacted area occurred on 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, two (2) known water sources are within a 0.50-mile radius of the location. The nearest identified well is approximately 0.44 miles South of the site in S20, T25S, R28E and was drilled in 1998. The well has a reported depth to groundwater of 63.89' feet below the ground surface (ft bgs). The next identified well within the 0.50 mile well is approximately 0.46 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 criteria were utilized in assessing the site.

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



4.0 Site Assessment Activities

On January 30, 2023, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. To assess the vertical and horizontal extent, two (2) sample points (S-1 through S-2) and six (6) horizontal points (H-1 through H-6) were advanced to depths ranging from the surface to 18" 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.

All samples were below the established regulatory criteria for TPH, BTEX, and chloride. See Table 1 for the analytical results.

5.0 Conclusions

No further actions are required based on the analytical data from the site assessment. 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

Ashton Thielke
Sr. Project Manager

Conner Moehring
Sr. Project Manager

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APPENDIX C	INITIAL AND FINAL C-141
APPENDIX D	SITE CHARACTERIZATION AND GROUNDWATER
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CARMONA RESOURCES



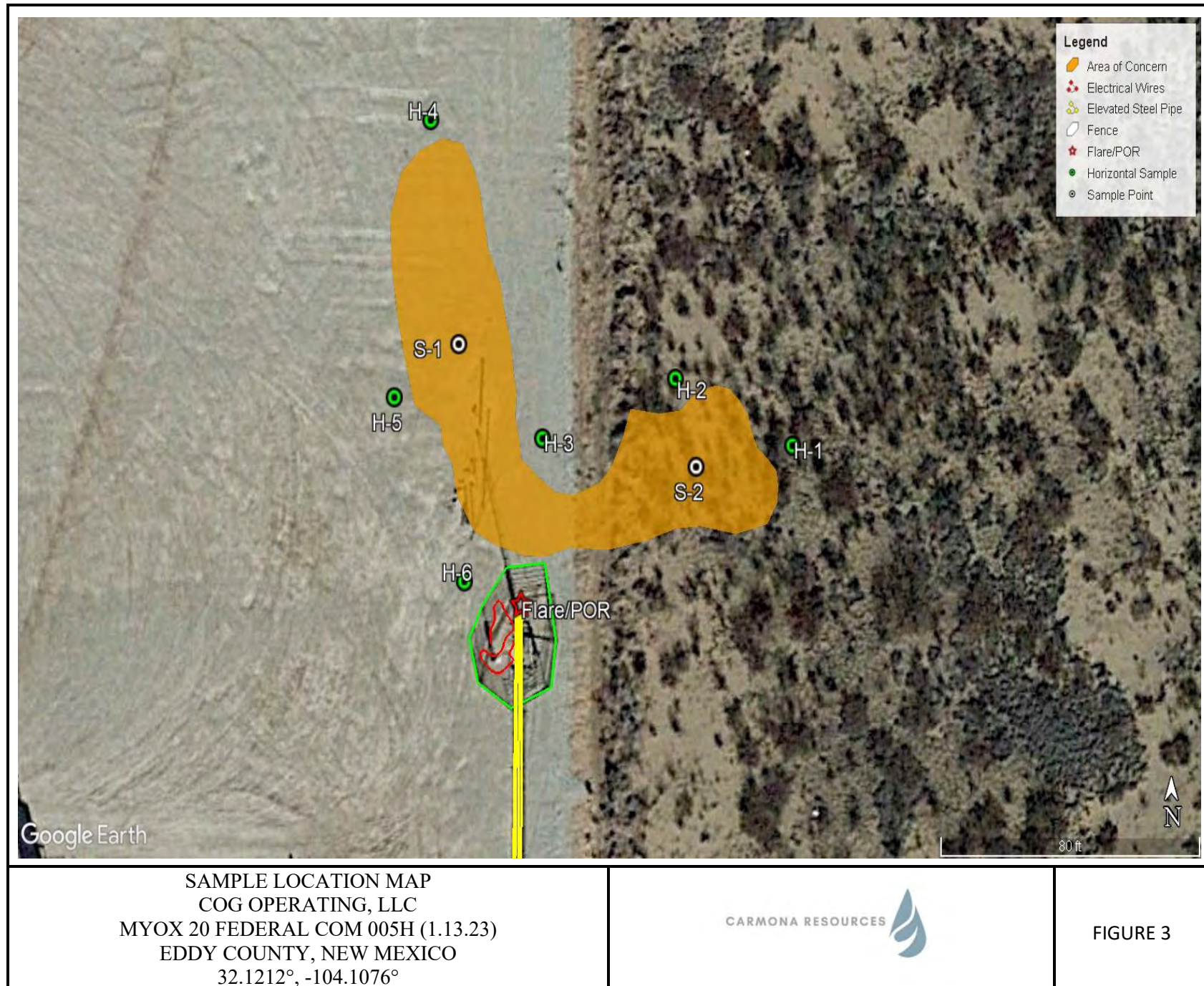




TOPOGRAPHIC MAP
COG OPERATING, LLC
MYOX 20 FEDERAL COM 005H (1.13.23)
EDDY COUNTY, NEW MEXICO
32.1212°, -104.1076°



FIGURE 3



APPENDIX A

CARMONA RESOURCES



Table 1
Conoco Phillips
Myox 20 State 5H (1.13.23)
Eddy County, New Mexico

Sample ID	Date	Depth (In)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-1	1/30/2023	0-3	<50.0	83.3	<50.0	83.3	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<5.05
	"	2.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<4.97
	"	3.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.05
	"	4.0	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	12.0
	"	5.0	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<5.00
	"	6.0	<49.9	78.4	<49.9	78.4	<0.00199	<0.00199	<0.00199	0.00558	0.00558	<5.00
	"	12.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<4.99
	"	18.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<4.95
S-2	1/30/2023	0-3	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<4.95
	"	2.0	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<4.97
	"	6.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	86.9
	"	12.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	8.64
	"	18.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<5.00
H-1	1/30/2023	0-6	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<5.01
H-2	1/30/2023	0-6	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<5.00
H-3	1/30/2023	0-6	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.02
H-4	1/30/2023	0-6	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	20.2
H-5	1/30/2023	0-6	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	13.2
H-6	1/30/2023	0-6	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.00
Regulatory Criteria^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

In - inches

(H) - Horizontal

(S) - Sample Points

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Concho Operating, LLC

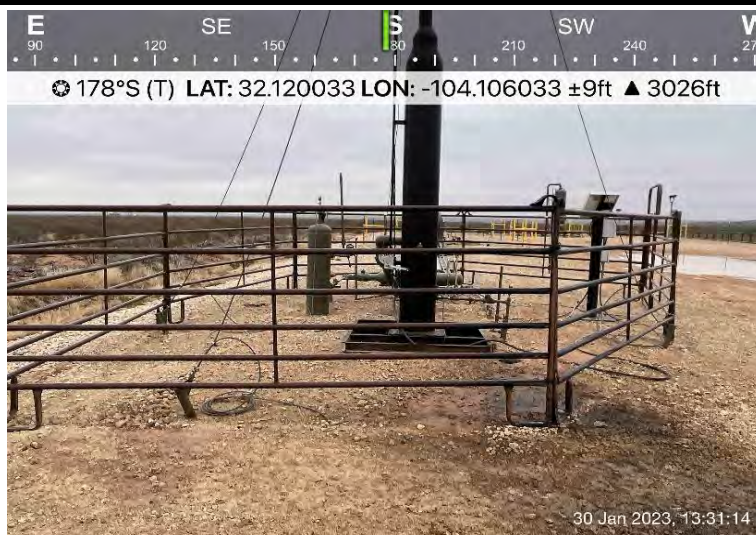
Photograph No. 1

Facility: Myox 20 Fed Com 5H (1.13.23)

County: Eddy County, New Mexico

Description:

View South, area of the point of release.



Photograph No. 2

Facility: Myox 20 Fed Com 5H (1.13.23)

County: Eddy County, New Mexico

Description:

View North, area of the point of release.



Photograph No. 3

Facility: Myox 20 Fed Com 5H (1.13.23)

County: Eddy County, New Mexico

Description:

View Southeast, area of Soil Samples (1-2).

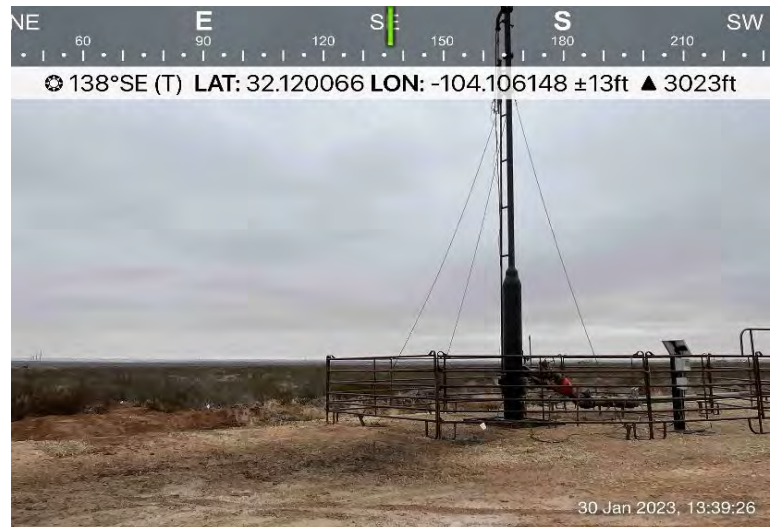


PHOTOGRAPHIC LOG**Concho Operating, LLC****Photograph No. 4****Facility:** Myox 20 Fed Com 5H (1.13.23)**County:** Eddy County, New Mexico**Description:**

View East, area of Soil Samples (1-2).

**Photograph No. 5****Facility:** Myox 20 Fed Com 5H (1.13.23)**County:** Eddy County, New Mexico**Description:**

View Southeast, area of Soil Samples (1-2).



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

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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

Initial Response

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

☐ The source of the release has been stopped.	
☐ The impacted area has been secured to protect human health and the environment.	
☐ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
☐ All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <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>Patricia Espinoza</u>	Date: _____
email: _____	Telephone: _____
<u>OCD Only</u>	
Received by: _____	Date: _____

Received by OGD: 4/10/2023 8:55:50 AM into a series of rectangles						Total Estimated Page 18 of 92 Volume of Spill (bbl.)
	Width (ft.)	Depth (in.)	Soil Spilled-Fluid Saturation	Estimated volume of each area (bbl.)		
Released to Imaging: 8/25/2023 11:20:45 AM	5.0	0.50	10.50%	0.185		0.019
Rectangle B	6.0	0.50	10.50%	0.178		0.019

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

Incident ID	
District RP	
Facility ID	
Application ID	

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Printed Name: _____ Title: _____

Signature: Jacques Harimon Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: 04/10/2023

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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Printed Name: _____ Title: _____

Signature: Jacques Harimon Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: 04/10/2023

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: _____

APPENDIX D

CARMONA RESOURCES

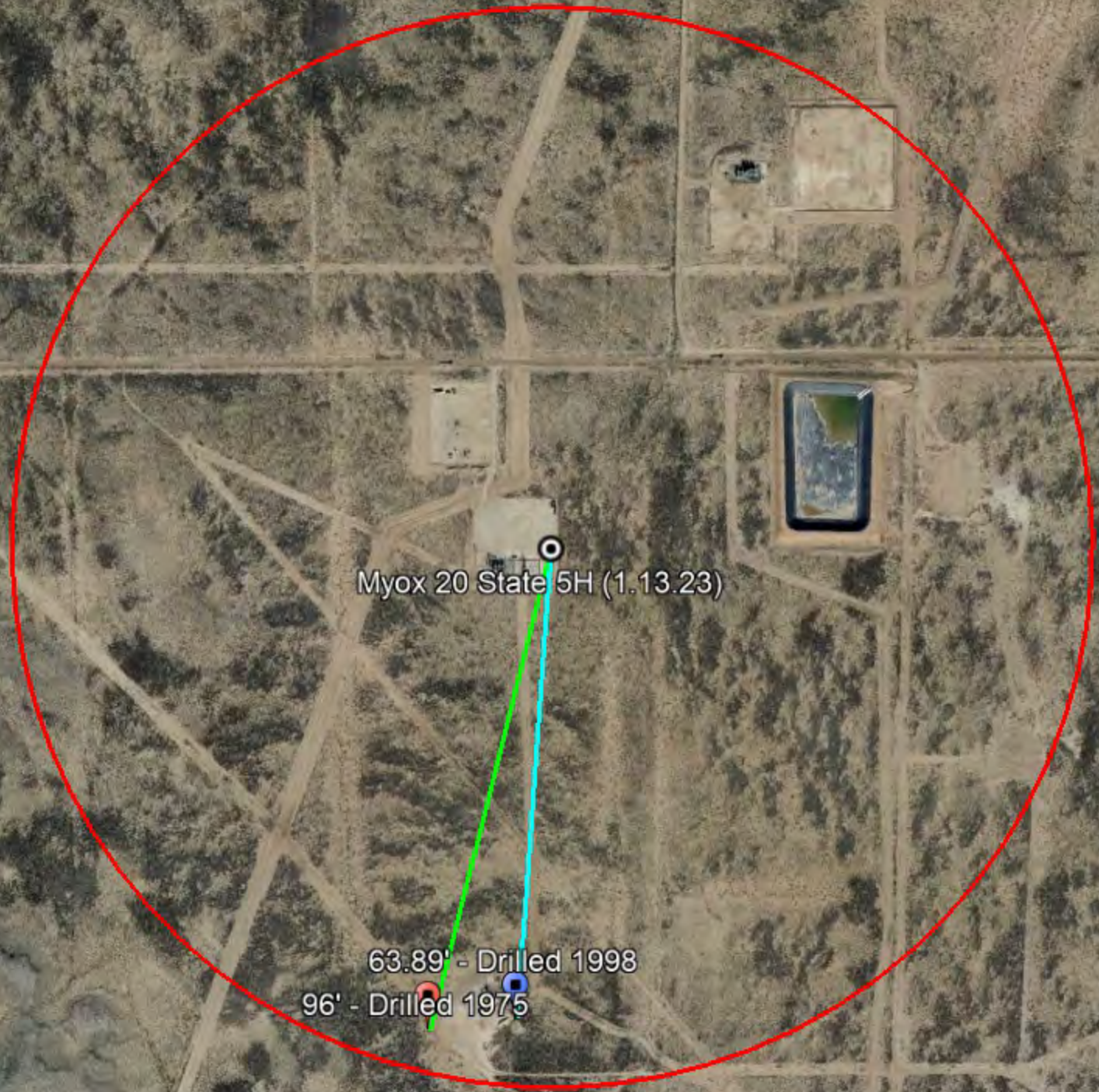


Nearest water well

EOG Resources

Legend

- 0.44 Miles
- 0.46 Miles
- 0.50 Mile Radius
- Myox 20 State 5H (1.13.23)



Medium Karst

COG Operating

Legend

-  High
-  Medium
-  Myox 20 State 5H (1.13.23)

Myox 20 State 5H (1.13.23)





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		744	176	96	80	
C 03836 POD1	C	ED		2	2	4	29	25S	28E	584682	3551934		2177	300	30	270	
C 03861 POD1	C	ED		4	2	3	18	25S	28E	582266	3554864		2206	91	63	28	
C 01522	C	ED					1	22	25S	28E	586843	3554004*		2515	150		
C 01278	C	ED		4	3		28	25S	28E	585470	3551338*		2972	205	90	115	
C 03938 POD1	CUB	ED		2	2	2	25	25S	27E	581482	3552616		3202	21	12	9	
C 02668	C	ED		2	1	2	09	25S	28E	585890	3557525*		3780	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): 584328.86

Northing (Y): 3554082.28

Radius: 4000

*UTM location was derived from PLSS - see Help

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

2/23/23 8:09 AM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER



USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category:Groundwater

Geographic Area:New Mexico

GO

Click to hideNews Bulletins

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

Groundwater levels for New Mexico

Click to hide state-specific text

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

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?](https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?site_no=320649104062401&agency_cd=USGS&format=html)

Page Contact Information: [New Mexico Water Data Maintainer](#)

Page Last Modified: 2023-02-23 10:16:47 EST

0.28 0.24 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
									
x									
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	
x									
Water Bearing Stratifications:				Top	Bottom	Description			
				96	176	Sandstone/Gravel/Conglomerate			
x									
Casing Perforations:				Top	Bottom				
				156	176				
x									

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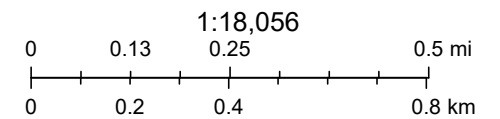
2/23/23 8:15 AM

POINT OF DIVERSION SUMMARY

New Mexico NFHL Data



February 23, 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

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/6/2023 2:27:54 PM

JOB DESCRIPTION

Myox 20 State 5H (1.13.23)
SDG NUMBER Eddy County, New Mexico

JOB NUMBER

880-24222-1

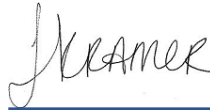
Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

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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2/6/2023 2:27:54 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 (1.13.23)

Laboratory Job ID: 880-24222-1
SDG: Eddy County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Myox 20 State 5H (1.13.23)

Job ID: 880-24222-1
SDG: Eddy County, New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery 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
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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 (1.13.23)

Job ID: 880-24222-1
SDG: Eddy County, New Mexico

Job ID: 880-24222-1

Laboratory: Eurofins Midland

Narrative

**Job Narrative
880-24222-1**

Receipt

The samples were received on 1/31/2023 1:30 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 0.3°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: H-1 (0-0.5') (880-24222-1), H-2 (0-0.5') (880-24222-2), H-3 (0-0.5') (880-24222-3), H-4 (0-0.5') (880-24222-4), H-5 (0-0.5') (880-24222-5) and H-6 (0-0.5') (880-24222-6).

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-45405 and analytical batch 880-45525 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.

Method 8021B: Surrogate recovery for the following samples were outside control limits: H-6 (0-0.5') (880-24222-6), (LCSD 880-45530/2-A) and (890-3981-A-1-J). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: LCSD biased low. Since only an acceptable LCS is required per the method, the data has been qualified and reported. (LCSD 880-45530/2-A)

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-45530 and analytical batch 880-45523 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.

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

GC Semi VOA

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-45236 and analytical batch 880-45226 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.

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

HPLC/IC

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

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (1.13.23)

Job ID: 880-24222-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-24222-1

Date Collected: 01/30/23 00:00

Matrix: Solid

Date Received: 01/31/23 13:30

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		02/03/23 14:50	02/06/23 08:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/03/23 14:50	02/06/23 08:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/03/23 14:50	02/06/23 08:23	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/03/23 14:50	02/06/23 08:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/03/23 14:50	02/06/23 08:23	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/03/23 14:50	02/06/23 08:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	02/03/23 14:50	02/06/23 08:23	1
1,4-Difluorobenzene (Surr)	111		70 - 130	02/03/23 14:50	02/06/23 08:23	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			02/06/23 11:54	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			02/02/23 14:54	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	49.9		mg/Kg		02/02/23 09:26	02/02/23 13:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/02/23 09:26	02/02/23 13:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/02/23 09:26	02/02/23 13:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130	02/02/23 09:26	02/02/23 13:48	1
o-Terphenyl	106		70 - 130	02/02/23 09:26	02/02/23 13:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.01	U	5.01		mg/Kg			01/31/23 23:14	1

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

Lab Sample ID: 880-24222-2

Date Collected: 01/30/23 00:00

Matrix: Solid

Date Received: 01/31/23 13:30

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		02/03/23 14:50	02/06/23 08:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/03/23 14:50	02/06/23 08:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/03/23 14:50	02/06/23 08:44	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/03/23 14:50	02/06/23 08:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/03/23 14:50	02/06/23 08:44	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/03/23 14:50	02/06/23 08:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	02/03/23 14:50	02/06/23 08:44	1
1,4-Difluorobenzene (Surr)	112		70 - 130	02/03/23 14:50	02/06/23 08:44	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (1.13.23)

Job ID: 880-24222-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-24222-2

Date Collected: 01/30/23 00:00

Matrix: Solid

Date Received: 01/31/23 13:30

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			02/06/23 11:54	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			02/02/23 14:54	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	49.9		mg/Kg		02/02/23 09:26	02/02/23 14:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/02/23 09:26	02/02/23 14:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/02/23 09:26	02/02/23 14:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				02/02/23 09:26	02/02/23 14:11	1
o-Terphenyl	104		70 - 130				02/02/23 09:26	02/02/23 14:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/31/23 23:20	1

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

Lab Sample ID: 880-24222-3

Date Collected: 01/30/23 00:00

Matrix: Solid

Date Received: 01/31/23 13:30

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		02/03/23 14:50	02/06/23 09:04	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/03/23 14:50	02/06/23 09:04	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/03/23 14:50	02/06/23 09:04	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/03/23 14:50	02/06/23 09:04	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/03/23 14:50	02/06/23 09:04	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/03/23 14:50	02/06/23 09:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				02/03/23 14:50	02/06/23 09:04	1
1,4-Difluorobenzene (Surr)	113		70 - 130				02/03/23 14:50	02/06/23 09:04	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			02/06/23 11:54	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			02/03/23 11:29	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		02/02/23 09:26	02/02/23 18:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/02/23 09:26	02/02/23 18:53	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (1.13.23)

Job ID: 880-24222-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-24222-3

Date Collected: 01/30/23 00:00

Matrix: Solid

Date Received: 01/31/23 13:30

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		02/02/23 09:26	02/02/23 18:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				02/02/23 09:26	02/02/23 18:53	1
o-Terphenyl	104		70 - 130				02/02/23 09:26	02/02/23 18:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.02	U	5.02		mg/Kg			01/31/23 23:26	1

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

Lab Sample ID: 880-24222-4

Date Collected: 01/30/23 00:00

Matrix: Solid

Date Received: 01/31/23 13:30

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		02/03/23 14:50	02/06/23 09:24	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/03/23 14:50	02/06/23 09:24	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/03/23 14:50	02/06/23 09:24	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/03/23 14:50	02/06/23 09:24	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/03/23 14:50	02/06/23 09:24	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/03/23 14:50	02/06/23 09:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				02/03/23 14:50	02/06/23 09:24	1
1,4-Difluorobenzene (Surr)	109		70 - 130				02/03/23 14:50	02/06/23 09:24	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			02/06/23 11:54	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			02/02/23 16:01	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		02/02/23 09:26	02/02/23 14:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/02/23 09:26	02/02/23 14:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/02/23 09:26	02/02/23 14:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				02/02/23 09:26	02/02/23 14:55	1
o-Terphenyl	96		70 - 130				02/02/23 09:26	02/02/23 14:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.2		5.01		mg/Kg			01/31/23 23:32	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (1.13.23)

Job ID: 880-24222-1
SDG: Eddy County, New Mexico

Client Sample ID: H-5 (0-0.5')

Lab Sample ID: 880-24222-5

Date Collected: 01/30/23 00:00

Matrix: Solid

Date Received: 01/31/23 13:30

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		02/03/23 14:50	02/06/23 09:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/03/23 14:50	02/06/23 09:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/03/23 14:50	02/06/23 09:45	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/03/23 14:50	02/06/23 09:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/03/23 14:50	02/06/23 09:45	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/03/23 14:50	02/06/23 09:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				02/03/23 14:50	02/06/23 09:45	1
1,4-Difluorobenzene (Surr)	108		70 - 130				02/03/23 14:50	02/06/23 09:45	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			02/06/23 11:54	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			02/02/23 16:01	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		02/02/23 09:26	02/02/23 15:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/02/23 09:26	02/02/23 15:17	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/02/23 09:26	02/02/23 15:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				02/02/23 09:26	02/02/23 15:17	1
o-Terphenyl	96		70 - 130				02/02/23 09:26	02/02/23 15:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.2		5.00		mg/Kg			01/31/23 23:38	1

Client Sample ID: H-6 (0-0.5')

Lab Sample ID: 880-24222-6

Date Collected: 01/30/23 00:00

Matrix: Solid

Date Received: 01/31/23 13:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *- *1	0.00199		mg/Kg		02/05/23 11:10	02/06/23 01:51	1
Toluene	<0.00199	U *- *1	0.00199		mg/Kg		02/05/23 11:10	02/06/23 01:51	1
Ethylbenzene	<0.00199	U *- *1	0.00199		mg/Kg		02/05/23 11:10	02/06/23 01:51	1
m-Xylene & p-Xylene	<0.00398	U *- *1	0.00398		mg/Kg		02/05/23 11:10	02/06/23 01:51	1
o-Xylene	<0.00199	U *- *1	0.00199		mg/Kg		02/05/23 11:10	02/06/23 01:51	1
Xylenes, Total	<0.00398	U *- *1	0.00398		mg/Kg		02/05/23 11:10	02/06/23 01:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	43	S1-	70 - 130				02/05/23 11:10	02/06/23 01:51	1
1,4-Difluorobenzene (Surr)	102		70 - 130				02/05/23 11:10	02/06/23 01:51	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (1.13.23)

Job ID: 880-24222-1
SDG: Eddy County, New Mexico

Client Sample ID: H-6 (0-0.5')

Lab Sample ID: 880-24222-6

Date Collected: 01/30/23 00:00

Matrix: Solid

Date Received: 01/31/23 13:30

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			02/06/23 12:58	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			02/02/23 16:01	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		02/02/23 09:26	02/02/23 15:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/23 09:26	02/02/23 15:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/23 09:26	02/02/23 15:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				02/02/23 09:26	02/02/23 15:38	1
o-Terphenyl	102		70 - 130				02/02/23 09:26	02/02/23 15:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/31/23 23:44	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Myox 20 State 5H (1.13.23)

Job ID: 880-24222-1
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 (70-130)	DFBZ1 (70-130)
880-24198-A-1-C MS	Matrix Spike	105	110
880-24198-A-1-D MSD	Matrix Spike Duplicate	105	109
880-24222-1	H-1 (0-0.5')	110	111
880-24222-2	H-2 (0-0.5')	111	112
880-24222-3	H-3 (0-0.5')	110	113
880-24222-4	H-4 (0-0.5')	115	109
880-24222-5	H-5 (0-0.5')	112	108
880-24222-6	H-6 (0-0.5')	43 S1-	102
890-3981-A-1-H MS	Matrix Spike	96	97
890-3981-A-1-I MSD	Matrix Spike Duplicate	102	92
LCS 880-45405/1-A	Lab Control Sample	104	113
LCS 880-45530/1-A	Lab Control Sample	96	98
LCSD 880-45405/2-A	Lab Control Sample Dup	119	99
LCSD 880-45530/2-A	Lab Control Sample Dup	45 S1-	92
MB 880-45396/5-A	Method Blank	91	91
MB 880-45403/5-A	Method Blank	107	104
MB 880-45405/5-A	Method Blank	104	104
MB 880-45530/5-A	Method Blank	91	81
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-24221-A-1-C MS	Matrix Spike	112	108
880-24221-A-1-D MSD	Matrix Spike Duplicate	125	115
880-24222-1	H-1 (0-0.5')	108	106
880-24222-2	H-2 (0-0.5')	112	104
880-24222-3	H-3 (0-0.5')	102	104
880-24222-4	H-4 (0-0.5')	99	96
880-24222-5	H-5 (0-0.5')	98	96
880-24222-6	H-6 (0-0.5')	98	102
LCS 880-45236/2-A	Lab Control Sample	98	104
LCSD 880-45236/3-A	Lab Control Sample Dup	102	108
MB 880-45236/1-A	Method Blank	120	127
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (1.13.23)

Job ID: 880-24222-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-45396/5-A

Matrix: Solid

Analysis Batch: 45523

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 45396

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/03/23 12:56	02/05/23 14:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/03/23 12:56	02/05/23 14:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/03/23 12:56	02/05/23 14:00	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/03/23 12:56	02/05/23 14:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/03/23 12:56	02/05/23 14:00	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/03/23 12:56	02/05/23 14:00	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	02/03/23 12:56	02/05/23 14:00	1
1,4-Difluorobenzene (Surr)	91		70 - 130	02/03/23 12:56	02/05/23 14:00	1

Lab Sample ID: MB 880-45403/5-A

Matrix: Solid

Analysis Batch: 45525

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 45403

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/03/23 14:42	02/05/23 13:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/03/23 14:42	02/05/23 13:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/03/23 14:42	02/05/23 13:42	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/03/23 14:42	02/05/23 13:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/03/23 14:42	02/05/23 13:42	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/03/23 14:42	02/05/23 13:42	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	02/03/23 14:42	02/05/23 13:42	1
1,4-Difluorobenzene (Surr)	104		70 - 130	02/03/23 14:42	02/05/23 13:42	1

Lab Sample ID: MB 880-45405/5-A

Matrix: Solid

Analysis Batch: 45525

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 45405

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/03/23 14:50	02/06/23 01:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/03/23 14:50	02/06/23 01:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/03/23 14:50	02/06/23 01:18	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/03/23 14:50	02/06/23 01:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/03/23 14:50	02/06/23 01:18	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/03/23 14:50	02/06/23 01:18	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	02/03/23 14:50	02/06/23 01:18	1
1,4-Difluorobenzene (Surr)	104		70 - 130	02/03/23 14:50	02/06/23 01:18	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (1.13.23)

Job ID: 880-24222-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-45405/1-A

Matrix: Solid

Analysis Batch: 45525

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 45405

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09959		mg/Kg		100	70 - 130
Toluene	0.100	0.09316		mg/Kg		93	70 - 130
Ethylbenzene	0.100	0.09061		mg/Kg		91	70 - 130
m-Xylene & p-Xylene	0.200	0.1903		mg/Kg		95	70 - 130
o-Xylene	0.100	0.09380		mg/Kg		94	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	113		70 - 130

Lab Sample ID: LCSD 880-45405/2-A

Matrix: Solid

Analysis Batch: 45525

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 45405

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.07276		mg/Kg		73	70 - 130	31	35
Toluene	0.100	0.08648		mg/Kg		86	70 - 130	7	35
Ethylbenzene	0.100	0.09228		mg/Kg		92	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.1971		mg/Kg		99	70 - 130	3	35
o-Xylene	0.100	0.09664		mg/Kg		97	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	119		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-24198-A-1-C MS

Matrix: Solid

Analysis Batch: 45525

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 45405

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U F1	0.100	0.05893	F1	mg/Kg		59	70 - 130
Toluene	0.0183	F1	0.100	0.07039	F1	mg/Kg		52	70 - 130
Ethylbenzene	0.0463	F1	0.100	0.08779	F1	mg/Kg		41	70 - 130
m-Xylene & p-Xylene	0.0791	F1	0.201	0.1747	F1	mg/Kg		48	70 - 130
o-Xylene	0.0478	F1	0.100	0.08819	F1	mg/Kg		40	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: 880-24198-A-1-D MSD

Matrix: Solid

Analysis Batch: 45525

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 45405

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U F1	0.0990	0.07933		mg/Kg		80	70 - 130	30	35
Toluene	0.0183	F1	0.0990	0.09692		mg/Kg		79	70 - 130	32	35
Ethylbenzene	0.0463	F1	0.0990	0.1202		mg/Kg		75	70 - 130	31	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (1.13.23)

Job ID: 880-24222-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-24198-A-1-D MSD

Matrix: Solid

Analysis Batch: 45525

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 45405

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	0.0791	F1	0.198	0.2330		mg/Kg		78	70 - 130	29	35
o-Xylene	0.0478	F1	0.0990	0.1135	F1	mg/Kg		66	70 - 130	25	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	105		70 - 130								
1,4-Difluorobenzene (Surr)	109		70 - 130								

Lab Sample ID: MB 880-45530/5-A

Matrix: Solid

Analysis Batch: 45523

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 45530

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/05/23 11:10	02/06/23 00:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/05/23 11:10	02/06/23 00:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/05/23 11:10	02/06/23 00:48	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/05/23 11:10	02/06/23 00:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/05/23 11:10	02/06/23 00:48	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/05/23 11:10	02/06/23 00:48	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				02/05/23 11:10	02/06/23 00:48	1
1,4-Difluorobenzene (Surr)	81		70 - 130				02/05/23 11:10	02/06/23 00:48	1

Lab Sample ID: LCS 880-45530/1-A

Matrix: Solid

Analysis Batch: 45523

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 45530

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	0.100	0.1081		mg/Kg		108	70 - 130		
Toluene	0.100	0.09776		mg/Kg		98	70 - 130		
Ethylbenzene	0.100	0.08490		mg/Kg		85	70 - 130		
m-Xylene & p-Xylene	0.200	0.1642		mg/Kg		82	70 - 130		
o-Xylene	0.100	0.08536		mg/Kg		85	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	96		70 - 130						
1,4-Difluorobenzene (Surr)	98		70 - 130						

Lab Sample ID: LCSD 880-45530/2-A

Matrix: Solid

Analysis Batch: 45523

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 45530

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.04386	*- *1	mg/Kg		44	70 - 130	85	35
Toluene	0.100	0.05531	*- *1	mg/Kg		55	70 - 130	55	35
Ethylbenzene	0.100	0.03711	*- *1	mg/Kg		37	70 - 130	78	35
m-Xylene & p-Xylene	0.200	0.05593	*- *1	mg/Kg		28	70 - 130	98	35
o-Xylene	0.100	0.02845	*- *1	mg/Kg		28	70 - 130	100	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (1.13.23)

Job ID: 880-24222-1
SDG: Eddy County, New Mexico

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

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	45	S1-	70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: 890-3981-A-1-H MS
Matrix: Solid
Analysis Batch: 45523

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 45530

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U *- *1	0.100	0.08224		mg/Kg		81	70 - 130
Toluene	<0.00201	U *- *1	0.100	0.07527		mg/Kg		74	70 - 130
Ethylbenzene	<0.00201	U *- *1 F1	0.100	0.06748	F1	mg/Kg		67	70 - 130
m-Xylene & p-Xylene	<0.00402	U *- *1 F1	0.200	0.1282	F1	mg/Kg		64	70 - 130
o-Xylene	<0.00201	U *- *1	0.100	0.07075		mg/Kg		70	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 890-3981-A-1-I MSD
Matrix: Solid
Analysis Batch: 45523

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 45530

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00201	U *- *1	0.0990	0.08782		mg/Kg		87	70 - 130	7	35
Toluene	<0.00201	U *- *1	0.0990	0.07778		mg/Kg		78	70 - 130	3	35
Ethylbenzene	<0.00201	U *- *1 F1	0.0990	0.06984		mg/Kg		71	70 - 130	3	35
m-Xylene & p-Xylene	<0.00402	U *- *1 F1	0.198	0.1317	F1	mg/Kg		67	70 - 130	3	35
o-Xylene	<0.00201	U *- *1	0.0990	0.07270		mg/Kg		73	70 - 130	3	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

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

Lab Sample ID: MB 880-45236/1-A
Matrix: Solid
Analysis Batch: 45226

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 45236

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/02/23 09:26	02/02/23 08:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/02/23 09:26	02/02/23 08:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/02/23 09:26	02/02/23 08:59	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	120		70 - 130	02/02/23 09:26	02/02/23 08:59	1			
o-Terphenyl	127		70 - 130	02/02/23 09:26	02/02/23 08:59	1			

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (1.13.23)

Job ID: 880-24222-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-45236/2-A

Matrix: Solid

Analysis Batch: 45226

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 45236

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec		
			Added	Result	Qualifier			Limits			
Gasoline Range Organics (GRO)-C6-C10			999	967.2		mg/Kg		97	70 - 130		
Diesel Range Organics (Over C10-C28)			999	942.1		mg/Kg		94	70 - 130		
		LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	98		70 - 130								
o-Terphenyl	104		70 - 130								

Lab Sample ID: LCSD 880-45236/3-A

Matrix: Solid

Analysis Batch: 45226

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 45236

			Spike	LCSD	LCSD				%Rec			RPD
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			999	868.6		mg/Kg		87	70 - 130		11	20
Diesel Range Organics (Over C10-C28)			999	959.3		mg/Kg		96	70 - 130		2	20
			LCSD	LCSD								
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	102		70 - 130									
o-Terphenyl	108		70 - 130									

Lab Sample ID: 880-24221-A-1-C MS

Matrix: Solid

Analysis Batch: 45226

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 45236

	Sample	Sample	Spike	MS	MS			%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1 F2	1000	885.7		mg/Kg		86	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	997.3		mg/Kg		100	70 - 130	

Lab Sample ID: 880-24221-A-1-D MSD

Matrix: Solid

Analysis Batch: 45226

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 45236

	Sample	Sample	Spike	MSD	MSD			%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1 F2	998	1495	F1 F2	mg/Kg		147	70 - 130	51 20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	1074		mg/Kg		108	70 - 130	7 20
	MSD	MSD								
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	125		70 - 130							

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (1.13.23)

Job ID: 880-24222-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-24221-A-1-D MSD

Matrix: Solid

Analysis Batch: 45226

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 45236

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	115		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-45148/1-A

Matrix: Solid

Analysis Batch: 45163

Client Sample ID: Method Blank

Prep Type: Soluble

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Chloride	<5.00	U	5.00		mg/Kg			01/31/23 22:00	1	

Lab Sample ID: LCS 880-45148/2-A

Matrix: Solid

Analysis Batch: 45163

Client Sample ID: Lab Control Sample

Prep Type: Soluble

			Spike	LCS	LCS				%Rec	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride			250	254.8		mg/Kg		102	90 - 110	

Lab Sample ID: LCSD 880-45148/3-A

Matrix: Solid

Analysis Batch: 45163

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

			Spike	LCSD	LCSD				%Rec		RPD
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride			250	255.3		mg/Kg		102	90 - 110	0	20

Lab Sample ID: 880-24222-6 MS

Matrix: Solid

Analysis Batch: 45163

Client Sample ID: H-6 (0-0.5')

Prep Type: Soluble

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride	<5.00	U	250	272.4		mg/Kg		108	90 - 110		

Lab Sample ID: 880-24222-6 MSD

Matrix: Solid

Analysis Batch: 45163

Client Sample ID: H-6 (0-0.5')

Prep Type: Soluble

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	<5.00	U	250	272.3		mg/Kg		108	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Myox 20 State 5H (1.13.23)

Job ID: 880-24222-1
SDG: Eddy County, New Mexico

GC VOA

Prep Batch: 45396

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-45396/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 45403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-45403/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 45405

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24222-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-24222-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-24222-3	H-3 (0-0.5')	Total/NA	Solid	5035	
880-24222-4	H-4 (0-0.5')	Total/NA	Solid	5035	
880-24222-5	H-5 (0-0.5')	Total/NA	Solid	5035	
MB 880-45405/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-45405/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-45405/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-24198-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
880-24198-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 45523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24222-6	H-6 (0-0.5')	Total/NA	Solid	8021B	45530
MB 880-45396/5-A	Method Blank	Total/NA	Solid	8021B	45396
MB 880-45530/5-A	Method Blank	Total/NA	Solid	8021B	45530
LCS 880-45530/1-A	Lab Control Sample	Total/NA	Solid	8021B	45530
LCSD 880-45530/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	45530
890-3981-A-1-H MS	Matrix Spike	Total/NA	Solid	8021B	45530
890-3981-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	45530

Analysis Batch: 45525

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24222-1	H-1 (0-0.5')	Total/NA	Solid	8021B	45405
880-24222-2	H-2 (0-0.5')	Total/NA	Solid	8021B	45405
880-24222-3	H-3 (0-0.5')	Total/NA	Solid	8021B	45405
880-24222-4	H-4 (0-0.5')	Total/NA	Solid	8021B	45405
880-24222-5	H-5 (0-0.5')	Total/NA	Solid	8021B	45405
MB 880-45403/5-A	Method Blank	Total/NA	Solid	8021B	45403
MB 880-45405/5-A	Method Blank	Total/NA	Solid	8021B	45405
LCS 880-45405/1-A	Lab Control Sample	Total/NA	Solid	8021B	45405
LCSD 880-45405/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	45405
880-24198-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	45405
880-24198-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	45405

Prep Batch: 45530

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24222-6	H-6 (0-0.5')	Total/NA	Solid	5035	
MB 880-45530/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-45530/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-45530/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-3981-A-1-H MS	Matrix Spike	Total/NA	Solid	5035	
890-3981-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: Myox 20 State 5H (1.13.23)

Job ID: 880-24222-1
SDG: Eddy County, New Mexico

GC VOA

Analysis Batch: 45589

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24222-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-24222-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-24222-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-24222-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-24222-5	H-5 (0-0.5')	Total/NA	Solid	Total BTEX	
880-24222-6	H-6 (0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 45226

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24222-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	45236
880-24222-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	45236
880-24222-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	45236
880-24222-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	45236
880-24222-5	H-5 (0-0.5')	Total/NA	Solid	8015B NM	45236
880-24222-6	H-6 (0-0.5')	Total/NA	Solid	8015B NM	45236
MB 880-45236/1-A	Method Blank	Total/NA	Solid	8015B NM	45236
LCS 880-45236/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	45236
LCSD 880-45236/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	45236
880-24221-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	45236
880-24221-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	45236

Prep Batch: 45236

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24222-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-24222-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-24222-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-24222-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-24222-5	H-5 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-24222-6	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-45236/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-45236/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-45236/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-24221-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-24221-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 45274

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24222-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-24222-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-24222-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-24222-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	
880-24222-5	H-5 (0-0.5')	Total/NA	Solid	8015 NM	
880-24222-6	H-6 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 45148

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24222-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-24222-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Carmona Resources
Project/Site: Myox 20 State 5H (1.13.23)

Job ID: 880-24222-1
SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Leach Batch: 45148 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24222-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-24222-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
880-24222-5	H-5 (0-0.5')	Soluble	Solid	DI Leach	
880-24222-6	H-6 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-45148/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-45148/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-45148/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-24222-6 MS	H-6 (0-0.5')	Soluble	Solid	DI Leach	
880-24222-6 MSD	H-6 (0-0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 45163

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24222-1	H-1 (0-0.5')	Soluble	Solid	300.0	45148
880-24222-2	H-2 (0-0.5')	Soluble	Solid	300.0	45148
880-24222-3	H-3 (0-0.5')	Soluble	Solid	300.0	45148
880-24222-4	H-4 (0-0.5')	Soluble	Solid	300.0	45148
880-24222-5	H-5 (0-0.5')	Soluble	Solid	300.0	45148
880-24222-6	H-6 (0-0.5')	Soluble	Solid	300.0	45148
MB 880-45148/1-A	Method Blank	Soluble	Solid	300.0	45148
LCS 880-45148/2-A	Lab Control Sample	Soluble	Solid	300.0	45148
LCSD 880-45148/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	45148
880-24222-6 MS	H-6 (0-0.5')	Soluble	Solid	300.0	45148
880-24222-6 MSD	H-6 (0-0.5')	Soluble	Solid	300.0	45148

Lab Chronicle

Client: Carmona Resources
Project/Site: Myox 20 State 5H (1.13.23)

Job ID: 880-24222-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-24222-1

Date Collected: 01/30/23 00:00

Matrix: Solid

Date Received: 01/31/23 13:30

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	45405	02/03/23 14:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45525	02/06/23 08:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45589	02/06/23 11:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			45274	02/02/23 14:54	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	45236	02/02/23 09:26	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45226	02/02/23 13:48	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	45148	01/31/23 14:40	CH	EET MID
Soluble	Analysis	300.0		1			45163	01/31/23 23:14	CH	EET MID

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

Lab Sample ID: 880-24222-2

Date Collected: 01/30/23 00:00

Matrix: Solid

Date Received: 01/31/23 13:30

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	45405	02/03/23 14:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45525	02/06/23 08:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45589	02/06/23 11:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			45274	02/02/23 14:54	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	45236	02/02/23 09:26	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45226	02/02/23 14:11	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	45148	01/31/23 14:40	CH	EET MID
Soluble	Analysis	300.0		1			45163	01/31/23 23:20	CH	EET MID

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

Lab Sample ID: 880-24222-3

Date Collected: 01/30/23 00:00

Matrix: Solid

Date Received: 01/31/23 13:30

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	45405	02/03/23 14:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45525	02/06/23 09:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45589	02/06/23 11:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			45274	02/03/23 11:29	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	45236	02/02/23 09:26	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45226	02/02/23 18:53	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	45148	01/31/23 14:40	CH	EET MID
Soluble	Analysis	300.0		1			45163	01/31/23 23:26	CH	EET MID

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

Lab Sample ID: 880-24222-4

Date Collected: 01/30/23 00:00

Matrix: Solid

Date Received: 01/31/23 13:30

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	45405	02/03/23 14:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45525	02/06/23 09:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45589	02/06/23 11:54	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Myox 20 State 5H (1.13.23)

Job ID: 880-24222-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-24222-4

Date Collected: 01/30/23 00:00

Matrix: Solid

Date Received: 01/31/23 13:30

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			45274	02/02/23 16:01	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	45236	02/02/23 09:26	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45226	02/02/23 14:55	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	45148	01/31/23 14:40	CH	EET MID
Soluble	Analysis	300.0		1			45163	01/31/23 23:32	CH	EET MID

Client Sample ID: H-5 (0-0.5')

Lab Sample ID: 880-24222-5

Date Collected: 01/30/23 00:00

Matrix: Solid

Date Received: 01/31/23 13:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	45405	02/03/23 14:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45525	02/06/23 09:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45589	02/06/23 11:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			45274	02/02/23 16:01	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	45236	02/02/23 09:26	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45226	02/02/23 15:17	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	45148	01/31/23 14:40	CH	EET MID
Soluble	Analysis	300.0		1			45163	01/31/23 23:38	CH	EET MID

Client Sample ID: H-6 (0-0.5')

Lab Sample ID: 880-24222-6

Date Collected: 01/30/23 00:00

Matrix: Solid

Date Received: 01/31/23 13:30

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	45530	02/05/23 11:10	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45523	02/06/23 01:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45589	02/06/23 12:58	SM	EET MID
Total/NA	Analysis	8015 NM		1			45274	02/02/23 16:01	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	45236	02/02/23 09:26	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45226	02/02/23 15:38	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	45148	01/31/23 14:40	CH	EET MID
Soluble	Analysis	300.0		1			45163	01/31/23 23:44	CH	EET MID

Laboratory References:

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

Eurofins Midland

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Myox 20 State 5H (1.13.23)

Job ID: 880-24222-1
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 (1.13.23)

Job ID: 880-24222-1
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 (1.13.23)

Job ID: 880-24222-1
SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-24222-1	H-1 (0-0.5')	Solid	01/30/23 00:00	01/31/23 13:30
880-24222-2	H-2 (0-0.5')	Solid	01/30/23 00:00	01/31/23 13:30
880-24222-3	H-3 (0-0.5')	Solid	01/30/23 00:00	01/31/23 13:30
880-24222-4	H-4 (0-0.5')	Solid	01/30/23 00:00	01/31/23 13:30
880-24222-5	H-5 (0-0.5')	Solid	01/30/23 00:00	01/31/23 13:30
880-24222-6	H-6 (0-0.5')	Solid	01/30/23 00:00	01/31/23 13:30



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Work Order No: 24222

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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/ ☐ PST ☐ PRP ☐ Brownfields ☐ RC ☐ Superfund ☐			
State of Project:			
Reporting Level I ☐ Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐			
Deliverables EDD ☐ ADAPT ☐ Other			

Project Name	Myox 20 State 5H (1 13 23)	Turn Around	☐ Routine ☒ Rush	Due Date	72 Hrs	Parameters	ANALYSIS REQUEST										Preservative Codes	
Project Number	1222																None NO	DI Water H ₂ O
Project Location	Eddy County, New Mexico																Cool Cool	MeOH Me
Sampler's Name	MPM																HCL HC	HNO ₃ HN
PO #:																	H ₂ SO ₄ H ₂	NaOH Na
SAMPLE RECEIPT	Temp Blank	Yes No	Wet Ice	Yes No													H ₃ PO ₄ HP	
Received Intact	Yes No		Thermometer ID														NaHSO ₄ NABIS	
Cooler Custody Seals	Yes No		Correction Factor														Na ₂ S ₂ O ₃ NaSO ₃	
Sample Custody Seals	Yes No		Temperature Reading														Zn Acetate+NaOH Zn	
Total Containers			Corrected Temperature														NaOH+Ascorbic Acid SAPC	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments	
H-1 (0-0 5')	1/30/2023		X		G	1	X	X	X									402
H-2 (0-0 5')	1/30/2023		X		G	1	X	X	X									
H-3 (0-0 5')	1/30/2023		X		G	1	X	X	X									
H-4 (0-0 5')	1/30/2023		X		G	1	X	X	X									
H-5 (0-0 5')	1/30/2023		X		G	1	X	X	X									
H-6 (0-0 5')	1/30/2023		X		G	1	X	X	X									



880-24222 Chain of Custody

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

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
<i>Conner Moehring</i>	1/30/23	<i>[Signature]</i>	1330

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-24222-1

SDG Number: Eddy County, New Mexico

Login Number: 24222

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	



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/8/2023 10:18:15 AM

JOB DESCRIPTION

Myox 20 State 5H (1.13.23)
SDG NUMBER Eddy County, New Mexico

JOB NUMBER

880-24224-1

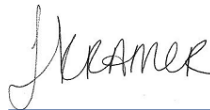
Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

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
2/8/2023 10:18:15 AM

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 (1.13.23)

Laboratory Job ID: 880-24224-1
SDG: Eddy County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Myox 20 State 5H (1.13.23)

Job ID: 880-24224-1
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
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project/Site: Myox 20 State 5H (1.13.23)

Job ID: 880-24224-1
SDG: Eddy County, New Mexico

Job ID: 880-24224-1**Laboratory: Eurofins Midland****Narrative****Job Narrative
880-24224-1****Receipt**

The samples were received on 1/31/2023 1:50 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 0.3°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: S-1 (0-3") (880-24224-1), S-1 (6") (880-24224-2), S-1 (12") (880-24224-3), S-1 (18") (880-24224-4), S-1 (2.5') (880-24224-5), S-1 (3.0') (880-24224-6), S-1 (4.0') (880-24224-7), S-1 (5.0') (880-24224-8), S-2 (0-3") (880-24224-9), S-2 (6") (880-24224-10), S-2 (12") (880-24224-11), S-2 (18") (880-24224-12) and S-2 (2.0') (880-24224-13).

GC VOA

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (MB 880-45238/1-A). Evidence of matrix interferences is not obvious.

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

HPLC/IC

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

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (1.13.23)

Job ID: 880-24224-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-24224-1

Date Collected: 01/30/23 00:00

Matrix: Solid

Date Received: 01/31/23 13:50

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		02/06/23 13:13	02/07/23 11:20	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/06/23 13:13	02/07/23 11:20	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/06/23 13:13	02/07/23 11:20	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/06/23 13:13	02/07/23 11:20	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/06/23 13:13	02/07/23 11:20	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/06/23 13:13	02/07/23 11:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	02/06/23 13:13	02/07/23 11:20	1
1,4-Difluorobenzene (Surr)	75		70 - 130	02/06/23 13:13	02/07/23 11:20	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			02/07/23 16:26	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	80.3		50.0		mg/Kg			02/02/23 14:48	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		02/02/23 09:29	02/02/23 11:35	1
Diesel Range Organics (Over C10-C28)	80.3		50.0		mg/Kg		02/02/23 09:29	02/02/23 11:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/23 09:29	02/02/23 11:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130	02/02/23 09:29	02/02/23 11:35	1
o-Terphenyl	104		70 - 130	02/02/23 09:29	02/02/23 11:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.05	U	5.05		mg/Kg			02/02/23 15:53	1

Client Sample ID: S-1 (6")

Lab Sample ID: 880-24224-2

Date Collected: 01/30/23 00:00

Matrix: Solid

Date Received: 01/31/23 13:50

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		02/06/23 13:13	02/07/23 11:41	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/06/23 13:13	02/07/23 11:41	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/06/23 13:13	02/07/23 11:41	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/06/23 13:13	02/07/23 11:41	1
o-Xylene	0.00558		0.00199		mg/Kg		02/06/23 13:13	02/07/23 11:41	1
Xylenes, Total	0.00558		0.00398		mg/Kg		02/06/23 13:13	02/07/23 11:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	02/06/23 13:13	02/07/23 11:41	1
1,4-Difluorobenzene (Surr)	103		70 - 130	02/06/23 13:13	02/07/23 11:41	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (1.13.23)

Job ID: 880-24224-1
SDG: Eddy County, New Mexico

Client Sample ID: S-1 (6")

Lab Sample ID: 880-24224-2

Date Collected: 01/30/23 00:00

Matrix: Solid

Date Received: 01/31/23 13:50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00558		0.00398		mg/Kg			02/07/23 16:26	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	78.4		49.9		mg/Kg			02/02/23 14:48	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		02/02/23 09:29	02/02/23 12:42	1
Diesel Range Organics (Over C10-C28)	78.4		49.9		mg/Kg		02/02/23 09:29	02/02/23 12:42	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/02/23 09:29	02/02/23 12:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				02/02/23 09:29	02/02/23 12:42	1
o-Terphenyl	128		70 - 130				02/02/23 09:29	02/02/23 12:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			02/02/23 16:12	1

Client Sample ID: S-1 (12")

Lab Sample ID: 880-24224-3

Date Collected: 01/30/23 00:00

Matrix: Solid

Date Received: 01/31/23 13:50

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		02/06/23 13:13	02/07/23 12:01	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/06/23 13:13	02/07/23 12:01	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/06/23 13:13	02/07/23 12:01	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/06/23 13:13	02/07/23 12:01	1
o-Xylene	0.00297		0.00199		mg/Kg		02/06/23 13:13	02/07/23 12:01	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/06/23 13:13	02/07/23 12:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		70 - 130				02/06/23 13:13	02/07/23 12:01	1
1,4-Difluorobenzene (Surr)	68	S1-	70 - 130				02/06/23 13:13	02/07/23 12:01	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			02/07/23 16:26	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			02/02/23 16:03	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		02/02/23 09:29	02/02/23 14:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/23 09:29	02/02/23 14:55	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (1.13.23)

Job ID: 880-24224-1
SDG: Eddy County, New Mexico

Client Sample ID: S-1 (12")

Lab Sample ID: 880-24224-3

Date Collected: 01/30/23 00:00

Matrix: Solid

Date Received: 01/31/23 13:50

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		02/02/23 09:29	02/02/23 14:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				02/02/23 09:29	02/02/23 14:55	1
o-Terphenyl	126		70 - 130				02/02/23 09:29	02/02/23 14:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			02/02/23 16:18	1

Client Sample ID: S-1 (18")

Lab Sample ID: 880-24224-4

Date Collected: 01/30/23 00:00

Matrix: Solid

Date Received: 01/31/23 13:50

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		02/06/23 13:13	02/07/23 16:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/06/23 13:13	02/07/23 16:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/06/23 13:13	02/07/23 16:55	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/06/23 13:13	02/07/23 16:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/06/23 13:13	02/07/23 16:55	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/06/23 13:13	02/07/23 16:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130				02/06/23 13:13	02/07/23 16:55	1
1,4-Difluorobenzene (Surr)	84		70 - 130				02/06/23 13:13	02/07/23 16:55	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			02/08/23 11:08	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			02/02/23 16:03	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		02/02/23 09:29	02/02/23 15:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/23 09:29	02/02/23 15:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/23 09:29	02/02/23 15:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				02/02/23 09:29	02/02/23 15:17	1
o-Terphenyl	108		70 - 130				02/02/23 09:29	02/02/23 15:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95		mg/Kg			02/02/23 16:24	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (1.13.23)

Job ID: 880-24224-1
SDG: Eddy County, New Mexico

Client Sample ID: S-1 (2.5')

Lab Sample ID: 880-24224-5

Date Collected: 01/30/23 00:00

Matrix: Solid

Date Received: 01/31/23 13:50

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		02/06/23 13:13	02/07/23 17:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/06/23 13:13	02/07/23 17:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/06/23 13:13	02/07/23 17:15	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/06/23 13:13	02/07/23 17:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/06/23 13:13	02/07/23 17:15	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/06/23 13:13	02/07/23 17:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	51	S1-	70 - 130				02/06/23 13:13	02/07/23 17:15	1
1,4-Difluorobenzene (Surr)	92		70 - 130				02/06/23 13:13	02/07/23 17:15	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			02/08/23 11:08	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			02/02/23 16:03	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		02/02/23 09:29	02/02/23 15:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/02/23 09:29	02/02/23 15:38	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/02/23 09:29	02/02/23 15:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				02/02/23 09:29	02/02/23 15:38	1
o-Terphenyl	115		70 - 130				02/02/23 09:29	02/02/23 15:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.97	U	4.97		mg/Kg			02/02/23 16:31	1

Client Sample ID: S-1 (3.0')

Lab Sample ID: 880-24224-6

Date Collected: 01/30/23 00:00

Matrix: Solid

Date Received: 01/31/23 13:50

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		02/06/23 13:13	02/07/23 17:36	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/06/23 13:13	02/07/23 17:36	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/06/23 13:13	02/07/23 17:36	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/06/23 13:13	02/07/23 17:36	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/06/23 13:13	02/07/23 17:36	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/06/23 13:13	02/07/23 17:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130				02/06/23 13:13	02/07/23 17:36	1
1,4-Difluorobenzene (Surr)	73		70 - 130				02/06/23 13:13	02/07/23 17:36	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (1.13.23)

Job ID: 880-24224-1
SDG: Eddy County, New Mexico

Client Sample ID: S-1 (3.0')

Lab Sample ID: 880-24224-6

Date Collected: 01/30/23 00:00

Matrix: Solid

Date Received: 01/31/23 13:50

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			02/08/23 11:08	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			02/03/23 11:33	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		02/02/23 09:29	02/02/23 16:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/02/23 09:29	02/02/23 16:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/02/23 09:29	02/02/23 16:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				02/02/23 09:29	02/02/23 16:22	1
o-Terphenyl	109		70 - 130				02/02/23 09:29	02/02/23 16:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.05	U	5.05		mg/Kg			02/02/23 16:49	1

Client Sample ID: S-1 (4.0')

Lab Sample ID: 880-24224-7

Date Collected: 01/30/23 00:00

Matrix: Solid

Date Received: 01/31/23 13:50

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		02/06/23 13:13	02/07/23 17:56	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/06/23 13:13	02/07/23 17:56	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/06/23 13:13	02/07/23 17:56	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/06/23 13:13	02/07/23 17:56	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/06/23 13:13	02/07/23 17:56	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/06/23 13:13	02/07/23 17:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				02/06/23 13:13	02/07/23 17:56	1
1,4-Difluorobenzene (Surr)	80		70 - 130				02/06/23 13:13	02/07/23 17:56	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			02/08/23 11:08	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			02/03/23 11:33	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		02/02/23 09:29	02/02/23 16:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/02/23 09:29	02/02/23 16:44	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (1.13.23)

Job ID: 880-24224-1
SDG: Eddy County, New Mexico

Client Sample ID: S-1 (4.0')

Lab Sample ID: 880-24224-7

Date Collected: 01/30/23 00:00

Matrix: Solid

Date Received: 01/31/23 13:50

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		02/02/23 09:29	02/02/23 16:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				02/02/23 09:29	02/02/23 16:44	1
o-Terphenyl	106		70 - 130				02/02/23 09:29	02/02/23 16:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.0		4.97		mg/Kg			02/02/23 16:55	1

Client Sample ID: S-1 (5.0')

Lab Sample ID: 880-24224-8

Date Collected: 01/30/23 00:00

Matrix: Solid

Date Received: 01/31/23 13:50

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		02/06/23 13:13	02/07/23 18:17	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/06/23 13:13	02/07/23 18:17	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/06/23 13:13	02/07/23 18:17	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		02/06/23 13:13	02/07/23 18:17	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/06/23 13:13	02/07/23 18:17	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		02/06/23 13:13	02/07/23 18:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				02/06/23 13:13	02/07/23 18:17	1
1,4-Difluorobenzene (Surr)	79		70 - 130				02/06/23 13:13	02/07/23 18:17	1

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			02/08/23 11:08	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			02/03/23 11:33	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		02/02/23 09:29	02/02/23 17:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/02/23 09:29	02/02/23 17:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/02/23 09:29	02/02/23 17:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				02/02/23 09:29	02/02/23 17:05	1
o-Terphenyl	113		70 - 130				02/02/23 09:29	02/02/23 17:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			02/02/23 17:01	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (1.13.23)

Job ID: 880-24224-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-24224-9

Date Collected: 01/30/23 00:00

Matrix: Solid

Date Received: 01/31/23 13:50

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		02/06/23 13:13	02/07/23 18:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/06/23 13:13	02/07/23 18:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/06/23 13:13	02/07/23 18:37	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/06/23 13:13	02/07/23 18:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/06/23 13:13	02/07/23 18:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/06/23 13:13	02/07/23 18:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				02/06/23 13:13	02/07/23 18:37	1
1,4-Difluorobenzene (Surr)	85		70 - 130				02/06/23 13:13	02/07/23 18:37	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			02/08/23 11:08	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			02/03/23 11:33	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		02/02/23 09:29	02/02/23 17:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/02/23 09:29	02/02/23 17:27	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/02/23 09:29	02/02/23 17:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				02/02/23 09:29	02/02/23 17:27	1
o-Terphenyl	109		70 - 130				02/02/23 09:29	02/02/23 17:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95		mg/Kg			02/02/23 17:07	1

Client Sample ID: S-2 (6")

Lab Sample ID: 880-24224-10

Date Collected: 01/30/23 00:00

Matrix: Solid

Date Received: 01/31/23 13:50

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		02/06/23 13:13	02/07/23 18:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/06/23 13:13	02/07/23 18:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/06/23 13:13	02/07/23 18:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/06/23 13:13	02/07/23 18:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/06/23 13:13	02/07/23 18:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/06/23 13:13	02/07/23 18:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				02/06/23 13:13	02/07/23 18:58	1
1,4-Difluorobenzene (Surr)	79		70 - 130				02/06/23 13:13	02/07/23 18:58	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (1.13.23)

Job ID: 880-24224-1
SDG: Eddy County, New Mexico

Client Sample ID: S-2 (6")

Lab Sample ID: 880-24224-10

Date Collected: 01/30/23 00:00

Matrix: Solid

Date Received: 01/31/23 13:50

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			02/08/23 11:08	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			02/03/23 11:33	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		02/02/23 09:29	02/02/23 17:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/02/23 09:29	02/02/23 17:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/02/23 09:29	02/02/23 17:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				02/02/23 09:29	02/02/23 17:49	1
o-Terphenyl	119		70 - 130				02/02/23 09:29	02/02/23 17:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	86.9		4.96		mg/Kg			02/02/23 17:14	1

Client Sample ID: S-2 (12")

Lab Sample ID: 880-24224-11

Date Collected: 01/30/23 00:00

Matrix: Solid

Date Received: 01/31/23 13:50

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		02/06/23 13:13	02/07/23 19:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/06/23 13:13	02/07/23 19:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/06/23 13:13	02/07/23 19:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/06/23 13:13	02/07/23 19:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/06/23 13:13	02/07/23 19:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/06/23 13:13	02/07/23 19:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				02/06/23 13:13	02/07/23 19:18	1
1,4-Difluorobenzene (Surr)	87		70 - 130				02/06/23 13:13	02/07/23 19:18	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			02/08/23 11:08	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			02/03/23 11:33	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		02/02/23 09:29	02/02/23 18:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/02/23 09:29	02/02/23 18:10	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (1.13.23)

Job ID: 880-24224-1
SDG: Eddy County, New Mexico

Client Sample ID: S-2 (12")

Lab Sample ID: 880-24224-11

Date Collected: 01/30/23 00:00

Matrix: Solid

Date Received: 01/31/23 13:50

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		02/02/23 09:29	02/02/23 18:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				02/02/23 09:29	02/02/23 18:10	1
o-Terphenyl	122		70 - 130				02/02/23 09:29	02/02/23 18:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.64		4.98		mg/Kg			02/02/23 17:20	1

Client Sample ID: S-2 (18")

Lab Sample ID: 880-24224-12

Date Collected: 01/30/23 00:00

Matrix: Solid

Date Received: 01/31/23 13:50

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		02/06/23 13:13	02/07/23 19:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/06/23 13:13	02/07/23 19:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/06/23 13:13	02/07/23 19:39	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/06/23 13:13	02/07/23 19:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/06/23 13:13	02/07/23 19:39	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/06/23 13:13	02/07/23 19:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				02/06/23 13:13	02/07/23 19:39	1
1,4-Difluorobenzene (Surr)	87		70 - 130				02/06/23 13:13	02/07/23 19:39	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			02/08/23 11:08	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			02/03/23 11:33	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		02/02/23 09:29	02/02/23 18:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/02/23 09:29	02/02/23 18:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/02/23 09:29	02/02/23 18:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				02/02/23 09:29	02/02/23 18:32	1
o-Terphenyl	126		70 - 130				02/02/23 09:29	02/02/23 18:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			02/02/23 17:38	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (1.13.23)

Job ID: 880-24224-1
SDG: Eddy County, New Mexico

Client Sample ID: S-2 (2.0')

Lab Sample ID: 880-24224-13

Date Collected: 01/30/23 00:00

Matrix: Solid

Date Received: 01/31/23 13:50

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		02/06/23 13:13	02/07/23 19:59	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/06/23 13:13	02/07/23 19:59	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/06/23 13:13	02/07/23 19:59	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/06/23 13:13	02/07/23 19:59	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/06/23 13:13	02/07/23 19:59	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/06/23 13:13	02/07/23 19:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130	02/06/23 13:13	02/07/23 19:59	1
1,4-Difluorobenzene (Surr)	80		70 - 130	02/06/23 13:13	02/07/23 19:59	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			02/08/23 11:08	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			02/03/23 11:33	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		02/02/23 09:29	02/02/23 18:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/02/23 09:29	02/02/23 18:53	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/02/23 09:29	02/02/23 18:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	02/02/23 09:29	02/02/23 18:53	1
o-Terphenyl	113		70 - 130	02/02/23 09:29	02/02/23 18:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.97	U	4.97		mg/Kg			02/02/23 17:44	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: Myox 20 State 5H (1.13.23)

Job ID: 880-24224-1
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)						
880-24224-1	S-1 (0-3")	102	75						
880-24224-1 MS	S-1 (0-3")	123	92						
880-24224-1 MSD	S-1 (0-3")	110	101						
880-24224-2	S-1 (6")	88	103						
880-24224-3	S-1 (12")	82	68 S1-						
880-24224-4	S-1 (18")	87	84						
880-24224-5	S-1 (2.5')	51 S1-	92						
880-24224-6	S-1 (3.0')	80	73						
880-24224-7	S-1 (4.0')	112	80						
880-24224-8	S-1 (5.0')	98	79						
880-24224-9	S-2 (0-3")	111	85						
880-24224-10	S-2 (6")	108	79						
880-24224-11	S-2 (12")	96	87						
880-24224-12	S-2 (18")	88	87						
880-24224-13	S-2 (2.0')	86	80						
LCS 880-45604/1-A	Lab Control Sample	116	105						
LCSD 880-45604/2-A	Lab Control Sample Dup	115	101						
MB 880-45604/5-A	Method Blank	74	93						
Surrogate Legend									
BFB = 4-Bromofluorobenzene (Surr)									
DFBZ = 1,4-Difluorobenzene (Surr)									

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	1CO1	OTPH1				
		(70-130)	(70-130)				
880-24224-1	S-1 (0-3")	90	104				
880-24224-1 MS	S-1 (0-3")	98	104				
880-24224-1 MSD	S-1 (0-3")	94	100				
880-24224-2	S-1 (6")	112	128				
880-24224-3	S-1 (12")	109	126				
880-24224-4	S-1 (18")	91	108				
880-24224-5	S-1 (2.5')	96	115				
880-24224-6	S-1 (3.0')	91	109				
880-24224-7	S-1 (4.0')	89	106				
880-24224-8	S-1 (5.0')	95	113				
880-24224-9	S-2 (0-3")	92	109				
880-24224-10	S-2 (6")	104	119				
880-24224-11	S-2 (12")	106	122				
880-24224-12	S-2 (18")	108	126				
880-24224-13	S-2 (2.0')	96	113				
LCS 880-45238/2-A	Lab Control Sample	75	79				
LCSD 880-45238/3-A	Lab Control Sample Dup	73	79				
MB 880-45238/1-A	Method Blank	110	135 S1+				
Surrogate Legend							
1CO = 1-Chlorooctane							
OTPH = o-Terphenyl							

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (1.13.23)

Job ID: 880-24224-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-45604/5-A

Matrix: Solid

Analysis Batch: 45648

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 45604

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/06/23 13:13	02/07/23 10:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/06/23 13:13	02/07/23 10:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/06/23 13:13	02/07/23 10:58	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/06/23 13:13	02/07/23 10:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/06/23 13:13	02/07/23 10:58	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/06/23 13:13	02/07/23 10:58	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	74		70 - 130	02/06/23 13:13	02/07/23 10:58	1
1,4-Difluorobenzene (Surr)	93		70 - 130	02/06/23 13:13	02/07/23 10:58	1

Lab Sample ID: LCS 880-45604/1-A

Matrix: Solid

Analysis Batch: 45648

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 45604

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1059		mg/Kg		106	70 - 130
Toluene	0.100	0.1097		mg/Kg		110	70 - 130
Ethylbenzene	0.100	0.1175		mg/Kg		118	70 - 130
m-Xylene & p-Xylene	0.200	0.2598		mg/Kg		130	70 - 130
o-Xylene	0.100	0.1282		mg/Kg		128	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: LCSD 880-45604/2-A

Matrix: Solid

Analysis Batch: 45648

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 45604

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1056		mg/Kg		106	70 - 130	0	35
Toluene	0.100	0.1076		mg/Kg		108	70 - 130	2	35
Ethylbenzene	0.100	0.1121		mg/Kg		112	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.2437		mg/Kg		122	70 - 130	6	35
o-Xylene	0.100	0.1206		mg/Kg		121	70 - 130	6	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-24224-1 MS

Matrix: Solid

Analysis Batch: 45648

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

Prep Type: Total/NA

Prep Batch: 45604

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.100	0.1024		mg/Kg		102	70 - 130
Toluene	<0.00201	U	0.100	0.09942		mg/Kg		99	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (1.13.23)

Job ID: 880-24224-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-24224-1 MS

Matrix: Solid

Analysis Batch: 45648

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

Prep Type: Total/NA

Prep Batch: 45604

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U	0.100	0.1065		mg/Kg		107	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2287		mg/Kg		114	70 - 130
o-Xylene	<0.00201	U	0.100	0.1124		mg/Kg		112	70 - 130
Surrogate	%Recovery	MS Qualifier	MS Limits						
4-Bromofluorobenzene (Surr)	123		70 - 130						
1,4-Difluorobenzene (Surr)	92		70 - 130						

Lab Sample ID: 880-24224-1 MSD

Matrix: Solid

Analysis Batch: 45648

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

Prep Type: Total/NA

Prep Batch: 45604

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.100	0.09599		mg/Kg		96	70 - 130	6	35
Toluene	<0.00201	U	0.100	0.09255		mg/Kg		92	70 - 130	7	35
Ethylbenzene	<0.00201	U	0.100	0.09306		mg/Kg		93	70 - 130	14	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1971		mg/Kg		98	70 - 130	15	35
o-Xylene	<0.00201	U	0.100	0.1042		mg/Kg		104	70 - 130	8	35
Surrogate	%Recovery	MSD Qualifier	MSD Limits								
4-Bromofluorobenzene (Surr)	110		70 - 130								
1,4-Difluorobenzene (Surr)	101		70 - 130								

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

Lab Sample ID: MB 880-45238/1-A

Matrix: Solid

Analysis Batch: 45228

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 45238

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/02/23 09:29	02/02/23 08:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/02/23 09:29	02/02/23 08:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/02/23 09:29	02/02/23 08:59	1
Surrogate	%Recovery	MB Qualifier	MB Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				02/02/23 09:29	02/02/23 08:59	1
o-Terphenyl	135	S1+	70 - 130				02/02/23 09:29	02/02/23 08:59	1

Lab Sample ID: LCS 880-45238/2-A

Matrix: Solid

Analysis Batch: 45228

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 45238

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	999	879.4		mg/Kg		88	70 - 130
Diesel Range Organics (Over C10-C28)	999	947.2		mg/Kg		95	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (1.13.23)

Job ID: 880-24224-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-45238/2-A
Matrix: Solid
Analysis Batch: 45228

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 45238

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	75		70 - 130
o-Terphenyl	79		70 - 130

Lab Sample ID: LCSD 880-45238/3-A
Matrix: Solid
Analysis Batch: 45228

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 45238

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			999	761.5		mg/Kg		76	70 - 130	14	20
Diesel Range Organics (Over C10-C28)			999	932.5		mg/Kg		93	70 - 130	2	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	73		70 - 130
o-Terphenyl	79		70 - 130

Lab Sample ID: 880-24224-1 MS
Matrix: Solid
Analysis Batch: 45228

Client Sample ID: S-1 (0-3")
Prep Type: Total/NA
Prep Batch: 45238

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	1239		mg/Kg		122	70 - 130		
Diesel Range Organics (Over C10-C28)	80.3		1000	945.9		mg/Kg		87	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	98		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: 880-24224-1 MSD
Matrix: Solid
Analysis Batch: 45228

Client Sample ID: S-1 (0-3")
Prep Type: Total/NA
Prep Batch: 45238

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	1179		mg/Kg		116	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	80.3		998	896.5		mg/Kg		82	70 - 130	5	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	94		70 - 130
o-Terphenyl	100		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox 20 State 5H (1.13.23)

Job ID: 880-24224-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-45235/1-A

Matrix: Solid

Analysis Batch: 45288

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			02/02/23 15:35	1

Lab Sample ID: LCS 880-45235/2-A

Matrix: Solid

Analysis Batch: 45288

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	256.8		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-45235/3-A

Matrix: Solid

Analysis Batch: 45288

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	259.6		mg/Kg		104	90 - 110	1	20

Lab Sample ID: 880-24224-1 MS

Matrix: Solid

Analysis Batch: 45288

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	<5.05	U	253	263.0		mg/Kg		103	90 - 110

Lab Sample ID: 880-24224-1 MSD

Matrix: Solid

Analysis Batch: 45288

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	<5.05	U	253	264.9		mg/Kg		103	90 - 110	1	20

Lab Sample ID: 880-24224-11 MS

Matrix: Solid

Analysis Batch: 45288

Client Sample ID: S-2 (12")

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	8.64		249	271.6		mg/Kg		106	90 - 110

Lab Sample ID: 880-24224-11 MSD

Matrix: Solid

Analysis Batch: 45288

Client Sample ID: S-2 (12")

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	8.64		249	276.5		mg/Kg		108	90 - 110	2	20

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QC Association Summary

Client: Carmona Resources
Project/Site: Myox 20 State 5H (1.13.23)

Job ID: 880-24224-1
SDG: Eddy County, New Mexico

GC VOA

Prep Batch: 45604

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24224-1	S-1 (0-3")	Total/NA	Solid	5035	
880-24224-2	S-1 (6")	Total/NA	Solid	5035	
880-24224-3	S-1 (12")	Total/NA	Solid	5035	
880-24224-4	S-1 (18")	Total/NA	Solid	5035	
880-24224-5	S-1 (2.5')	Total/NA	Solid	5035	
880-24224-6	S-1 (3.0')	Total/NA	Solid	5035	
880-24224-7	S-1 (4.0')	Total/NA	Solid	5035	
880-24224-8	S-1 (5.0')	Total/NA	Solid	5035	
880-24224-9	S-2 (0-3")	Total/NA	Solid	5035	
880-24224-10	S-2 (6")	Total/NA	Solid	5035	
880-24224-11	S-2 (12")	Total/NA	Solid	5035	
880-24224-12	S-2 (18")	Total/NA	Solid	5035	
880-24224-13	S-2 (2.0')	Total/NA	Solid	5035	
MB 880-45604/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-45604/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-45604/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-24224-1 MS	S-1 (0-3")	Total/NA	Solid	5035	
880-24224-1 MSD	S-1 (0-3")	Total/NA	Solid	5035	

Analysis Batch: 45648

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24224-1	S-1 (0-3")	Total/NA	Solid	8021B	45604
880-24224-2	S-1 (6")	Total/NA	Solid	8021B	45604
880-24224-3	S-1 (12")	Total/NA	Solid	8021B	45604
880-24224-4	S-1 (18")	Total/NA	Solid	8021B	45604
880-24224-5	S-1 (2.5')	Total/NA	Solid	8021B	45604
880-24224-6	S-1 (3.0')	Total/NA	Solid	8021B	45604
880-24224-7	S-1 (4.0')	Total/NA	Solid	8021B	45604
880-24224-8	S-1 (5.0')	Total/NA	Solid	8021B	45604
880-24224-9	S-2 (0-3")	Total/NA	Solid	8021B	45604
880-24224-10	S-2 (6")	Total/NA	Solid	8021B	45604
880-24224-11	S-2 (12")	Total/NA	Solid	8021B	45604
880-24224-12	S-2 (18")	Total/NA	Solid	8021B	45604
880-24224-13	S-2 (2.0')	Total/NA	Solid	8021B	45604
MB 880-45604/5-A	Method Blank	Total/NA	Solid	8021B	45604
LCS 880-45604/1-A	Lab Control Sample	Total/NA	Solid	8021B	45604
LCSD 880-45604/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	45604
880-24224-1 MS	S-1 (0-3")	Total/NA	Solid	8021B	45604
880-24224-1 MSD	S-1 (0-3")	Total/NA	Solid	8021B	45604

Analysis Batch: 45713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24224-1	S-1 (0-3")	Total/NA	Solid	Total BTEX	
880-24224-2	S-1 (6")	Total/NA	Solid	Total BTEX	
880-24224-3	S-1 (12")	Total/NA	Solid	Total BTEX	
880-24224-4	S-1 (18")	Total/NA	Solid	Total BTEX	
880-24224-5	S-1 (2.5')	Total/NA	Solid	Total BTEX	
880-24224-6	S-1 (3.0')	Total/NA	Solid	Total BTEX	
880-24224-7	S-1 (4.0')	Total/NA	Solid	Total BTEX	
880-24224-8	S-1 (5.0')	Total/NA	Solid	Total BTEX	
880-24224-9	S-2 (0-3")	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Myox 20 State 5H (1.13.23)

Job ID: 880-24224-1
SDG: Eddy County, New Mexico

GC VOA (Continued)

Analysis Batch: 45713 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24224-10	S-2 (6")	Total/NA	Solid	Total BTEX	
880-24224-11	S-2 (12")	Total/NA	Solid	Total BTEX	
880-24224-12	S-2 (18")	Total/NA	Solid	Total BTEX	
880-24224-13	S-2 (2.0')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 45228

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24224-1	S-1 (0-3")	Total/NA	Solid	8015B NM	45238
880-24224-2	S-1 (6")	Total/NA	Solid	8015B NM	45238
880-24224-3	S-1 (12")	Total/NA	Solid	8015B NM	45238
880-24224-4	S-1 (18")	Total/NA	Solid	8015B NM	45238
880-24224-5	S-1 (2.5')	Total/NA	Solid	8015B NM	45238
880-24224-6	S-1 (3.0')	Total/NA	Solid	8015B NM	45238
880-24224-7	S-1 (4.0')	Total/NA	Solid	8015B NM	45238
880-24224-8	S-1 (5.0')	Total/NA	Solid	8015B NM	45238
880-24224-9	S-2 (0-3")	Total/NA	Solid	8015B NM	45238
880-24224-10	S-2 (6")	Total/NA	Solid	8015B NM	45238
880-24224-11	S-2 (12")	Total/NA	Solid	8015B NM	45238
880-24224-12	S-2 (18")	Total/NA	Solid	8015B NM	45238
880-24224-13	S-2 (2.0')	Total/NA	Solid	8015B NM	45238
MB 880-45238/1-A	Method Blank	Total/NA	Solid	8015B NM	45238
LCS 880-45238/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	45238
LCSD 880-45238/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	45238
880-24224-1 MS	S-1 (0-3")	Total/NA	Solid	8015B NM	45238
880-24224-1 MSD	S-1 (0-3")	Total/NA	Solid	8015B NM	45238

Prep Batch: 45238

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24224-1	S-1 (0-3")	Total/NA	Solid	8015NM Prep	
880-24224-2	S-1 (6")	Total/NA	Solid	8015NM Prep	
880-24224-3	S-1 (12")	Total/NA	Solid	8015NM Prep	
880-24224-4	S-1 (18")	Total/NA	Solid	8015NM Prep	
880-24224-5	S-1 (2.5')	Total/NA	Solid	8015NM Prep	
880-24224-6	S-1 (3.0')	Total/NA	Solid	8015NM Prep	
880-24224-7	S-1 (4.0')	Total/NA	Solid	8015NM Prep	
880-24224-8	S-1 (5.0')	Total/NA	Solid	8015NM Prep	
880-24224-9	S-2 (0-3")	Total/NA	Solid	8015NM Prep	
880-24224-10	S-2 (6")	Total/NA	Solid	8015NM Prep	
880-24224-11	S-2 (12")	Total/NA	Solid	8015NM Prep	
880-24224-12	S-2 (18")	Total/NA	Solid	8015NM Prep	
880-24224-13	S-2 (2.0')	Total/NA	Solid	8015NM Prep	
MB 880-45238/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-45238/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-45238/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-24224-1 MS	S-1 (0-3")	Total/NA	Solid	8015NM Prep	
880-24224-1 MSD	S-1 (0-3")	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Myox 20 State 5H (1.13.23)

Job ID: 880-24224-1
SDG: Eddy County, New Mexico

GC Semi VOA

Analysis Batch: 45271

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24224-1	S-1 (0-3")	Total/NA	Solid	8015 NM	
880-24224-2	S-1 (6")	Total/NA	Solid	8015 NM	
880-24224-3	S-1 (12")	Total/NA	Solid	8015 NM	
880-24224-4	S-1 (18")	Total/NA	Solid	8015 NM	
880-24224-5	S-1 (2.5')	Total/NA	Solid	8015 NM	
880-24224-6	S-1 (3.0')	Total/NA	Solid	8015 NM	
880-24224-7	S-1 (4.0')	Total/NA	Solid	8015 NM	
880-24224-8	S-1 (5.0')	Total/NA	Solid	8015 NM	
880-24224-9	S-2 (0-3")	Total/NA	Solid	8015 NM	
880-24224-10	S-2 (6")	Total/NA	Solid	8015 NM	
880-24224-11	S-2 (12")	Total/NA	Solid	8015 NM	
880-24224-12	S-2 (18")	Total/NA	Solid	8015 NM	
880-24224-13	S-2 (2.0')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 45235

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24224-1	S-1 (0-3")	Soluble	Solid	DI Leach	
880-24224-2	S-1 (6")	Soluble	Solid	DI Leach	
880-24224-3	S-1 (12")	Soluble	Solid	DI Leach	
880-24224-4	S-1 (18")	Soluble	Solid	DI Leach	
880-24224-5	S-1 (2.5')	Soluble	Solid	DI Leach	
880-24224-6	S-1 (3.0')	Soluble	Solid	DI Leach	
880-24224-7	S-1 (4.0')	Soluble	Solid	DI Leach	
880-24224-8	S-1 (5.0')	Soluble	Solid	DI Leach	
880-24224-9	S-2 (0-3")	Soluble	Solid	DI Leach	
880-24224-10	S-2 (6")	Soluble	Solid	DI Leach	
880-24224-11	S-2 (12")	Soluble	Solid	DI Leach	
880-24224-12	S-2 (18")	Soluble	Solid	DI Leach	
880-24224-13	S-2 (2.0')	Soluble	Solid	DI Leach	
MB 880-45235/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-45235/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-45235/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-24224-1 MS	S-1 (0-3")	Soluble	Solid	DI Leach	
880-24224-1 MSD	S-1 (0-3")	Soluble	Solid	DI Leach	
880-24224-11 MS	S-2 (12")	Soluble	Solid	DI Leach	
880-24224-11 MSD	S-2 (12")	Soluble	Solid	DI Leach	

Analysis Batch: 45288

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24224-1	S-1 (0-3")	Soluble	Solid	300.0	45235
880-24224-2	S-1 (6")	Soluble	Solid	300.0	45235
880-24224-3	S-1 (12")	Soluble	Solid	300.0	45235
880-24224-4	S-1 (18")	Soluble	Solid	300.0	45235
880-24224-5	S-1 (2.5')	Soluble	Solid	300.0	45235
880-24224-6	S-1 (3.0')	Soluble	Solid	300.0	45235
880-24224-7	S-1 (4.0')	Soluble	Solid	300.0	45235
880-24224-8	S-1 (5.0')	Soluble	Solid	300.0	45235
880-24224-9	S-2 (0-3")	Soluble	Solid	300.0	45235
880-24224-10	S-2 (6")	Soluble	Solid	300.0	45235

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Myox 20 State 5H (1.13.23)

Job ID: 880-24224-1
SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 45288 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24224-11	S-2 (12")	Soluble	Solid	300.0	45235
880-24224-12	S-2 (18")	Soluble	Solid	300.0	45235
880-24224-13	S-2 (2.0')	Soluble	Solid	300.0	45235
MB 880-45235/1-A	Method Blank	Soluble	Solid	300.0	45235
LCS 880-45235/2-A	Lab Control Sample	Soluble	Solid	300.0	45235
LCSD 880-45235/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	45235
880-24224-1 MS	S-1 (0-3")	Soluble	Solid	300.0	45235
880-24224-1 MSD	S-1 (0-3")	Soluble	Solid	300.0	45235
880-24224-11 MS	S-2 (12")	Soluble	Solid	300.0	45235
880-24224-11 MSD	S-2 (12")	Soluble	Solid	300.0	45235

Lab Chronicle

Client: Carmona Resources
Project/Site: Myox 20 State 5H (1.13.23)

Job ID: 880-24224-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-24224-1

Date Collected: 01/30/23 00:00

Matrix: Solid

Date Received: 01/31/23 13:50

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	45604	02/06/23 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45648	02/07/23 11:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45713	02/07/23 16:26	MNR	EET MID
Total/NA	Analysis	8015 NM		1			45271	02/02/23 14:48	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	45238	02/02/23 09:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45228	02/02/23 11:35	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	45235	02/02/23 09:25	KS	EET MID
Soluble	Analysis	300.0		1			45288	02/02/23 15:53	CH	EET MID

Client Sample ID: S-1 (6")

Lab Sample ID: 880-24224-2

Date Collected: 01/30/23 00:00

Matrix: Solid

Date Received: 01/31/23 13:50

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	45604	02/06/23 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45648	02/07/23 11:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45713	02/07/23 16:26	MNR	EET MID
Total/NA	Analysis	8015 NM		1			45271	02/02/23 14:48	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	45238	02/02/23 09:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45228	02/02/23 12:42	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	45235	02/02/23 09:25	KS	EET MID
Soluble	Analysis	300.0		1			45288	02/02/23 16:12	CH	EET MID

Client Sample ID: S-1 (12")

Lab Sample ID: 880-24224-3

Date Collected: 01/30/23 00:00

Matrix: Solid

Date Received: 01/31/23 13:50

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	45604	02/06/23 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45648	02/07/23 12:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45713	02/07/23 16:26	MNR	EET MID
Total/NA	Analysis	8015 NM		1			45271	02/02/23 16:03	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	45238	02/02/23 09:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45228	02/02/23 14:55	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	45235	02/02/23 09:25	KS	EET MID
Soluble	Analysis	300.0		1			45288	02/02/23 16:18	CH	EET MID

Client Sample ID: S-1 (18")

Lab Sample ID: 880-24224-4

Date Collected: 01/30/23 00:00

Matrix: Solid

Date Received: 01/31/23 13:50

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	45604	02/06/23 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45648	02/07/23 16:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45713	02/08/23 11:08	MNR	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Myox 20 State 5H (1.13.23)

Job ID: 880-24224-1
SDG: Eddy County, New Mexico

Client Sample ID: S-1 (18")

Lab Sample ID: 880-24224-4

Date Collected: 01/30/23 00:00

Matrix: Solid

Date Received: 01/31/23 13:50

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			45271	02/02/23 16:03	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	45238	02/02/23 09:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45228	02/02/23 15:17	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	45235	02/02/23 09:25	KS	EET MID
Soluble	Analysis	300.0		1			45288	02/02/23 16:24	CH	EET MID

Client Sample ID: S-1 (2.5')

Lab Sample ID: 880-24224-5

Date Collected: 01/30/23 00:00

Matrix: Solid

Date Received: 01/31/23 13:50

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	45604	02/06/23 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45648	02/07/23 17:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45713	02/08/23 11:08	MNR	EET MID
Total/NA	Analysis	8015 NM		1			45271	02/02/23 16:03	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	45238	02/02/23 09:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45228	02/02/23 15:38	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	45235	02/02/23 09:25	KS	EET MID
Soluble	Analysis	300.0		1			45288	02/02/23 16:31	CH	EET MID

Client Sample ID: S-1 (3.0')

Lab Sample ID: 880-24224-6

Date Collected: 01/30/23 00:00

Matrix: Solid

Date Received: 01/31/23 13:50

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	45604	02/06/23 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45648	02/07/23 17:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45713	02/08/23 11:08	MNR	EET MID
Total/NA	Analysis	8015 NM		1			45271	02/03/23 11:33	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	45238	02/02/23 09:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45228	02/02/23 16:22	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	45235	02/02/23 09:25	KS	EET MID
Soluble	Analysis	300.0		1			45288	02/02/23 16:49	CH	EET MID

Client Sample ID: S-1 (4.0')

Lab Sample ID: 880-24224-7

Date Collected: 01/30/23 00:00

Matrix: Solid

Date Received: 01/31/23 13:50

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	45604	02/06/23 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45648	02/07/23 17:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45713	02/08/23 11:08	MNR	EET MID
Total/NA	Analysis	8015 NM		1			45271	02/03/23 11:33	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	45238	02/02/23 09:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45228	02/02/23 16:44	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Myox 20 State 5H (1.13.23)

Job ID: 880-24224-1
SDG: Eddy County, New Mexico

Client Sample ID: S-1 (4.0')

Date Collected: 01/30/23 00:00

Date Received: 01/31/23 13:50

Lab Sample ID: 880-24224-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	45235	02/02/23 09:25	KS	EET MID
Soluble	Analysis	300.0		1			45288	02/02/23 16:55	CH	EET MID

Client Sample ID: S-1 (5.0')

Date Collected: 01/30/23 00:00

Date Received: 01/31/23 13:50

Lab Sample ID: 880-24224-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	45604	02/06/23 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45648	02/07/23 18:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45713	02/08/23 11:08	MNR	EET MID
Total/NA	Analysis	8015 NM		1			45271	02/03/23 11:33	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	45238	02/02/23 09:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45228	02/02/23 17:05	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	45235	02/02/23 09:25	KS	EET MID
Soluble	Analysis	300.0		1			45288	02/02/23 17:01	CH	EET MID

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

Date Collected: 01/30/23 00:00

Date Received: 01/31/23 13:50

Lab Sample ID: 880-24224-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	45604	02/06/23 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45648	02/07/23 18:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45713	02/08/23 11:08	MNR	EET MID
Total/NA	Analysis	8015 NM		1			45271	02/03/23 11:33	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	45238	02/02/23 09:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45228	02/02/23 17:27	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	45235	02/02/23 09:25	KS	EET MID
Soluble	Analysis	300.0		1			45288	02/02/23 17:07	CH	EET MID

Client Sample ID: S-2 (6")

Date Collected: 01/30/23 00:00

Date Received: 01/31/23 13:50

Lab Sample ID: 880-24224-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	45604	02/06/23 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45648	02/07/23 18:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45713	02/08/23 11:08	MNR	EET MID
Total/NA	Analysis	8015 NM		1			45271	02/03/23 11:33	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	45238	02/02/23 09:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45228	02/02/23 17:49	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	45235	02/02/23 09:25	KS	EET MID
Soluble	Analysis	300.0		1			45288	02/02/23 17:14	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Myox 20 State 5H (1.13.23)

Job ID: 880-24224-1
SDG: Eddy County, New Mexico

Client Sample ID: S-2 (12")**Lab Sample ID: 880-24224-11****Date Collected: 01/30/23 00:00****Matrix: Solid****Date Received: 01/31/23 13:50**

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	45604	02/06/23 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45648	02/07/23 19:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45713	02/08/23 11:08	MNR	EET MID
Total/NA	Analysis	8015 NM		1			45271	02/03/23 11:33	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	45238	02/02/23 09:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45228	02/02/23 18:10	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	45235	02/02/23 09:25	KS	EET MID
Soluble	Analysis	300.0		1			45288	02/02/23 17:20	CH	EET MID

Client Sample ID: S-2 (18")**Lab Sample ID: 880-24224-12****Date Collected: 01/30/23 00:00****Matrix: Solid****Date Received: 01/31/23 13:50**

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	45604	02/06/23 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45648	02/07/23 19:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45713	02/08/23 11:08	MNR	EET MID
Total/NA	Analysis	8015 NM		1			45271	02/03/23 11:33	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	45238	02/02/23 09:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45228	02/02/23 18:32	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	45235	02/02/23 09:25	KS	EET MID
Soluble	Analysis	300.0		1			45288	02/02/23 17:38	CH	EET MID

Client Sample ID: S-2 (2.0')**Lab Sample ID: 880-24224-13****Date Collected: 01/30/23 00:00****Matrix: Solid****Date Received: 01/31/23 13:50**

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	45604	02/06/23 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45648	02/07/23 19:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45713	02/08/23 11:08	MNR	EET MID
Total/NA	Analysis	8015 NM		1			45271	02/03/23 11:33	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	45238	02/02/23 09:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	45228	02/02/23 18:53	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	45235	02/02/23 09:25	KS	EET MID
Soluble	Analysis	300.0		1			45288	02/02/23 17:44	CH	EET MID

Laboratory References:

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

Eurofins Midland

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Myox 20 State 5H (1.13.23)

Job ID: 880-24224-1
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 (1.13.23)

Job ID: 880-24224-1
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 (1.13.23)

Job ID: 880-24224-1
SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-24224-1	S-1 (0-3")	Solid	01/30/23 00:00	01/31/23 13:50
880-24224-2	S-1 (6")	Solid	01/30/23 00:00	01/31/23 13:50
880-24224-3	S-1 (12")	Solid	01/30/23 00:00	01/31/23 13:50
880-24224-4	S-1 (18")	Solid	01/30/23 00:00	01/31/23 13:50
880-24224-5	S-1 (2.5')	Solid	01/30/23 00:00	01/31/23 13:50
880-24224-6	S-1 (3.0')	Solid	01/30/23 00:00	01/31/23 13:50
880-24224-7	S-1 (4.0')	Solid	01/30/23 00:00	01/31/23 13:50
880-24224-8	S-1 (5.0')	Solid	01/30/23 00:00	01/31/23 13:50
880-24224-9	S-2 (0-3")	Solid	01/30/23 00:00	01/31/23 13:50
880-24224-10	S-2 (6")	Solid	01/30/23 00:00	01/31/23 13:50
880-24224-11	S-2 (12")	Solid	01/30/23 00:00	01/31/23 13:50
880-24224-12	S-2 (18")	Solid	01/30/23 00:00	01/31/23 13:50
880-24224-13	S-2 (2.0')	Solid	01/30/23 00:00	01/31/23 13:50

Work Order No: 24224

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@comconphilips.com

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

[illegible]

Sample Identification	Date	Time	Soil	Water	Grav/ Comp	# of Cont	TPH													Sample Comments
S-1 (0-3")	1/30/2023		X		G	1	X	X	X											
S-1 (6")	1/30/2023		X		G	1	X	X	X											
S-1 (12")	1/30/2023		X		G	1	X	X	X											
S-1 (18")	1/30/2023		X		G	1	X	X	X											
S-1 (25")	1/30/2023		X		G	1	X	X	X											
S-1 (30")	1/30/2023		X		G	1	X	X	X											
S-1 (40")	1/30/2023		X		G	1	X	X	X											
S-1 (50")	1/30/2023		X		G	1	X	X	X											
S-2 (0-3")	1/30/2023		X		G	1	X	X	X											
S-2 (6")	1/30/2023		X		G	1	X	X	X											



880-24224 Chain of Custody

402

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

[illegible]

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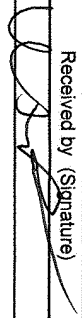
Work Order No: 24224

Page 2 of 2

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/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐			
State of Project:			
Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐			
Deliverables EDD ☐ ADAPT ☐ Other			

Project Name	Myox 20 State 5H (1 13 23)	Turn Around	☐ Routine ☒ Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes						
Project Number	1222	Due Date	72 Hrs														None NO	DI Water- H ₂ O					
Project Location	Eddy County, New Mexico																Cool Cool	MeOH Me					
Sampler's Name	MPM																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 Inact	Yes No	Thermometer ID														NaHSO ₄ NABIS							
Cooler Custody Seals	Yes No N/A	Correction Factor														Na ₂ S ₂ O ₅ NaSO ₃							
Sample Custody Seals	Yes No N/A	Temperature Reading														Zn Acetate+NaOH Zn							
Total Containers		Corrected Temperature														NaOH+Ascorbic Acid	SAPC						
Sample Identification				Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
S-2 (12")	1/30/2023		X		G	1	X	X	X														
S-2 (18")	1/30/2023		X		G	1	X	X	X														
S-2 (20")	1/30/2023		X		G	1	X	X	X														
										Loc: 880													
										24224													

Comments Email to Mike Carmona / Mccarmona@carmonarresources.com and Conner Moehring / Cmoehring@carmonarresources.com

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	4/3/23 1330		

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-24224-1

SDG Number: Eddy County, New Mexico

Login Number: 24224

List Source: Eurofins Midland

List Number: 1

Creator: Rodriguez, Leticia

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

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 205416

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 205416
	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 #NAPP2303243459 MYOX 20 FEDERAL COM 005H, thank you. This closure is approved.	8/25/2023