

CARMONA RESOURCES



SITE INFORMATION

Closure Report
Myox State 31-0 CTB (07.31.22)
Incident # NAPP2222742172
Eddy County, New Mexico
Unit O Sec 31 T25S R28E
32.07956°, -104.12285°

Produced Water Release
Point of Release: Hole in Transfer Pump
Release Date: 07.31.22
Volume Released: 5.983 barrels of Produced Water
Volume Recovered: 5 barrels of Produced Water

CARMONA RESOURCES



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

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

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

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October 27, 2022

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

Re: Closure Report
Myox State 31-0 CTB (07.31.22)
Concho Operating, LLC
Incident ID NAPP2222742172
Site Location: Unit O, S31, T25S, R28E
(Lat 32.07956°, Long -104.12285°)
Eddy County, New Mexico

Mr. Bratcher:

On behalf of Concho Operating, LLC (COG), Carmona Resources, LLC has prepared this letter to document site assessment activities. The site is located at 32.07956, -104.12285 within Unit O, S31, 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 July 31, 2022, due to a hole in the transfer pump caused by corrosion. It released approximately 5.983 barrels of produced water, and five (5) 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 high karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water source is within a 0.50-mile radius of the location. The nearest identified well is approximately 1.73 miles Northeast of the site in S29, T25S, R28E and was drilled in 1948. The well has a reported depth to groundwater of 14.89' feet below the ground surface (ft bgs). A copy of the associated Summary Report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

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

4.0 Site Assessment Activities

Initial Assessment

On August 17, 2022, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of three (3) sample points (S-1 through S-3) and three (3)



horizontal sample points (H-1 through H-3) were installed to total depths ranging from surface to 4.5 ft below the surface. Soil samples were collected and submitted to the laboratory for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The sample locations are shown in Figure 3, and Refer to Table 1 for the analysis.

5.0 Remediation Activities

Carmona Resources personnel were onsite to supervise the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via email on October 13, 2022, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The area of S-1 was excavated to a depth of 1.5' below the surface, the area of S-2 was excavated to a depth of 4.0' below the surface, and the area of S-3 was excavated to a depth of 5.0' below the surface to remove all the impacted soils. A total of six (6) confirmation floor samples were collected (CS-1 through CS-6), and twelve (12) sidewall samples (SW-1 through SW-12) were collected every 200 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figure 4.

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

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 100 cubic yards of material were excavated and transported offsite for proper disposal.

6.0 Conclusions

Based on the assessment results and the analytical data, no further actions are required at the site. The final C-141 is attached, and COG formally requests closure of the spill. If you have any questions regarding this report or need additional information, don't hesitate to get in touch with us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

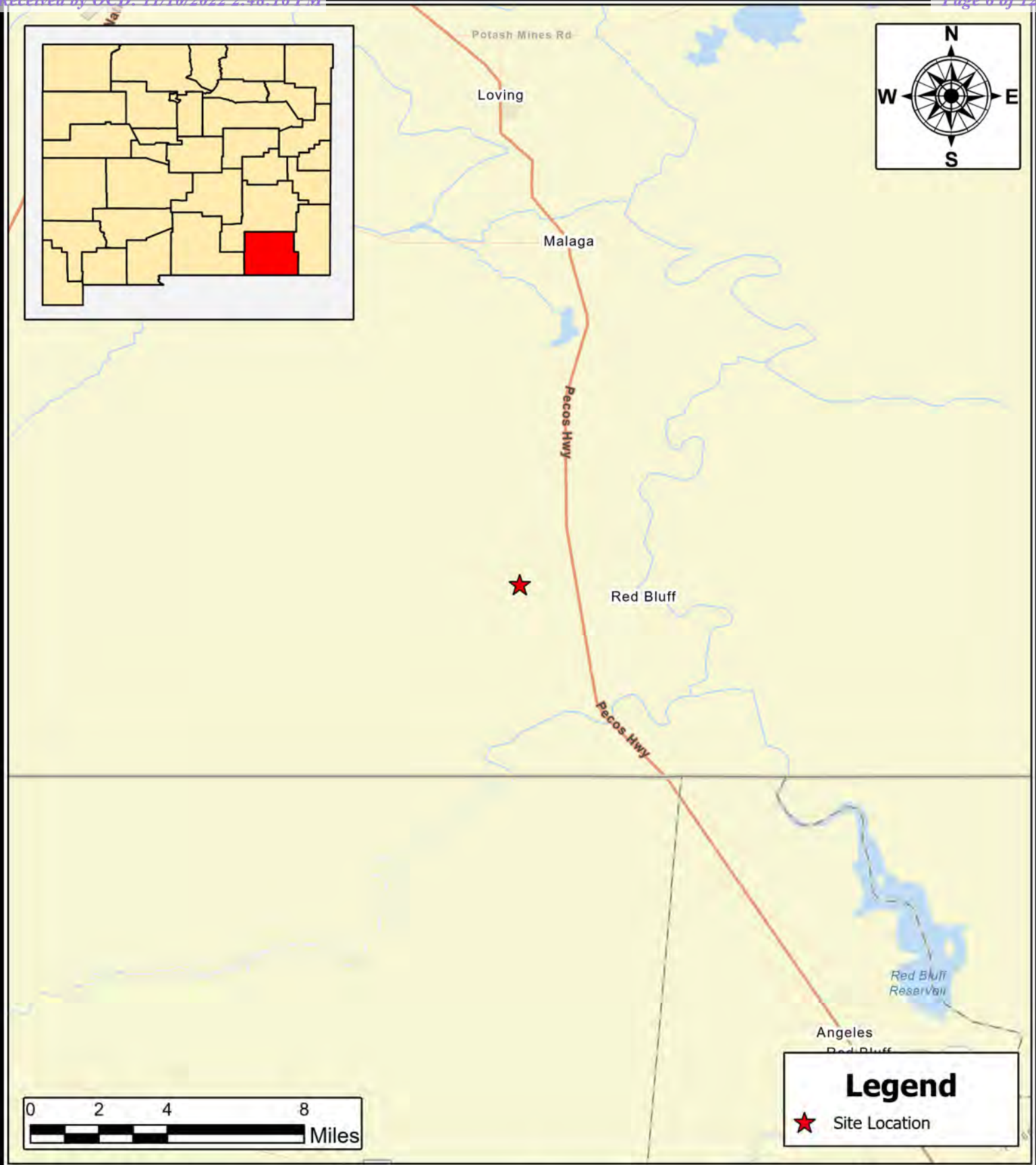
Mike Carmona
Environmental Manager

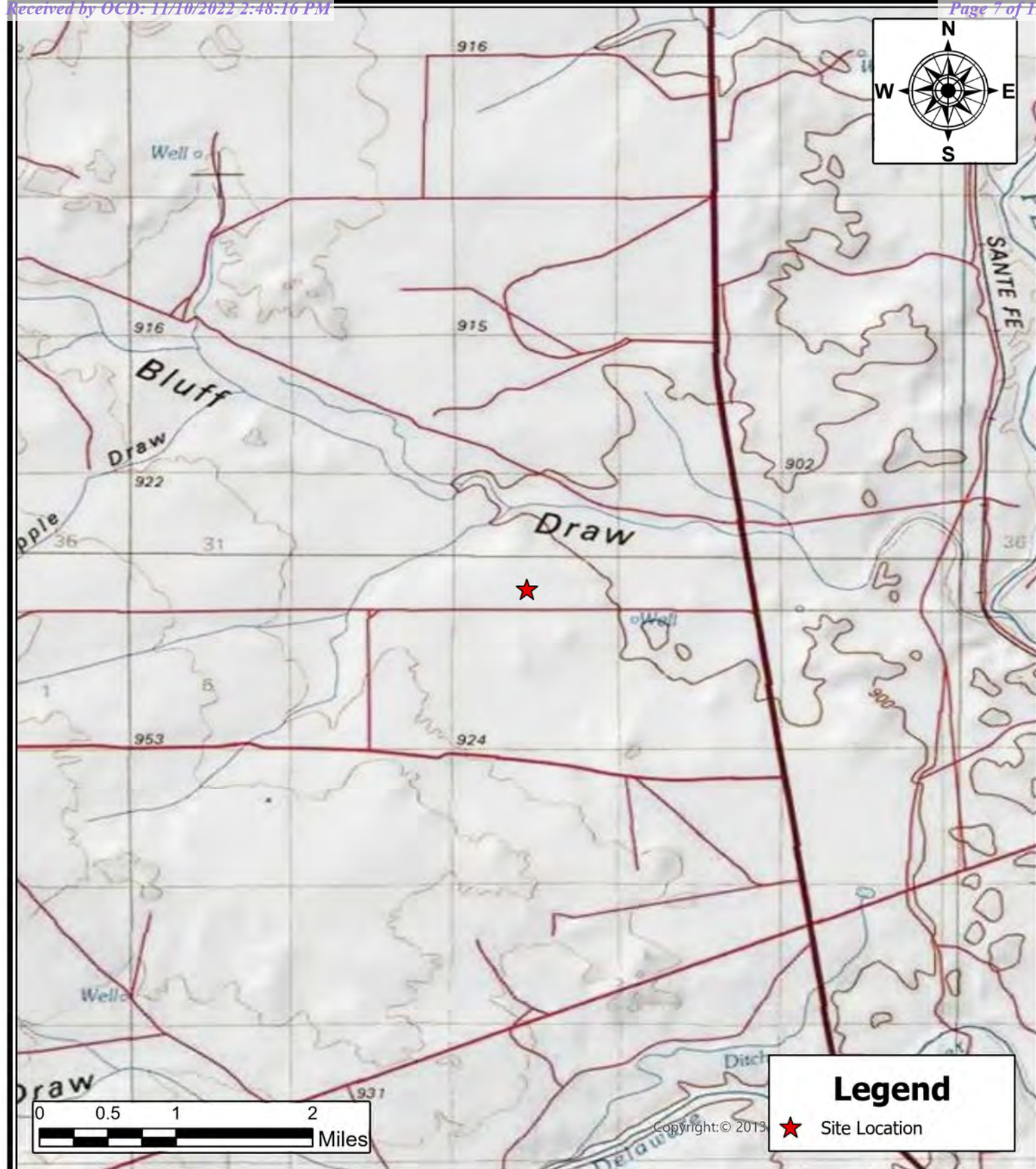
Conner Moehring
Sr. Project Manager

FIGURES

CARMONA RESOURCES







TOPOGRAPHIC MAP
COG OPERATING
 MYOX STATE 31-O CTB (07.31.22)
 EDDY COUNTY, NEW MEXICO
 32.081100, -104.126700

SCALE: As Shown

Date: 8/12/2022



Carmona Resources
 310 West Wall Street, Suite 415
 Midland, Texas 79701

NOTES:

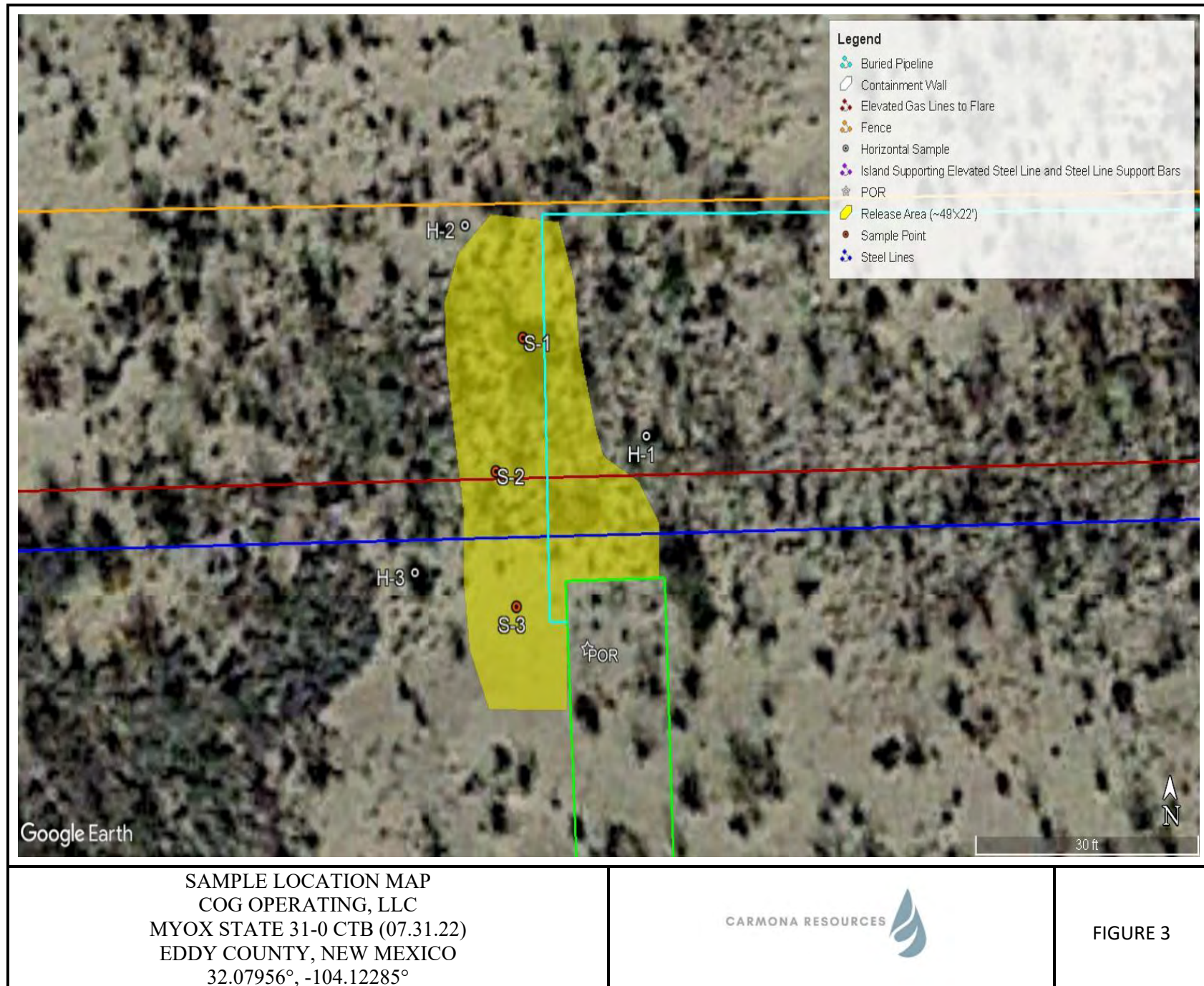
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

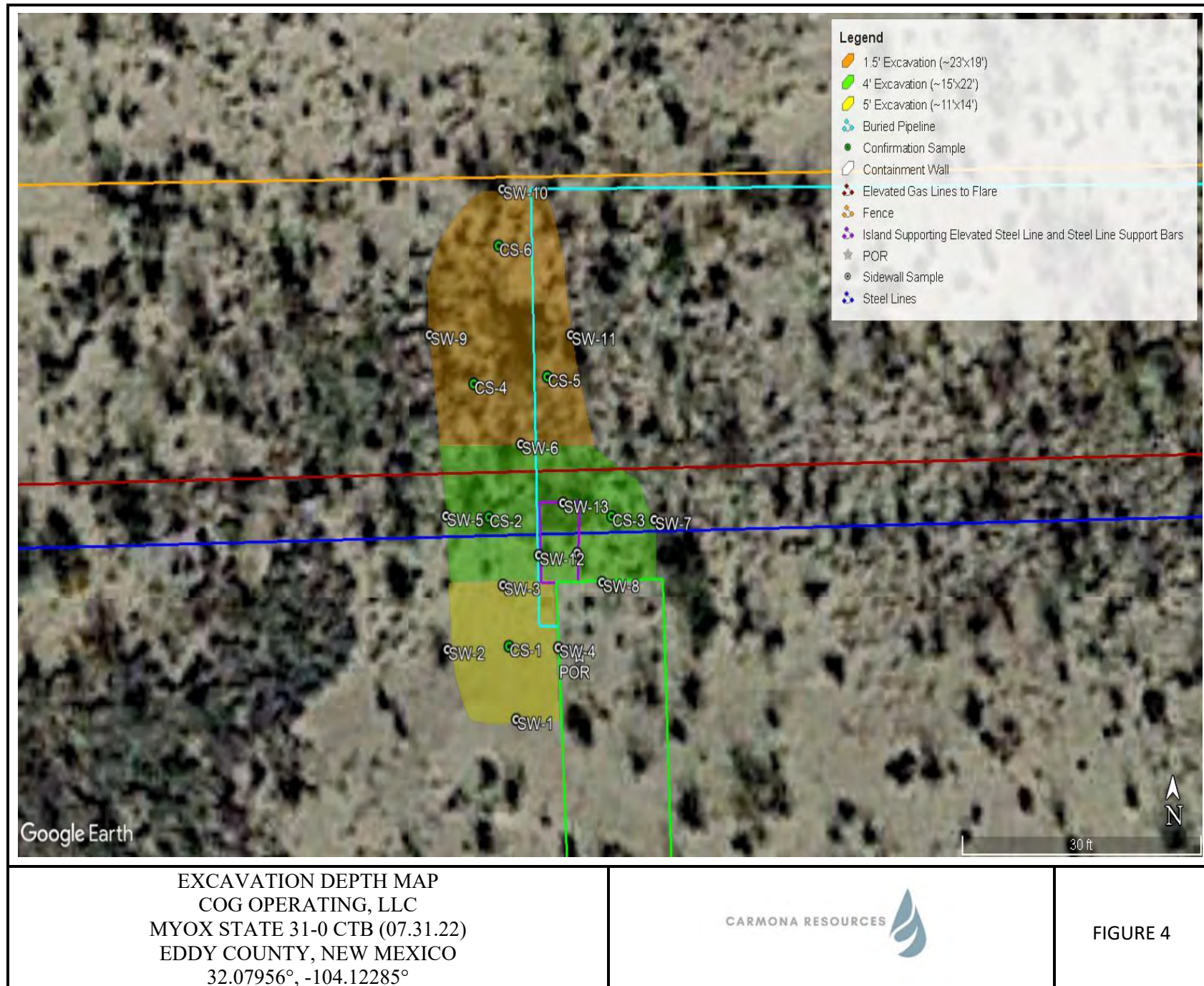
DRAWING NUMBER:

FIGURE 2

SHEET NUMBER:

1 of 1





APPENDIX A

CARMONA RESOURCES



Table 1
COG
Myox State 31-0 CTB
Eddy County, New Mexico

Sample ID	Date	Depth (in)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-1	8/17/2022	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	362
	"	0.5-1	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	12,700
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	216
S-2	8/17/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	12,600
	"	0.5-1	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	21,400
	"	1.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	11,300
	"	2.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,120
	"	3.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	636
S-3	8/17/2022	0-0.5	<49.9	52.7	<49.9	52.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	14,300
	"	0.5-1	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	23,100
	"	1.5	<49.9	63.9	<49.9	63.9	<0.00200	0.00208	<0.00200	<0.00399	<0.00399	15,000
	"	2.5	<50.0	58.6	<50.0	58.6	<0.00199	0.00233	<0.00199	<0.00398	<0.00398	11,700
	"	3.5	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	1,360
	"	4.5	<50.0	50.3	<50.0	50.3	<0.00199	0.00412	<0.00199	<0.00398	0.00412	2,520
H-1	8/17/2022	0-0.5	<49.9	65.7	<49.9	65.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	17.8
H-2	8/17/2022	0-0.5	<49.8	50.8	<49.8	50.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	618
H-3	8/17/2022	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	654
Regulatory Criteria^A						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

In-inches

(S) Sample Point

(H) Horizontal

 Removed

Table 2
COG
Myox State 31-0 CTB (07.31.22)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)	
			GRO	DRO	MRO	Total							
CS-1	10/18/2022	5.0	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	28.5	
CS-2	10/18/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	17.1	
CS-3	10/18/2022	4.0	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	18.6	
CS-4	10/18/2022	1.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	15.9	
CS-5	10/18/2022	1.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	26.9	
CS-6	10/18/2022	1.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	19.5	
SW-1	10/18/2022	5.0	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	17.0	
SW-2	10/18/2022	5.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	14.6	
SW-3	10/18/2022	1.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	14.9	
SW-4	10/18/2022	5.0	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	20.0	
SW-5	10/18/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	20.0	
SW-6	10/18/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	15.9	
SW-7	10/18/2022	4.0	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	485	
SW-8	10/18/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	15.3	
SW-9	10/18/2022	1.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	16.6	
SW-10	10/18/2022	1.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	15.9	
SW-11	10/18/2022	1.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	14.8	
SW-12	10/18/2022	4.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	14.2	
SW-13	10/18/2022	4.0	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	21.0	
SW-14	10/18/2022	4.0	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	18.7	
Regulatory Criteria ^A							100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft - feet

(CS) - Confirmation Sample

(SW) - Side Wall

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Concho Operating, LLC

Photograph No. 1

Facility: Myox State 31-0 CTB (07.31.22)

County: Eddy County, New Mexico

Description:

View South, area of Confirmation Samples (4-6).



Photograph No. 2

Facility: Myox State 31-0 CTB (07.31.22)

County: Eddy County, New Mexico

Description:

View Southeast, area of confirmation samples (2-3).



Photograph No. 3

Facility: Myox State 31-0 CTB (07.31.22)

County: Eddy County, New Mexico

Description:

View Northeast.



PHOTOGRAPHIC LOG

Concho Operating, LLC

Photograph No. 4

Facility: Myox State 31-0 CTB (07.31.22)

County: Eddy County, New Mexico

Description:

View Southwest, area of Confirmation Samples (4-6).



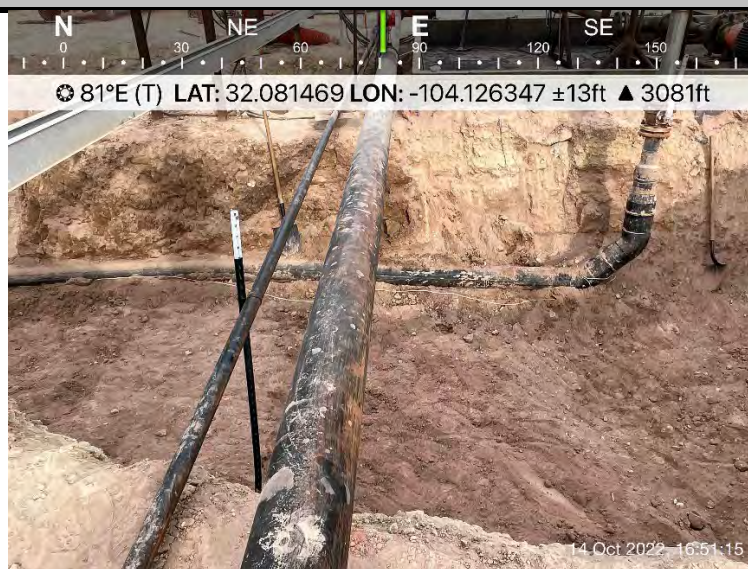
Photograph No. 5

Facility: Myox State 31-0 CTB (07.31.22)

County: Eddy County, New Mexico

Description:

View East, area of Confirmation Sample (1).



APPENDIX C

CARMONA RESOURCES



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

State of New Mexico
Energy Minerals and Natural
Resources Department

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

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

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

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

Location of Release Source

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

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

Unit Letter	Section	Township	Range	County

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

Nature and Volume of Release

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

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

Cause of Release

Incident ID	
District RP	
Facility ID	
Application ID	

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

Initial Response

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

☐ The source of the release has been stopped.	
☐ The impacted area has been secured to protect human health and the environment.	
☐ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
☐ All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: _____	Title: _____
Signature: <u></u>	Date: _____
email: _____	Telephone: _____
<u>OCD Only</u>	
Received by: <u>Jocelyn Harimon</u>	Date: <u>08/15/2022</u>

L48 Spill Volume Estimate Form

Received by OCD: 11/10/2022 2:48:16 PM

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ber:	Myox 31-O CTB	
Asset Area:	DBWN	NAPP2222742172
Release Discovery Date & Time:	7/31/2022	
Release Type:	Other	
Provide any known details about the event:	Transfer pump discharge line 100% water	

Spill Calculation - On Pad Surface Pool Spill

Convert Irregular shape into a series of rectangles	Length (ft.)	Width (ft.)	Deepest point in each of the areas (in.)	No. of boundaries of "shore" in each area	Estimated <u>Pool</u> Area (sq. ft.)	Estimated Average Depth (ft.)	Estimated volume of each pool area (bbl.)	Penetration allowance (ft.)	Total Estimated Volume of Spill (bbl.)
Rectangle A	25.0	8.0	6.00	3	200.000	0.167	5.933	0.008	5.983
Rectangle B					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Rectangle C					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Rectangle D					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Rectangle E					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Rectangle F					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Rectangle G					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Rectangle H					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Rectangle I					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Total Volume Release:									5.983

Released to Imaging: 1/12/2023 2:52:16 PM

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 133913

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 133913
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	None	8/15/2022

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

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

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

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

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

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

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: _____ Title: _____

Signature: Jacqueline Harimon Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: 11/10/2022

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

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

- ☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☐ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: _____ Title: _____

Signature: Jocelyn Harimon Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: 11/10/2022

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

Closure Approved by: Jennifer Nobui Date: _____

Printed Name: _____ Title: _____

From: [Mike Carmona](#)
To: OCD.Enviro@emnrd.nm.gov <OCD.Enviro@emnrd.nm.gov>
Cc: [Harris, Jacqui](#); [Miranda Milwee](#); [Conner Moehring](#)
Subject: COG - Myox State 31-0 CTB (07.31.22) 48 Hour Sampling Notification
Date: Thursday, October 13, 2022 9:18:20 AM
Attachments: [FDEB81D9946E4440B4130CFED2DE001B.png](#)

Good Morning,

On behalf of COG, Carmona Resources will collect confirmation samples for the at-risk remediation at the below-referenced site on 10/17/22 around 8:00 a.m. Mountain Time. Please let me know if you have any questions.

COG - Myox State 31-0 CTB (07.31.22)
Sec 31 T25S R28E Unit N
32.081503 -104.126322
Eddy County, New Mexico

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

CARMONA RESOURCES



APPENDIX D

CARMONA RESOURCES



NEAREST WATER WELL

COG OPERATING

Legend

- 0.50 Mile Radius
- 1.73 Miles
- 1.83 Miles
- 1.89 Miles
- 2.13 Miles
- 2.14 Miles
- Myox State 31-0 CTB (07.31.22)
- NMSEO Water Well
- USGS Water Well



1 mi

HIGH KARST

COG OPERATING

Legend



High



Medium



Myox State 31-0 CTB (07.31.22)

Myox State 31-0 CTB (07.31.22)



3000 ft



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 02478	CUB	ED		2	1	05	26S	28E		583848	3549325*	1495	100		
C 03938 POD1	CUB	ED		2	2	2	25	25S	27E	581482	3552616	3006	21	12	9
C 03836 POD1	C	ED		2	2	4	29	25S	28E	584682	3551934	3141	300	30	270
C 04371 POD1	CUB	ED		3	3	4	26	25S	27E	579369	3551272	3403	100	69	31
C 01278	C	ED		4	3	28	25S	28E		585470	3551338*	3437	205	90	115
C 02474	CUB	ED		4	3	02	26S	27E		578964	3548029*	3861	100		
C 01573 POD1	C	ED		3	1	4	20	25S	28E	584144	3553361	3995	176	96	80

Average Depth to Water: **59 feet**

Minimum Depth: **12 feet**

Maximum Depth: **96 feet**

Record Count: 7

UTMNA83 Radius Search (in meters):

Easting (X): 582416.56

Northing (Y): 3549758.68

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.

8/12/22 8:23 AM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng	X	Y
C	03938 POD1	2	2	2	25	25S	27E	581482	3552616 
Driller License:	1711	Driller Company:				STRAUB CORPORATION			
Driller Name:	EDWARD BRYAN								
Drill Start Date:	03/08/2016	Drill Finish Date:				03/08/2016	Plug Date:		
Log File Date:	03/22/2016	PCW Rev Date:				Source:			Shallow
Pump Type:	Pipe Discharge Size:				Estimated Yield:				
Casing Size:	2.00	Depth Well:				21 feet	Depth Water:		12 feet
Casing Perforations:					Top	Bottom			
					6	21			

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



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)				(quarters are smallest to largest)				(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y		
NA	C 04371 POD1	3	3	4	26	25S	27E	579369	3551272		
x											
Driller License:		1456		Driller Company:			WHITE DRILLING COMPANY				
Driller Name:		WHITE, JOHNNOWN.GENER									
Drill Start Date:		10/17/2019		Drill Finish Date:			10/17/2019		Plug Date:		10/17/2019
Log File Date:		11/04/2019		PCW Rcv Date:					Source:		Shallow
Pump Type:		Pipe Discharge Size:							Estimated Yield:		
Casing Size:		Depth Well:			100 feet			Depth Water:		69 feet	
x											
Water Bearing Stratifications:				Top	Bottom	Description					
				5	100	Other/Unknown					

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



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)				(NAD83 UTM in meters)			
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
C	01573 POD1	3	1	4	20	25S	28E	584144	3553361 

Driller License:	46	Driller Company:	ABBOTT BROTHERS COMPANY						
Driller Name:	MURRELL ABBOTT								
Drill Start Date:	01/15/1975	Drill Finish Date:	01/20/1975				Plug Date:		
Log File Date:	01/23/1975	PCW Rev Date:					Source:	Shallow	
Pump Type:		Pipe Discharge Size:					Estimated Yield:	50 GPM	
Casing Size:	7.00	Depth Well:	176 feet				Depth Water:	96 feet	

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.



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National Water Information System: Web Interface

USGS Water Resources

Data Category: Geographic Area:

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- [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 =

- 320557104061601

Minimum number of levels = 1

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

USGS 320557104061601 25S.28E.29.41243

Eddy County, New Mexico

Latitude 32°05'57", Longitude 104°06'16" NAD27

Land-surface elevation 2,968 feet above NAVD88

The depth of the well is 60 feet below land surface.

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

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measur
1948-12-06			D	62610	2951.52	NGVD29	1		Z	
1948-12-06			D	62611	2953.11	NAVD88	1		Z	
1948-12-06			D	72019	14.89		1		Z	

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static

Section	Code	Description
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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[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)
Title: Groundwater for New Mexico: Water Levels
URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>



Page Contact Information: [New Mexico Water Data Maintainer](#)
Page Last Modified: 2022-08-12 10:40:59 EDT
0.29 0.24 nadww01

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	?
				Groundwater	New Mexico	GO	

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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 =

- 320557104061501

Minimum number of levels = 1

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

USGS 320557104061501 25S.28E.29.41243A

Eddy County, New Mexico

Latitude 32°05'56.0", Longitude 104°06'22.6" NAD83

Land-surface elevation 2,968.90 feet above NGVD29

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

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
1978-01-12			D 62610		2948.65	NGVD29	P		Z	
1978-01-12			D 62611		2950.24	NAVD88	P		Z	
1978-01-12			D 72019	20.25			P		Z	
1983-02-01			D 62610		2955.90	NGVD29	1		Z	
1983-02-01			D 62611		2957.49	NAVD88	1		Z	
1983-02-01			D 72019	13.00			1		Z	
1987-10-13			D 62610		2957.11	NGVD29	1		Z	
1987-10-13			D 62611		2958.70	NAVD88	1		Z	
1987-10-13			D 72019	11.79			1		Z	
1992-11-04			D 62610		2953.67	NGVD29	P		S	
1992-11-04			D 62611		2955.26	NAVD88	P		S	
1992-11-04			D 72019	15.23			P		S	
1998-01-23			D 62610		2953.60	NGVD29	1		S	
1998-01-23			D 62611		2955.19	NAVD88	1		S	
1998-01-23			D 72019	15.30			1		S	

Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum
2003-01-28	D	62610	2948.57	NGVD29	1	S USGS
2003-01-28	D	62611	2950.16	NAVD88	1	S USGS
2003-01-28	D	72019	20.33		1	S USGS
2013-01-10 20:20 UTC	m	62610		NGVD29	0	S USGS
2013-01-10 20:20 UTC	m	62611		NAVD88	0	S USGS
2013-01-10 20:20 UTC	m	72019			0	S USGS

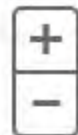
Explanation

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

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Page Last Modified: 2022-08-12 10:39:14 EDT

0.28 0.24 nadww02



▼ Data Layers

- ☒ FEMA National Flood Hazard Layer
 - ☒ NFHL Data as of 7/05/2016
 - ☒ Flood Control Structures
 - Bridge
 - Dam, Weir
 - All Other Structures
 - Levees
 - Cross Sections
 - Base Flood Elevations (BFE)
 - Water Features
 - Letter of Map Revision (LOMR)
 - Water Areas
 - ☒ Flood Hazard Areas
 - 1% Annual Chance Flood Hazard (A, AE)
 - Shallow Flooding (AO, AH)
 - 0.2% Annual Chance Flood Hazard
 - Area with reduced risk due to levee
 - Unstudied Area, Flooding Possible (D)
 - ☐ FIRM Panels
 - ☐ Census Populated Places
 - ☐ Community Anchor Institutions
 - ☐ HUC Boundaries

► Measure

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32.07956 -104.12285

Search Result

Y:32.079560 X:-104.122850

0.4km

APPENDIX E

CARMONA RESOURCES





Environment Testing
America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-18311-1

Laboratory Sample Delivery Group: Eddy Co. NM
Client Project/Site: Myox State 31-0 CTB (07.31.22)
Revision: 1

For:

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

Attn: Ashton Thielke

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

Authorized for release by:
9/14/2022 5:54:19 PM

Jessica Kramer, Project Manager
(432)704-5440

Jessica.Kramer@et.eurofinsus.com

LINKS

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results through



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www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.31.22)

Laboratory Job ID: 880-18311-1
SDG: Eddy Co. NM

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QC Sample Results	21
QC Association Summary	29
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Definitions/Glossary

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.31.22)

Job ID: 880-18311-1
SDG: Eddy Co. NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.31.22)

Job ID: 880-18311-1
SDG: Eddy Co. NM

Job ID: 880-18311-1**Laboratory: Eurofins Midland****Narrative**

Job Narrative
880-18311-1

REVISION

The report being provided is a revision of the original report sent on 8/25/2022. The report (revision 1) is being revised due to Per client email, correcting sample IDs to match COCs.

Report revision history

Receipt

The samples were received on 8/18/2022 11:50 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.3°C

GC VOA

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-32613 and analytical batch 880-32708 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: Surrogate recovery for the following samples were outside control limits: (LCS 880-32613/1-A) and (LCSD 880-32613/2-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.

GC Semi VOA

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-32428 and analytical batch 880-32384 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (880-18314-A-21-A), (880-18314-A-21-B MS) and (880-18314-A-21-C MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-3 (1.5') (880-18311-11) and S-3 (2.5') (880-18311-12). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: H-3 (0-0.5') (880-18311-17). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: S-3 (4.5') (880-18311-14). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-32429 and analytical batch 880-32386 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-32487 and analytical batch 880-32694 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because

Case Narrative

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.31.22)

Job ID: 880-18311-1
SDG: Eddy Co. NM

Job ID: 880-18311-1 (Continued)

Laboratory: Eurofins Midland (Continued)

the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

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Client Sample Results

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.31.22)

Job ID: 880-18311-1
SDG: Eddy Co. NM

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

Lab Sample ID: 880-18311-1

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 11:50

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/22/22 09:32	08/23/22 05:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/22/22 09:32	08/23/22 05:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/22/22 09:32	08/23/22 05:56	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/22/22 09:32	08/23/22 05:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/22/22 09:32	08/23/22 05:56	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/22/22 09:32	08/23/22 05:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	08/22/22 09:32	08/23/22 05:56	1
1,4-Difluorobenzene (Surr)	103		70 - 130	08/22/22 09:32	08/23/22 05:56	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/23/22 10:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/19/22 10:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/18/22 13:42	08/19/22 03:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/18/22 13:42	08/19/22 03:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/18/22 13:42	08/19/22 03:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130	08/18/22 13:42	08/19/22 03:10	1
o-Terphenyl	84		70 - 130	08/18/22 13:42	08/19/22 03:10	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12700	F1	100		mg/Kg			08/23/22 21:35	20

Client Sample ID: S-1 (0.5-1')

Lab Sample ID: 880-18311-2

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 11:50

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/22/22 09:32	08/23/22 06:16	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/22/22 09:32	08/23/22 06:16	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/22/22 09:32	08/23/22 06:16	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/22/22 09:32	08/23/22 06:16	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/22/22 09:32	08/23/22 06:16	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/22/22 09:32	08/23/22 06:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	08/22/22 09:32	08/23/22 06:16	1
1,4-Difluorobenzene (Surr)	96		70 - 130	08/22/22 09:32	08/23/22 06:16	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.31.22)

Job ID: 880-18311-1
SDG: Eddy Co. NM

Client Sample ID: S-1 (0.5-1')

Lab Sample ID: 880-18311-2

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 11:50

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/23/22 10:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/19/22 10:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/18/22 13:42	08/19/22 03:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/18/22 13:42	08/19/22 03:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/18/22 13:42	08/19/22 03:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				08/18/22 13:42	08/19/22 03:31	1
o-Terphenyl	82		70 - 130				08/18/22 13:42	08/19/22 03:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	362		5.00		mg/Kg			08/24/22 19:51	1

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-18311-3

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 11:50

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/22/22 09:32	08/23/22 06:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/22/22 09:32	08/23/22 06:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/22/22 09:32	08/23/22 06:36	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/22/22 09:32	08/23/22 06:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/22/22 09:32	08/23/22 06:36	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/22/22 09:32	08/23/22 06:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				08/22/22 09:32	08/23/22 06:36	1
1,4-Difluorobenzene (Surr)	99		70 - 130				08/22/22 09:32	08/23/22 06:36	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/23/22 10:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/19/22 10:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/18/22 13:42	08/19/22 03:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/18/22 13:42	08/19/22 03:53	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.31.22)

Job ID: 880-18311-1
SDG: Eddy Co. NM

Client Sample ID: S-1 (1.5')

Date Collected: 08/17/22 00:00

Date Received: 08/18/22 11:50

Lab Sample ID: 880-18311-3

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/18/22 13:42	08/19/22 03:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				08/18/22 13:42	08/19/22 03:53	1
o-Terphenyl	92		70 - 130				08/18/22 13:42	08/19/22 03:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	216		4.97		mg/Kg			08/24/22 20:00	1

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

Date Collected: 08/17/22 00:00

Date Received: 08/18/22 11:50

Lab Sample ID: 880-18311-4

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/22/22 09:32	08/23/22 06:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/22/22 09:32	08/23/22 06:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/22/22 09:32	08/23/22 06:57	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/22/22 09:32	08/23/22 06:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/22/22 09:32	08/23/22 06:57	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/22/22 09:32	08/23/22 06:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				08/22/22 09:32	08/23/22 06:57	1
1,4-Difluorobenzene (Surr)	102		70 - 130				08/22/22 09:32	08/23/22 06:57	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			08/23/22 10:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/19/22 10:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/18/22 13:42	08/19/22 04:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/18/22 13:42	08/19/22 04:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/18/22 13:42	08/19/22 04:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				08/18/22 13:42	08/19/22 04:15	1
o-Terphenyl	81		70 - 130				08/18/22 13:42	08/19/22 04:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21400		251		mg/Kg			08/23/22 22:21	50

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.31.22)

Job ID: 880-18311-1
SDG: Eddy Co. NM

Client Sample ID: S-2 (0.5-1')

Lab Sample ID: 880-18311-5

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 11:50

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/22/22 09:32	08/23/22 08:47	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/22/22 09:32	08/23/22 08:47	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/22/22 09:32	08/23/22 08:47	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/22/22 09:32	08/23/22 08:47	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/22/22 09:32	08/23/22 08:47	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/22/22 09:32	08/23/22 08:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	08/22/22 09:32	08/23/22 08:47	1
1,4-Difluorobenzene (Surr)	103		70 - 130	08/22/22 09:32	08/23/22 08:47	1

Method: 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			08/23/22 10:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/19/22 10:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/18/22 13:42	08/19/22 04:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/18/22 13:42	08/19/22 04:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/18/22 13:42	08/19/22 04:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130	08/18/22 13:42	08/19/22 04:37	1
o-Terphenyl	92		70 - 130	08/18/22 13:42	08/19/22 04:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12600		99.0		mg/Kg			08/23/22 22:30	20

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-18311-6

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 11:50

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/22/22 09:32	08/23/22 09:07	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/22/22 09:32	08/23/22 09:07	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/22/22 09:32	08/23/22 09:07	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/22/22 09:32	08/23/22 09:07	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/22/22 09:32	08/23/22 09:07	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/22/22 09:32	08/23/22 09:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	08/22/22 09:32	08/23/22 09:07	1
1,4-Difluorobenzene (Surr)	97		70 - 130	08/22/22 09:32	08/23/22 09:07	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.31.22)

Job ID: 880-18311-1
SDG: Eddy Co. NM

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-18311-6

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 11:50

Method: 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			08/23/22 10:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/19/22 10:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/18/22 13:42	08/19/22 04:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/18/22 13:42	08/19/22 04:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/18/22 13:42	08/19/22 04:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				08/18/22 13:42	08/19/22 04:59	1
o-Terphenyl	86		70 - 130				08/18/22 13:42	08/19/22 04:59	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11300		99.2		mg/Kg			08/23/22 22:58	20

Client Sample ID: S-2 (2.5')

Lab Sample ID: 880-18311-7

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 11:50

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/22/22 09:32	08/23/22 09:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/22/22 09:32	08/23/22 09:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/22/22 09:32	08/23/22 09:28	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/22/22 09:32	08/23/22 09:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/22/22 09:32	08/23/22 09:28	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/22/22 09:32	08/23/22 09:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				08/22/22 09:32	08/23/22 09:28	1
1,4-Difluorobenzene (Surr)	100		70 - 130				08/22/22 09:32	08/23/22 09:28	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/23/22 10:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/19/22 10:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/18/22 13:42	08/19/22 05:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/18/22 13:42	08/19/22 05:20	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.31.22)

Job ID: 880-18311-1
SDG: Eddy Co. NM

Client Sample ID: S-2 (2.5')

Date Collected: 08/17/22 00:00

Date Received: 08/18/22 11:50

Lab Sample ID: 880-18311-7

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/18/22 13:42	08/19/22 05:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				08/18/22 13:42	08/19/22 05:20	1
o-Terphenyl	92		70 - 130				08/18/22 13:42	08/19/22 05:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1120		49.6		mg/Kg			08/23/22 23:07	10

Client Sample ID: S-2 (3.5')

Date Collected: 08/17/22 00:00

Date Received: 08/18/22 11:50

Lab Sample ID: 880-18311-8

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/22/22 09:32	08/23/22 09:48	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/22/22 09:32	08/23/22 09:48	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/22/22 09:32	08/23/22 09:48	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/22/22 09:32	08/23/22 09:48	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/22/22 09:32	08/23/22 09:48	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/22/22 09:32	08/23/22 09:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				08/22/22 09:32	08/23/22 09:48	1
1,4-Difluorobenzene (Surr)	103		70 - 130				08/22/22 09:32	08/23/22 09:48	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/23/22 10:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/19/22 10:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/18/22 13:42	08/19/22 05:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/18/22 13:42	08/19/22 05:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/18/22 13:42	08/19/22 05:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				08/18/22 13:42	08/19/22 05:42	1
o-Terphenyl	85		70 - 130				08/18/22 13:42	08/19/22 05:42	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	636		49.9		mg/Kg			08/23/22 23:16	10

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Client Sample Results

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.31.22)

Job ID: 880-18311-1
SDG: Eddy Co. NM

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

Lab Sample ID: 880-18311-9

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 11:50

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		08/22/22 09:32	08/23/22 10:09	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/22/22 09:32	08/23/22 10:09	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/22/22 09:32	08/23/22 10:09	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		08/22/22 09:32	08/23/22 10:09	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/22/22 09:32	08/23/22 10:09	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		08/22/22 09:32	08/23/22 10:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	08/22/22 09:32	08/23/22 10:09	1
1,4-Difluorobenzene (Surr)	97		70 - 130	08/22/22 09:32	08/23/22 10:09	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			08/23/22 10:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/19/22 10:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/18/22 13:42	08/19/22 06:04	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/18/22 13:42	08/19/22 06:04	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/18/22 13:42	08/19/22 06:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	08/18/22 13:42	08/19/22 06:04	1
o-Terphenyl	89		70 - 130	08/18/22 13:42	08/19/22 06:04	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23100		251		mg/Kg			08/23/22 23:25	50

Client Sample ID: S-3 (0.5-1')

Lab Sample ID: 880-18311-10

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 11:50

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/22/22 09:32	08/23/22 10:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/22/22 09:32	08/23/22 10:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/22/22 09:32	08/23/22 10:29	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/22/22 09:32	08/23/22 10:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/22/22 09:32	08/23/22 10:29	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/22/22 09:32	08/23/22 10:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	08/22/22 09:32	08/23/22 10:29	1
1,4-Difluorobenzene (Surr)	95		70 - 130	08/22/22 09:32	08/23/22 10:29	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.31.22)

Job ID: 880-18311-1
SDG: Eddy Co. NM

Client Sample ID: S-3 (0.5-1')

Lab Sample ID: 880-18311-10

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 11:50

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			08/23/22 10:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	52.7		49.9		mg/Kg			08/19/22 10:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/18/22 13:46	08/18/22 23:10	1
Diesel Range Organics (Over C10-C28)	52.7		49.9		mg/Kg		08/18/22 13:46	08/18/22 23:10	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/18/22 13:46	08/18/22 23:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130				08/18/22 13:46	08/18/22 23:10	1
o-Terphenyl	80		70 - 130				08/18/22 13:46	08/18/22 23:10	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14300		99.8		mg/Kg			08/23/22 23:34	20

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-18311-11

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 11:50

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/22/22 09:32	08/23/22 10:49	1
Toluene	0.00208		0.00200		mg/Kg		08/22/22 09:32	08/23/22 10:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/22/22 09:32	08/23/22 10:49	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/22/22 09:32	08/23/22 10:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/22/22 09:32	08/23/22 10:49	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/22/22 09:32	08/23/22 10:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				08/22/22 09:32	08/23/22 10:49	1
1,4-Difluorobenzene (Surr)	101		70 - 130				08/22/22 09:32	08/23/22 10:49	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/23/22 10:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	63.9		49.9		mg/Kg			08/19/22 10:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/18/22 13:46	08/18/22 23:32	1
Diesel Range Organics (Over C10-C28)	63.9		49.9		mg/Kg		08/18/22 13:46	08/18/22 23:32	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.31.22)

Job ID: 880-18311-1
SDG: Eddy Co. NM

Client Sample ID: S-3 (1.5')

Date Collected: 08/17/22 00:00

Date Received: 08/18/22 11:50

Lab Sample ID: 880-18311-11

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/18/22 13:46	08/18/22 23:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130				08/18/22 13:46	08/18/22 23:32	1
o-Terphenyl	74		70 - 130				08/18/22 13:46	08/18/22 23:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15000	F1	99.4		mg/Kg			08/23/22 23:44	20

Client Sample ID: S-3 (2.5')

Date Collected: 08/17/22 00:00

Date Received: 08/18/22 11:50

Lab Sample ID: 880-18311-12

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/22/22 09:32	08/23/22 11:10	1
Toluene	0.00233		0.00199		mg/Kg		08/22/22 09:32	08/23/22 11:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/22/22 09:32	08/23/22 11:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/22/22 09:32	08/23/22 11:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/22/22 09:32	08/23/22 11:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/22/22 09:32	08/23/22 11:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				08/22/22 09:32	08/23/22 11:10	1
1,4-Difluorobenzene (Surr)	102		70 - 130				08/22/22 09:32	08/23/22 11:10	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/23/22 10:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	58.6		50.0		mg/Kg			08/19/22 10:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/18/22 13:46	08/18/22 23:54	1
Diesel Range Organics (Over C10-C28)	58.6		50.0		mg/Kg		08/18/22 13:46	08/18/22 23:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/18/22 13:46	08/18/22 23:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	67	S1-	70 - 130				08/18/22 13:46	08/18/22 23:54	1
o-Terphenyl	76		70 - 130				08/18/22 13:46	08/18/22 23:54	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11700		99.6		mg/Kg			08/24/22 00:11	20

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Client Sample Results

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.31.22)

Job ID: 880-18311-1
SDG: Eddy Co. NM

Client Sample ID: S-3 (3.5')

Lab Sample ID: 880-18311-13

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 11:50

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/22/22 09:32	08/23/22 11:30	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/22/22 09:32	08/23/22 11:30	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/22/22 09:32	08/23/22 11:30	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/22/22 09:32	08/23/22 11:30	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/22/22 09:32	08/23/22 11:30	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/22/22 09:32	08/23/22 11:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	08/22/22 09:32	08/23/22 11:30	1
1,4-Difluorobenzene (Surr)	103		70 - 130	08/22/22 09:32	08/23/22 11:30	1

Method: 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			08/23/22 10:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/19/22 10:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/18/22 13:46	08/19/22 00:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/18/22 13:46	08/19/22 00:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/18/22 13:46	08/19/22 00:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130	08/18/22 13:46	08/19/22 00:15	1
o-Terphenyl	78		70 - 130	08/18/22 13:46	08/19/22 00:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1360		50.5		mg/Kg			08/24/22 00:20	10

Client Sample ID: S-3 (4.5')

Lab Sample ID: 880-18311-14

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 11:50

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/22/22 09:32	08/23/22 11:51	1
Toluene	0.00412		0.00199		mg/Kg		08/22/22 09:32	08/23/22 11:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/22/22 09:32	08/23/22 11:51	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/22/22 09:32	08/23/22 11:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/22/22 09:32	08/23/22 11:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/22/22 09:32	08/23/22 11:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	08/22/22 09:32	08/23/22 11:51	1
1,4-Difluorobenzene (Surr)	105		70 - 130	08/22/22 09:32	08/23/22 11:51	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.31.22)

Job ID: 880-18311-1
SDG: Eddy Co. NM

Client Sample ID: S-3 (4.5')

Lab Sample ID: 880-18311-14

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 11:50

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00412		0.00398		mg/Kg			08/23/22 10:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	50.3		50.0		mg/Kg			08/19/22 10:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/18/22 13:46	08/19/22 00:37	1
Diesel Range Organics (Over C10-C28)	50.3		50.0		mg/Kg		08/18/22 13:46	08/19/22 00:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/18/22 13:46	08/19/22 00:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	58	S1-	70 - 130				08/18/22 13:46	08/19/22 00:37	1
o-Terphenyl	62	S1-	70 - 130				08/18/22 13:46	08/19/22 00:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2520		50.0		mg/Kg			08/24/22 00:48	10

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

Lab Sample ID: 880-18311-15

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 11:50

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/22/22 09:35	08/23/22 12:17	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/22/22 09:35	08/23/22 12:17	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/22/22 09:35	08/23/22 12:17	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/22/22 09:35	08/23/22 12:17	1
o-Xylene	<0.00201	U *	0.00201		mg/Kg		08/22/22 09:35	08/23/22 12:17	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/22/22 09:35	08/23/22 12:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				08/22/22 09:35	08/23/22 12:17	1
1,4-Difluorobenzene (Surr)	99		70 - 130				08/22/22 09:35	08/23/22 12:17	1

Method: 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			08/23/22 10:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	65.7		49.9		mg/Kg			08/19/22 10:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/18/22 13:46	08/19/22 00:59	1
Diesel Range Organics (Over C10-C28)	65.7		49.9		mg/Kg		08/18/22 13:46	08/19/22 00:59	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.31.22)

Job ID: 880-18311-1
SDG: Eddy Co. NM

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

Lab Sample ID: 880-18311-15

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 11:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/18/22 13:46	08/19/22 00:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130				08/18/22 13:46	08/19/22 00:59	1
o-Terphenyl	76		70 - 130				08/18/22 13:46	08/19/22 00:59	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.8		4.98		mg/Kg			08/24/22 20:10	1

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

Lab Sample ID: 880-18311-16

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 11:50

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/22/22 09:35	08/23/22 12:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/22/22 09:35	08/23/22 12:38	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/22/22 09:35	08/23/22 12:38	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/22/22 09:35	08/23/22 12:38	1
o-Xylene	<0.00199	U *	0.00199		mg/Kg		08/22/22 09:35	08/23/22 12:38	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/22/22 09:35	08/23/22 12:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				08/22/22 09:35	08/23/22 12:38	1
1,4-Difluorobenzene (Surr)	93		70 - 130				08/22/22 09:35	08/23/22 12:38	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/23/22 10:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	50.8		49.8		mg/Kg			08/19/22 10:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/18/22 13:46	08/19/22 01:21	1
Diesel Range Organics (Over C10-C28)	50.8		49.8		mg/Kg		08/18/22 13:46	08/19/22 01:21	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/18/22 13:46	08/19/22 01:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				08/18/22 13:46	08/19/22 01:21	1
o-Terphenyl	75		70 - 130				08/18/22 13:46	08/19/22 01:21	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	618		49.6		mg/Kg			08/24/22 01:06	10

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Client Sample Results

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.31.22)

Job ID: 880-18311-1
SDG: Eddy Co. NM

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

Lab Sample ID: 880-18311-17

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 11:50

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/22/22 09:35	08/23/22 12:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/22/22 09:35	08/23/22 12:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/22/22 09:35	08/23/22 12:58	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/22/22 09:35	08/23/22 12:58	1
o-Xylene	<0.00200	U *	0.00200		mg/Kg		08/22/22 09:35	08/23/22 12:58	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/22/22 09:35	08/23/22 12:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	08/22/22 09:35	08/23/22 12:58	1
1,4-Difluorobenzene (Surr)	92		70 - 130	08/22/22 09:35	08/23/22 12:58	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/23/22 10:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/19/22 10:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/18/22 13:46	08/19/22 01:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/18/22 13:46	08/19/22 01:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/18/22 13:46	08/19/22 01:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	62	S1-	70 - 130	08/18/22 13:46	08/19/22 01:43	1
o-Terphenyl	66	S1-	70 - 130	08/18/22 13:46	08/19/22 01:43	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	654		25.2		mg/Kg			08/24/22 01:16	5

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Surrogate Summary

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.31.22)

Job ID: 880-18311-1
SDG: Eddy Co. NM

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)
880-18311-1	S-1 (0-0.5')	99	103
880-18311-2	S-1 (0.5-1')	97	96
880-18311-3	S-1 (1.5')	99	99
880-18311-4	S-2 (0-0.5')	106	102
880-18311-5	S-2 (0.5-1')	97	103
880-18311-6	S-2 (1.5')	102	97
880-18311-7	S-2 (2.5')	103	100
880-18311-8	S-2 (3.5')	95	103
880-18311-9	S-3 (0-0.5')	97	97
880-18311-10	S-3 (0.5-1')	103	95
880-18311-11	S-3 (1.5')	101	101
880-18311-12	S-3 (2.5')	105	102
880-18311-13	S-3 (3.5')	101	103
880-18311-14	S-3 (4.5')	101	105
880-18311-15	H-1 (0-0.5')	118	99
880-18311-15 MS	H-1 (0-0.5')	124	107
880-18311-15 MSD	H-1 (0-0.5')	122	97
880-18311-16	H-2 (0-0.5')	115	93
880-18311-17	H-3 (0-0.5')	121	92
880-18373-A-1-A MS	Matrix Spike	102	96
880-18373-A-1-B MSD	Matrix Spike Duplicate	99	93
LCS 880-32609/1-A	Lab Control Sample	100	99
LCS 880-32613/1-A	Lab Control Sample	137 S1+	109
LCSD 880-32609/2-A	Lab Control Sample Dup	106	99
LCSD 880-32613/2-A	Lab Control Sample Dup	139 S1+	106
MB 880-32594/5-A	Method Blank	78	117
MB 880-32609/5-A	Method Blank	80	112
MB 880-32613/5-A	Method Blank	87	88
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)
880-18311-1	S-1 (0-0.5')	100	84
880-18311-2	S-1 (0.5-1')	99	82
880-18311-3	S-1 (1.5')	108	92
880-18311-4	S-2 (0-0.5')	92	81
880-18311-5	S-2 (0.5-1')	110	92
880-18311-6	S-2 (1.5')	101	86
880-18311-7	S-2 (2.5')	106	92
880-18311-8	S-2 (3.5')	98	85
880-18311-9	S-3 (0-0.5')	104	89
880-18311-10	S-3 (0.5-1')	71	80
880-18311-11	S-3 (1.5')	69 S1-	74

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Surrogate Summary

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.31.22)

Job ID: 880-18311-1
SDG: Eddy Co. NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-18311-12	S-3 (2.5')	67 S1-	76
880-18311-13	S-3 (3.5')	71	78
880-18311-14	S-3 (4.5')	58 S1-	62 S1-
880-18311-15	H-1 (0-0.5')	72	76
880-18311-16	H-2 (0-0.5')	70	75
880-18311-17	H-3 (0-0.5')	62 S1-	66 S1-
880-18313-A-1-B MS	Matrix Spike	117	94
880-18313-A-1-C MSD	Matrix Spike Duplicate	101	90
880-18314-A-21-B MS	Matrix Spike	63 S1-	60 S1-
880-18314-A-21-C MSD	Matrix Spike Duplicate	52 S1-	53 S1-
LCS 880-32428/2-A	Lab Control Sample	92	92
LCS 880-32429/2-A	Lab Control Sample	94	94
LCSD 880-32428/3-A	Lab Control Sample Dup	91	92
LCSD 880-32429/3-A	Lab Control Sample Dup	99	96
MB 880-32428/1-A	Method Blank	99	95
MB 880-32429/1-A	Method Blank	77	80

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.31.22)

Job ID: 880-18311-1
SDG: Eddy Co. NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-32594/5-A

Matrix: Solid

Analysis Batch: 32625

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32594

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/22/22 08:59	08/22/22 15:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/22/22 08:59	08/22/22 15:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/22/22 08:59	08/22/22 15:49	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/22/22 08:59	08/22/22 15:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/22/22 08:59	08/22/22 15:49	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/22/22 08:59	08/22/22 15:49	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		70 - 130	08/22/22 08:59	08/22/22 15:49	1
1,4-Difluorobenzene (Surr)	117		70 - 130	08/22/22 08:59	08/22/22 15:49	1

Lab Sample ID: MB 880-32609/5-A

Matrix: Solid

Analysis Batch: 32625

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32609

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/22/22 09:32	08/23/22 03:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/22/22 09:32	08/23/22 03:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/22/22 09:32	08/23/22 03:24	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/22/22 09:32	08/23/22 03:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/22/22 09:32	08/23/22 03:24	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/22/22 09:32	08/23/22 03:24	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130	08/22/22 09:32	08/23/22 03:24	1
1,4-Difluorobenzene (Surr)	112		70 - 130	08/22/22 09:32	08/23/22 03:24	1

Lab Sample ID: LCS 880-32609/1-A

Matrix: Solid

Analysis Batch: 32625

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32609

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09456		mg/Kg		95	70 - 130
Toluene	0.100	0.1053		mg/Kg		105	70 - 130
Ethylbenzene	0.100	0.1048		mg/Kg		105	70 - 130
m-Xylene & p-Xylene	0.200	0.1943		mg/Kg		97	70 - 130
o-Xylene	0.100	0.1035		mg/Kg		103	70 - 130

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

Lab Sample ID: LCSD 880-32609/2-A

Matrix: Solid

Analysis Batch: 32625

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32609

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1028		mg/Kg		103	70 - 130	8	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.31.22)

Job ID: 880-18311-1
SDG: Eddy Co. NM

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

Lab Sample ID: LCSD 880-32609/2-A

Matrix: Solid

Analysis Batch: 32625

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32609

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.1144		mg/Kg		114	70 - 130	8	35
Ethylbenzene	0.100	0.1115		mg/Kg		112	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.2063		mg/Kg		103	70 - 130	6	35
o-Xylene	0.100	0.1104		mg/Kg		110	70 - 130	7	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-18373-A-1-A MS

Matrix: Solid

Analysis Batch: 32625

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 32609

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.100	0.08685		mg/Kg		87	70 - 130
Toluene	<0.00201	U	0.100	0.09588		mg/Kg		95	70 - 130
Ethylbenzene	<0.00201	U	0.100	0.09528		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.201	0.1433		mg/Kg		71	70 - 130
o-Xylene	<0.00201	U	0.100	0.09444		mg/Kg		94	70 - 130

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

Lab Sample ID: 880-18373-A-1-B MSD

Matrix: Solid

Analysis Batch: 32625

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 32609

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0998	0.08994		mg/Kg		90	70 - 130	4	35
Toluene	<0.00201	U	0.0998	0.09290		mg/Kg		93	70 - 130	3	35
Ethylbenzene	<0.00201	U	0.0998	0.09459		mg/Kg		95	70 - 130	1	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1394		mg/Kg		70	70 - 130	3	35
o-Xylene	<0.00201	U	0.0998	0.09284		mg/Kg		93	70 - 130	2	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: MB 880-32613/5-A

Matrix: Solid

Analysis Batch: 32708

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32613

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/22/22 09:35	08/23/22 11:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/22/22 09:35	08/23/22 11:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/22/22 09:35	08/23/22 11:55	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/22/22 09:35	08/23/22 11:55	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.31.22)

Job ID: 880-18311-1
SDG: Eddy Co. NM

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

Lab Sample ID: MB 880-32613/5-A

Matrix: Solid

Analysis Batch: 32708

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32613

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/22/22 09:35	08/23/22 11:55	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/22/22 09:35	08/23/22 11:55	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130	08/22/22 09:35	08/23/22 11:55	1
1,4-Difluorobenzene (Surr)	88		70 - 130	08/22/22 09:35	08/23/22 11:55	1

Lab Sample ID: LCS 880-32613/1-A

Matrix: Solid

Analysis Batch: 32708

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32613

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1026		mg/Kg		103	70 - 130
Toluene	0.100	0.09861		mg/Kg		99	70 - 130
Ethylbenzene	0.100	0.1128		mg/Kg		113	70 - 130
m-Xylene & p-Xylene	0.200	0.2421		mg/Kg		121	70 - 130
o-Xylene	0.100	0.1425	*+	mg/Kg		142	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: LCSD 880-32613/2-A

Matrix: Solid

Analysis Batch: 32708

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32613

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.09095		mg/Kg		91	70 - 130	12	35
Toluene	0.100	0.08906		mg/Kg		89	70 - 130	10	35
Ethylbenzene	0.100	0.1038		mg/Kg		104	70 - 130	8	35
m-Xylene & p-Xylene	0.200	0.2183		mg/Kg		109	70 - 130	10	35
o-Xylene	0.100	0.1268		mg/Kg		127	70 - 130	12	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 880-18311-15 MS

Matrix: Solid

Analysis Batch: 32708

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

Prep Type: Total/NA

Prep Batch: 32613

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.100	0.09840		mg/Kg		98	70 - 130
Toluene	<0.00201	U	0.100	0.08819		mg/Kg		87	70 - 130
Ethylbenzene	<0.00201	U	0.100	0.09434		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.201	0.1913		mg/Kg		95	70 - 130
o-Xylene	<0.00201	U *+	0.100	0.1145		mg/Kg		114	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.31.22)

Job ID: 880-18311-1
SDG: Eddy Co. NM

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

Lab Sample ID: 880-18311-15 MS

Matrix: Solid

Analysis Batch: 32708

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

Prep Type: Total/NA

Prep Batch: 32613

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	124		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 880-18311-15 MSD

Matrix: Solid

Analysis Batch: 32708

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

Prep Type: Total/NA

Prep Batch: 32613

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0992	0.08231		mg/Kg		83	70 - 130	18	35
Toluene	<0.00201	U	0.0992	0.07662		mg/Kg		77	70 - 130	14	35
Ethylbenzene	<0.00201	U	0.0992	0.08780		mg/Kg		89	70 - 130	7	35
m-Xylene & p-Xylene	<0.00402	U	0.198	0.1681		mg/Kg		84	70 - 130	13	35
o-Xylene	<0.00201	U *+	0.0992	0.1008		mg/Kg		102	70 - 130	13	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	122		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

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

Lab Sample ID: MB 880-32428/1-A

Matrix: Solid

Analysis Batch: 32384

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32428

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/18/22 13:42	08/18/22 20:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/18/22 13:42	08/18/22 20:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/18/22 13:42	08/18/22 20:59	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	99		70 - 130	08/18/22 13:42	08/18/22 20:59	1			
o-Terphenyl	95		70 - 130	08/18/22 13:42	08/18/22 20:59	1			

Lab Sample ID: LCS 880-32428/2-A

Matrix: Solid

Analysis Batch: 32384

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32428

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	846.5		mg/Kg		85	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	875.0		mg/Kg		87	70 - 130		

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	92		70 - 130
o-Terphenyl	92		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.31.22)

Job ID: 880-18311-1
SDG: Eddy Co. NM

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

Lab Sample ID: LCSD 880-32428/3-A

Matrix: Solid

Analysis Batch: 32384

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32428

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	845.7		mg/Kg		85	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1000	873.5		mg/Kg		87	70 - 130	0	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	91		70 - 130						
o-Terphenyl	92		70 - 130						

Lab Sample ID: 880-18313-A-1-B MS

Matrix: Solid

Analysis Batch: 32384

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 32428

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1318		mg/Kg		128	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U F1	999	1330	F1	mg/Kg		133	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	117		70 - 130								
o-Terphenyl	94		70 - 130								

Lab Sample ID: 880-18313-A-1-C MSD

Matrix: Solid

Analysis Batch: 32384

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 32428

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1320		mg/Kg		129	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1	998	1298		mg/Kg		130	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	101		70 - 130								
o-Terphenyl	90		70 - 130								

Lab Sample ID: MB 880-32429/1-A

Matrix: Solid

Analysis Batch: 32386

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32429

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/18/22 13:46	08/18/22 20:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/18/22 13:46	08/18/22 20:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/18/22 13:46	08/18/22 20:59	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.31.22)

Job ID: 880-18311-1
SDG: Eddy Co. NM

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

Lab Sample ID: MB 880-32429/1-A

Matrix: Solid

Analysis Batch: 32386

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32429

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130	08/18/22 13:46	08/18/22 20:59	1
o-Terphenyl	80		70 - 130	08/18/22 13:46	08/18/22 20:59	1

Lab Sample ID: LCS 880-32429/2-A

Matrix: Solid

Analysis Batch: 32386

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32429

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	914.5		mg/Kg		91	70 - 130
Diesel Range Organics (Over C10-C28)	1000	862.2		mg/Kg		86	70 - 130

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

Lab Sample ID: LCSD 880-32429/3-A

Matrix: Solid

Analysis Batch: 32386

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32429

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	894.5		mg/Kg		89	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	905.8		mg/Kg		91	70 - 130	5	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	99		70 - 130
o-Terphenyl	96		70 - 130

Lab Sample ID: 880-18314-A-21-B MS

Matrix: Solid

Analysis Batch: 32386

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 32429

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.8	U F1 F2	999	663.6	F1	mg/Kg		64	70 - 130
Diesel Range Organics (Over C10-C28)	<49.8	U F1	999	588.4	F1	mg/Kg		54	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	63	S1-	70 - 130
o-Terphenyl	60	S1-	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.31.22)

Job ID: 880-18311-1
SDG: Eddy Co. NM

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

Lab Sample ID: 880-18314-A-21-C MSD

Matrix: Solid

Analysis Batch: 32386

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 32429

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U F1 F2	998	402.4	F1 F2	mg/Kg		37	70 - 130	49	20
Diesel Range Organics (Over C10-C28)	<49.8	U F1	998	508.0	F1	mg/Kg		46	70 - 130	15	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	52	S1-	70 - 130								
o-Terphenyl	53	S1-	70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-32487/1-A

Matrix: Solid

Analysis Batch: 32694

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			08/23/22 21:07	1

Lab Sample ID: LCS 880-32487/2-A

Matrix: Solid

Analysis Batch: 32694

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits			
Chloride	250	231.4		mg/Kg		93	90 - 110			

Lab Sample ID: LCSD 880-32487/3-A

Matrix: Solid

Analysis Batch: 32694

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	232.7		mg/Kg		93	90 - 110	1	20

Lab Sample ID: 880-18311-1 MS

Matrix: Solid

Analysis Batch: 32694

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	12700	F1	5020	16420	F1	mg/Kg		74	90 - 110		

Lab Sample ID: 880-18311-1 MSD

Matrix: Solid

Analysis Batch: 32694

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	12700	F1	5020	17060	F1	mg/Kg		87	90 - 110	4	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.31.22)

Job ID: 880-18311-1
SDG: Eddy Co. NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-18311-11 MS

Matrix: Solid

Analysis Batch: 32694

Client Sample ID: S-3 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	15000	F1	4970	19390	F1	mg/Kg		88	90 - 110		

Lab Sample ID: 880-18311-11 MSD

Matrix: Solid

Analysis Batch: 32694

Client Sample ID: S-3 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	15000	F1	4970	18860	F1	mg/Kg		77	90 - 110	3	20

QC Association Summary

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.31.22)

Job ID: 880-18311-1
SDG: Eddy Co. NM

GC VOA

Prep Batch: 32594

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-32594/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 32609

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18311-1	S-1 (0-0.5')	Total/NA	Solid	5035	
880-18311-2	S-1 (0.5-1')	Total/NA	Solid	5035	
880-18311-3	S-1 (1.5')	Total/NA	Solid	5035	
880-18311-4	S-2 (0-0.5')	Total/NA	Solid	5035	
880-18311-5	S-2 (0.5-1')	Total/NA	Solid	5035	
880-18311-6	S-2 (1.5')	Total/NA	Solid	5035	
880-18311-7	S-2 (2.5')	Total/NA	Solid	5035	
880-18311-8	S-2 (3.5')	Total/NA	Solid	5035	
880-18311-9	S-3 (0-0.5')	Total/NA	Solid	5035	
880-18311-10	S-3 (0.5-1')	Total/NA	Solid	5035	
880-18311-11	S-3 (1.5')	Total/NA	Solid	5035	
880-18311-12	S-3 (2.5')	Total/NA	Solid	5035	
880-18311-13	S-3 (3.5')	Total/NA	Solid	5035	
880-18311-14	S-3 (4.5')	Total/NA	Solid	5035	
MB 880-32609/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-32609/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-32609/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-18373-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-18373-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 32613

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18311-15	H-1 (0-0.5')	Total/NA	Solid	5035	
880-18311-16	H-2 (0-0.5')	Total/NA	Solid	5035	
880-18311-17	H-3 (0-0.5')	Total/NA	Solid	5035	
MB 880-32613/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-32613/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-32613/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-18311-15 MS	H-1 (0-0.5')	Total/NA	Solid	5035	
880-18311-15 MSD	H-1 (0-0.5')	Total/NA	Solid	5035	

Analysis Batch: 32625

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18311-1	S-1 (0-0.5')	Total/NA	Solid	8021B	32609
880-18311-2	S-1 (0.5-1')	Total/NA	Solid	8021B	32609
880-18311-3	S-1 (1.5')	Total/NA	Solid	8021B	32609
880-18311-4	S-2 (0-0.5')	Total/NA	Solid	8021B	32609
880-18311-5	S-2 (0.5-1')	Total/NA	Solid	8021B	32609
880-18311-6	S-2 (1.5')	Total/NA	Solid	8021B	32609
880-18311-7	S-2 (2.5')	Total/NA	Solid	8021B	32609
880-18311-8	S-2 (3.5')	Total/NA	Solid	8021B	32609
880-18311-9	S-3 (0-0.5')	Total/NA	Solid	8021B	32609
880-18311-10	S-3 (0.5-1')	Total/NA	Solid	8021B	32609
880-18311-11	S-3 (1.5')	Total/NA	Solid	8021B	32609
880-18311-12	S-3 (2.5')	Total/NA	Solid	8021B	32609
880-18311-13	S-3 (3.5')	Total/NA	Solid	8021B	32609
880-18311-14	S-3 (4.5')	Total/NA	Solid	8021B	32609

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QC Association Summary

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.31.22)

Job ID: 880-18311-1
SDG: Eddy Co. NM

GC VOA (Continued)

Analysis Batch: 32625 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-32594/5-A	Method Blank	Total/NA	Solid	8021B	32594
MB 880-32609/5-A	Method Blank	Total/NA	Solid	8021B	32609
LCS 880-32609/1-A	Lab Control Sample	Total/NA	Solid	8021B	32609
LCSD 880-32609/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	32609
880-18373-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	32609
880-18373-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	32609

Analysis Batch: 32708

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18311-15	H-1 (0-0.5')	Total/NA	Solid	8021B	32613
880-18311-16	H-2 (0-0.5')	Total/NA	Solid	8021B	32613
880-18311-17	H-3 (0-0.5')	Total/NA	Solid	8021B	32613
MB 880-32613/5-A	Method Blank	Total/NA	Solid	8021B	32613
LCS 880-32613/1-A	Lab Control Sample	Total/NA	Solid	8021B	32613
LCSD 880-32613/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	32613
880-18311-15 MS	H-1 (0-0.5')	Total/NA	Solid	8021B	32613
880-18311-15 MSD	H-1 (0-0.5')	Total/NA	Solid	8021B	32613

Analysis Batch: 32767

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18311-1	S-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-18311-2	S-1 (0.5-1')	Total/NA	Solid	Total BTEX	
880-18311-3	S-1 (1.5')	Total/NA	Solid	Total BTEX	
880-18311-4	S-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-18311-5	S-2 (0.5-1')	Total/NA	Solid	Total BTEX	
880-18311-6	S-2 (1.5')	Total/NA	Solid	Total BTEX	
880-18311-7	S-2 (2.5')	Total/NA	Solid	Total BTEX	
880-18311-8	S-2 (3.5')	Total/NA	Solid	Total BTEX	
880-18311-9	S-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-18311-10	S-3 (0.5-1')	Total/NA	Solid	Total BTEX	
880-18311-11	S-3 (1.5')	Total/NA	Solid	Total BTEX	
880-18311-12	S-3 (2.5')	Total/NA	Solid	Total BTEX	
880-18311-13	S-3 (3.5')	Total/NA	Solid	Total BTEX	
880-18311-14	S-3 (4.5')	Total/NA	Solid	Total BTEX	
880-18311-15	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-18311-16	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-18311-17	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 32384

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18311-1	S-1 (0-0.5')	Total/NA	Solid	8015B NM	32428
880-18311-2	S-1 (0.5-1')	Total/NA	Solid	8015B NM	32428
880-18311-3	S-1 (1.5')	Total/NA	Solid	8015B NM	32428
880-18311-4	S-2 (0-0.5')	Total/NA	Solid	8015B NM	32428
880-18311-5	S-2 (0.5-1')	Total/NA	Solid	8015B NM	32428
880-18311-6	S-2 (1.5')	Total/NA	Solid	8015B NM	32428
880-18311-7	S-2 (2.5')	Total/NA	Solid	8015B NM	32428
880-18311-8	S-2 (3.5')	Total/NA	Solid	8015B NM	32428
880-18311-9	S-3 (0-0.5')	Total/NA	Solid	8015B NM	32428

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QC Association Summary

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.31.22)

Job ID: 880-18311-1
SDG: Eddy Co. NM

GC Semi VOA (Continued)

Analysis Batch: 32384 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-32428/1-A	Method Blank	Total/NA	Solid	8015B NM	32428
LCS 880-32428/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	32428
LCSD 880-32428/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	32428
880-18313-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	32428
880-18313-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	32428

Analysis Batch: 32386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18311-10	S-3 (0.5-1')	Total/NA	Solid	8015B NM	32429
880-18311-11	S-3 (1.5')	Total/NA	Solid	8015B NM	32429
880-18311-12	S-3 (2.5')	Total/NA	Solid	8015B NM	32429
880-18311-13	S-3 (3.5')	Total/NA	Solid	8015B NM	32429
880-18311-14	S-3 (4.5')	Total/NA	Solid	8015B NM	32429
880-18311-15	H-1 (0-0.5')	Total/NA	Solid	8015B NM	32429
880-18311-16	H-2 (0-0.5')	Total/NA	Solid	8015B NM	32429
880-18311-17	H-3 (0-0.5')	Total/NA	Solid	8015B NM	32429
MB 880-32429/1-A	Method Blank	Total/NA	Solid	8015B NM	32429
LCS 880-32429/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	32429
LCSD 880-32429/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	32429
880-18314-A-21-B MS	Matrix Spike	Total/NA	Solid	8015B NM	32429
880-18314-A-21-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	32429

Prep Batch: 32428

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18311-1	S-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-18311-2	S-1 (0.5-1')	Total/NA	Solid	8015NM Prep	
880-18311-3	S-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-18311-4	S-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-18311-5	S-2 (0.5-1')	Total/NA	Solid	8015NM Prep	
880-18311-6	S-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-18311-7	S-2 (2.5')	Total/NA	Solid	8015NM Prep	
880-18311-8	S-2 (3.5')	Total/NA	Solid	8015NM Prep	
880-18311-9	S-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-32428/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-32428/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-32428/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-18313-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-18313-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 32429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18311-10	S-3 (0.5-1')	Total/NA	Solid	8015NM Prep	
880-18311-11	S-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-18311-12	S-3 (2.5')	Total/NA	Solid	8015NM Prep	
880-18311-13	S-3 (3.5')	Total/NA	Solid	8015NM Prep	
880-18311-14	S-3 (4.5')	Total/NA	Solid	8015NM Prep	
880-18311-15	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-18311-16	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-18311-17	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-32429/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-32429/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.31.22)

Job ID: 880-18311-1
SDG: Eddy Co. NM

GC Semi VOA (Continued)

Prep Batch: 32429 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-32429/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-18314-A-21-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-18314-A-21-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 32486

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18311-1	S-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-18311-2	S-1 (0.5-1')	Total/NA	Solid	8015 NM	
880-18311-3	S-1 (1.5')	Total/NA	Solid	8015 NM	
880-18311-4	S-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-18311-5	S-2 (0.5-1')	Total/NA	Solid	8015 NM	
880-18311-6	S-2 (1.5')	Total/NA	Solid	8015 NM	
880-18311-7	S-2 (2.5')	Total/NA	Solid	8015 NM	
880-18311-8	S-2 (3.5')	Total/NA	Solid	8015 NM	
880-18311-9	S-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-18311-10	S-3 (0.5-1')	Total/NA	Solid	8015 NM	
880-18311-11	S-3 (1.5')	Total/NA	Solid	8015 NM	
880-18311-12	S-3 (2.5')	Total/NA	Solid	8015 NM	
880-18311-13	S-3 (3.5')	Total/NA	Solid	8015 NM	
880-18311-14	S-3 (4.5')	Total/NA	Solid	8015 NM	
880-18311-15	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-18311-16	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-18311-17	H-3 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 32487

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18311-1	S-1 (0-0.5')	Soluble	Solid	DI Leach	
880-18311-2	S-1 (0.5-1')	Soluble	Solid	DI Leach	
880-18311-3	S-1 (1.5')	Soluble	Solid	DI Leach	
880-18311-4	S-2 (0-0.5')	Soluble	Solid	DI Leach	
880-18311-5	S-2 (0.5-1')	Soluble	Solid	DI Leach	
880-18311-6	S-2 (1.5')	Soluble	Solid	DI Leach	
880-18311-7	S-2 (2.5')	Soluble	Solid	DI Leach	
880-18311-8	S-2 (3.5')	Soluble	Solid	DI Leach	
880-18311-9	S-3 (0-0.5')	Soluble	Solid	DI Leach	
880-18311-10	S-3 (0.5-1')	Soluble	Solid	DI Leach	
880-18311-11	S-3 (1.5')	Soluble	Solid	DI Leach	
880-18311-12	S-3 (2.5')	Soluble	Solid	DI Leach	
880-18311-13	S-3 (3.5')	Soluble	Solid	DI Leach	
880-18311-14	S-3 (4.5')	Soluble	Solid	DI Leach	
880-18311-15	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-18311-16	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-18311-17	H-3 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-32487/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-32487/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-32487/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-18311-1 MS	S-1 (0-0.5')	Soluble	Solid	DI Leach	
880-18311-1 MSD	S-1 (0-0.5')	Soluble	Solid	DI Leach	
880-18311-11 MS	S-3 (1.5')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.31.22)

Job ID: 880-18311-1
SDG: Eddy Co. NM

HPLC/IC (Continued)

Leach Batch: 32487 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18311-11 MSD	S-3 (1.5')	Soluble	Solid	DI Leach	

Analysis Batch: 32694

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-18311-1	S-1 (0-0.5')	Soluble	Solid	300.0	32487
880-18311-2	S-1 (0.5-1')	Soluble	Solid	300.0	32487
880-18311-3	S-1 (1.5')	Soluble	Solid	300.0	32487
880-18311-4	S-2 (0-0.5')	Soluble	Solid	300.0	32487
880-18311-5	S-2 (0.5-1')	Soluble	Solid	300.0	32487
880-18311-6	S-2 (1.5')	Soluble	Solid	300.0	32487
880-18311-7	S-2 (2.5')	Soluble	Solid	300.0	32487
880-18311-8	S-2 (3.5')	Soluble	Solid	300.0	32487
880-18311-9	S-3 (0-0.5')	Soluble	Solid	300.0	32487
880-18311-10	S-3 (0.5-1')	Soluble	Solid	300.0	32487
880-18311-11	S-3 (1.5')	Soluble	Solid	300.0	32487
880-18311-12	S-3 (2.5')	Soluble	Solid	300.0	32487
880-18311-13	S-3 (3.5')	Soluble	Solid	300.0	32487
880-18311-14	S-3 (4.5')	Soluble	Solid	300.0	32487
880-18311-15	H-1 (0-0.5')	Soluble	Solid	300.0	32487
880-18311-16	H-2 (0-0.5')	Soluble	Solid	300.0	32487
880-18311-17	H-3 (0-0.5')	Soluble	Solid	300.0	32487
MB 880-32487/1-A	Method Blank	Soluble	Solid	300.0	32487
LCS 880-32487/2-A	Lab Control Sample	Soluble	Solid	300.0	32487
LCSD 880-32487/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	32487
880-18311-1 MS	S-1 (0-0.5')	Soluble	Solid	300.0	32487
880-18311-1 MSD	S-1 (0-0.5')	Soluble	Solid	300.0	32487
880-18311-11 MS	S-3 (1.5')	Soluble	Solid	300.0	32487
880-18311-11 MSD	S-3 (1.5')	Soluble	Solid	300.0	32487

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.31.22)

Job ID: 880-18311-1
SDG: Eddy Co. NM

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

Lab Sample ID: 880-18311-1

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 11:50

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	32609	08/22/22 09:32	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32625	08/23/22 05:56	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32767	08/23/22 10:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			32486	08/19/22 10:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32428	08/18/22 13:42	DM	EET MID
Total/NA	Analysis	8015B NM		1			32384	08/19/22 03:10	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	32487	08/19/22 10:09	SMC	EET MID
Soluble	Analysis	300.0		20			32694	08/23/22 21:35	CH	EET MID

Client Sample ID: S-1 (0.5-1')

Lab Sample ID: 880-18311-2

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 11:50

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	32609	08/22/22 09:32	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32625	08/23/22 06:16	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32767	08/23/22 10:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			32486	08/19/22 10:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32428	08/18/22 13:42	DM	EET MID
Total/NA	Analysis	8015B NM		1			32384	08/19/22 03:31	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	32487	08/19/22 10:09	SMC	EET MID
Soluble	Analysis	300.0		1			32694	08/24/22 19:51	CH	EET MID

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-18311-3

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 11:50

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	32609	08/22/22 09:32	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32625	08/23/22 06:36	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32767	08/23/22 10:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			32486	08/19/22 10:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	32428	08/18/22 13:42	DM	EET MID
Total/NA	Analysis	8015B NM		1			32384	08/19/22 03:53	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	32487	08/19/22 10:09	SMC	EET MID
Soluble	Analysis	300.0		1			32694	08/24/22 20:00	CH	EET MID

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

Lab Sample ID: 880-18311-4

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 11:50

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	32609	08/22/22 09:32	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32625	08/23/22 06:57	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32767	08/23/22 10:32	SM	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.31.22)

Job ID: 880-18311-1
SDG: Eddy Co. NM

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

Lab Sample ID: 880-18311-4

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 11:50

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			32486	08/19/22 10:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32428	08/18/22 13:42	DM	EET MID
Total/NA	Analysis	8015B NM		1			32384	08/19/22 04:15	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	32487	08/19/22 10:09	SMC	EET MID
Soluble	Analysis	300.0		50			32694	08/23/22 22:21	CH	EET MID

Client Sample ID: S-2 (0.5-1')

Lab Sample ID: 880-18311-5

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 11:50

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	32609	08/22/22 09:32	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32625	08/23/22 08:47	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32767	08/23/22 10:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			32486	08/19/22 10:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	32428	08/18/22 13:42	DM	EET MID
Total/NA	Analysis	8015B NM		1			32384	08/19/22 04:37	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	32487	08/19/22 10:09	SMC	EET MID
Soluble	Analysis	300.0		20			32694	08/23/22 22:30	CH	EET MID

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-18311-6

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	32609	08/22/22 09:32	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32625	08/23/22 09:07	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32767	08/23/22 10:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			32486	08/19/22 10:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32428	08/18/22 13:42	DM	EET MID
Total/NA	Analysis	8015B NM		1			32384	08/19/22 04:59	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	32487	08/19/22 10:09	SMC	EET MID
Soluble	Analysis	300.0		20			32694	08/23/22 22:58	CH	EET MID

Client Sample ID: S-2 (2.5')

Lab Sample ID: 880-18311-7

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 11:50

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	32609	08/22/22 09:32	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32625	08/23/22 09:28	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32767	08/23/22 10:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			32486	08/19/22 10:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32428	08/18/22 13:42	DM	EET MID
Total/NA	Analysis	8015B NM		1			32384	08/19/22 05:20	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.31.22)

Job ID: 880-18311-1
SDG: Eddy Co. NM

Client Sample ID: S-2 (2.5')

Date Collected: 08/17/22 00:00

Date Received: 08/18/22 11:50

Lab Sample ID: 880-18311-7

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			5.04 g	50 mL	32487	08/19/22 10:09	SMC	EET MID
Soluble	Analysis	300.0		10			32694	08/23/22 23:07	CH	EET MID

Client Sample ID: S-2 (3.5')

Date Collected: 08/17/22 00:00

Date Received: 08/18/22 11:50

Lab Sample ID: 880-18311-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	32609	08/22/22 09:32	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32625	08/23/22 09:48	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32767	08/23/22 10:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			32486	08/19/22 10:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32428	08/18/22 13:42	DM	EET MID
Total/NA	Analysis	8015B NM		1			32384	08/19/22 05:42	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	32487	08/19/22 10:09	SMC	EET MID
Soluble	Analysis	300.0		10			32694	08/23/22 23:16	CH	EET MID

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

Date Collected: 08/17/22 00:00

Date Received: 08/18/22 11:50

Lab Sample ID: 880-18311-9

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			5.04 g	5 mL	32609	08/22/22 09:32	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32625	08/23/22 10:09	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32767	08/23/22 10:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			32486	08/19/22 10:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	32428	08/18/22 13:42	DM	EET MID
Total/NA	Analysis	8015B NM		1			32384	08/19/22 06:04	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	32487	08/19/22 10:09	SMC	EET MID
Soluble	Analysis	300.0		50			32694	08/23/22 23:25	CH	EET MID

Client Sample ID: S-3 (0.5-1')

Date Collected: 08/17/22 00:00

Date Received: 08/18/22 11:50

Lab Sample ID: 880-18311-10

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			4.99 g	5 mL	32609	08/22/22 09:32	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32625	08/23/22 10:29	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32767	08/23/22 10:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			32486	08/19/22 10:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32429	08/18/22 13:46	DM	EET MID
Total/NA	Analysis	8015B NM		1			32386	08/18/22 23:10	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	32487	08/19/22 10:09	SMC	EET MID
Soluble	Analysis	300.0		20			32694	08/23/22 23:34	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.31.22)

Job ID: 880-18311-1
SDG: Eddy Co. NM

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-18311-11

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 11:50

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	32609	08/22/22 09:32	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32625	08/23/22 10:49	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32767	08/23/22 10:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			32486	08/19/22 10:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	32429	08/18/22 13:46	DM	EET MID
Total/NA	Analysis	8015B NM		1			32386	08/18/22 23:32	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	32487	08/19/22 10:09	SMC	EET MID
Soluble	Analysis	300.0		20			32694	08/23/22 23:44	CH	EET MID

Client Sample ID: S-3 (2.5')

Lab Sample ID: 880-18311-12

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 11:50

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	32609	08/22/22 09:32	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32625	08/23/22 11:10	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32767	08/23/22 10:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			32486	08/19/22 10:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32429	08/18/22 13:46	DM	EET MID
Total/NA	Analysis	8015B NM		1			32386	08/18/22 23:54	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	32487	08/19/22 10:09	SMC	EET MID
Soluble	Analysis	300.0		20			32694	08/24/22 00:11	CH	EET MID

Client Sample ID: S-3 (3.5')

Lab Sample ID: 880-18311-13

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	32609	08/22/22 09:32	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32625	08/23/22 11:30	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32767	08/23/22 10:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			32486	08/19/22 10:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32429	08/18/22 13:46	DM	EET MID
Total/NA	Analysis	8015B NM		1			32386	08/19/22 00:15	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	32487	08/19/22 10:09	SMC	EET MID
Soluble	Analysis	300.0		10			32694	08/24/22 00:20	CH	EET MID

Client Sample ID: S-3 (4.5')

Lab Sample ID: 880-18311-14

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 11:50

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	32609	08/22/22 09:32	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32625	08/23/22 11:51	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32767	08/23/22 10:32	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.31.22)

Job ID: 880-18311-1
SDG: Eddy Co. NM

Client Sample ID: S-3 (4.5')

Lab Sample ID: 880-18311-14

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 11:50

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			32486	08/19/22 10:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32429	08/18/22 13:46	DM	EET MID
Total/NA	Analysis	8015B NM		1			32386	08/19/22 00:37	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	32487	08/19/22 10:09	SMC	EET MID
Soluble	Analysis	300.0		10			32694	08/24/22 00:48	CH	EET MID

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

Lab Sample ID: 880-18311-15

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 11:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	32613	08/22/22 09:35	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32708	08/23/22 12:17	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32767	08/23/22 10:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			32486	08/19/22 10:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32429	08/18/22 13:46	DM	EET MID
Total/NA	Analysis	8015B NM		1			32386	08/19/22 00:59	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	32487	08/19/22 10:09	SMC	EET MID
Soluble	Analysis	300.0		1			32694	08/24/22 20:10	CH	EET MID

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

Lab Sample ID: 880-18311-16

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 11:50

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	32613	08/22/22 09:35	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32708	08/23/22 12:38	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32767	08/23/22 10:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			32486	08/19/22 10:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	32429	08/18/22 13:46	DM	EET MID
Total/NA	Analysis	8015B NM		1			32386	08/19/22 01:21	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	32487	08/19/22 10:09	SMC	EET MID
Soluble	Analysis	300.0		10			32694	08/24/22 01:06	CH	EET MID

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

Lab Sample ID: 880-18311-17

Date Collected: 08/17/22 00:00

Matrix: Solid

Date Received: 08/18/22 11:50

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	32613	08/22/22 09:35	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32708	08/23/22 12:58	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32767	08/23/22 10:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			32486	08/19/22 10:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32429	08/18/22 13:46	DM	EET MID
Total/NA	Analysis	8015B NM		1			32386	08/19/22 01:43	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.31.22)

Job ID: 880-18311-1
SDG: Eddy Co. NM

Client Sample ID: H-3 (0-0.5')
Date Collected: 08/17/22 00:00
Date Received: 08/18/22 11:50

Lab Sample ID: 880-18311-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	32487	08/19/22 10:09	SMC	EET MID
Soluble	Analysis	300.0		5			32694	08/24/22 01:16	CH	EET MID

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

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Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.31.22)

Job ID: 880-18311-1
SDG: Eddy Co. NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-24	06-30-23

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

Analysis Method	Prep Method	Matrix	Analyte
300.0		Solid	Chloride
8015 NM		Solid	Total TPH
8015B NM	8015NM Prep	Solid	Diesel Range Organics (Over C10-C28)
8015B NM	8015NM Prep	Solid	Gasoline Range Organics (GRO)-C6-C10
8015B NM	8015NM Prep	Solid	Oil Range Organics (Over C28-C36)
8021B	5035	Solid	Benzene
8021B	5035	Solid	Ethylbenzene
8021B	5035	Solid	m-Xylene & p-Xylene
8021B	5035	Solid	o-Xylene
8021B	5035	Solid	Toluene
8021B	5035	Solid	Xylenes, Total
Total BTEX		Solid	Total BTEX

Eurofins Midland

Method Summary

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.31.22)

Job ID: 880-18311-1
SDG: Eddy Co. NM

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

Protocol References:

ASTM = ASTM International

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

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Eurofins Midland

Sample Summary

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.31.22)

Job ID: 880-18311-1
SDG: Eddy Co. NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-18311-1	S-1 (0-0.5')	Solid	08/17/22 00:00	08/18/22 11:50
880-18311-2	S-1 (0.5-1')	Solid	08/17/22 00:00	08/18/22 11:50
880-18311-3	S-1 (1.5')	Solid	08/17/22 00:00	08/18/22 11:50
880-18311-4	S-2 (0-0.5')	Solid	08/17/22 00:00	08/18/22 11:50
880-18311-5	S-2 (0.5-1')	Solid	08/17/22 00:00	08/18/22 11:50
880-18311-6	S-2 (1.5')	Solid	08/17/22 00:00	08/18/22 11:50
880-18311-7	S-2 (2.5')	Solid	08/17/22 00:00	08/18/22 11:50
880-18311-8	S-2 (3.5')	Solid	08/17/22 00:00	08/18/22 11:50
880-18311-9	S-3 (0-0.5')	Solid	08/17/22 00:00	08/18/22 11:50
880-18311-10	S-3 (0.5-1')	Solid	08/17/22 00:00	08/18/22 11:50
880-18311-11	S-3 (1.5')	Solid	08/17/22 00:00	08/18/22 11:50
880-18311-12	S-3 (2.5')	Solid	08/17/22 00:00	08/18/22 11:50
880-18311-13	S-3 (3.5')	Solid	08/17/22 00:00	08/18/22 11:50
880-18311-14	S-3 (4.5')	Solid	08/17/22 00:00	08/18/22 11:50
880-18311-15	H-1 (0-0.5')	Solid	08/17/22 00:00	08/18/22 11:50
880-18311-16	H-2 (0-0.5')	Solid	08/17/22 00:00	08/18/22 11:50
880-18311-17	H-3 (0-0.5')	Solid	08/17/22 00:00	08/18/22 11:50

Work Order No: 18311

Page 1 of 2

Project Manager	Ashton Thielke	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 88256
Phone	432-813-5347	Email	jacqui.harris@conocophillips.com

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

Project Name	Myox State 31-0 CTB (07 31 22)	Turn Around	☐ Routine ☒ Rush	Pres. Code	ANALYSIS REQUEST										Preservative Codes			
Project Number	1113														None NO DI Water H ₂ O			
Project Location	Eddy Co, NM	Due Date	72 Hr												Cool Cool MeOH Me			
Sampler's Name	AT	TAT starts the day received by the lab if received by 4 30pm													HCL HC HNO ₃ HN			
PO #:															H ₂ SO ₄ H ₂			
SAMPLE RECEIPT	Temp Blank. Yes ☒ No ☐	Yes ☒ No ☐	Wet Ice. Yes ☒ No ☐												H ₃ PO ₄ HP			
Received Intact	Yes ☒ No ☐	Thermometer ID	Yes ☒ No ☐												NaHSO ₄ NABIS			
Cooler Custody Seals	Yes ☒ No ☐	Correction Factor	Yes ☒ No ☐												Na ₂ S ₂ O ₃ NaSO ₃			
Sample Custody Seals	Yes ☒ No ☐	Temperature Reading	Yes ☒ No ☐												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-1 (0-0.5')	8/17/2022		X		G	1	X	X	X	X								
S-1 (0.5-1')	8/17/2022		X		G	1	X	X	X	X								
S-1 (1.5')	8/17/2022		X		G	1	X	X	X	X								
S-2 (0-0.5')	8/17/2022		X		G	1	X	X	X	X								
S-2 (0.5-1')	8/17/2022		X		G	1	X	X	X	X								
S-2 (1.5')	8/17/2022		X		G	1	X	X	X	X								
S-2 (2.5')	8/17/2022		X		G	1	X	X	X	X								
S-2 (3.5')	8/17/2022		X		G	1	X	X	X	X								
S-3 (0-0.5')	8/17/2022		X		G	1	X	X	X	X								
S-3 (0.5-1')	8/17/2022		X		G	1	X	X	X	X								



880-18311 Chain of Custody

Relinquished by (Signature)

Date/Time

Received by (Signature)

Date/Time

Project Manager	Ashton Thielke	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 88256
Phone	432-813-5347	Email	jacqui.harris@comocphillips.com

Work Order Comments

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

State of Project:

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

Deliverables EDD ☐ ADaPT ☐ Other ☐

Work Order No.:

1231

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[illegible]

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-18311-1

SDG Number: Eddy Co. NM

Login Number: 18311**List Number: 1****Creator: Teel, Brianna****List Source: Eurofins Midland**

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



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-20551-1

Laboratory Sample Delivery Group: Eddy County, New Mexico
Client Project/Site: Myox State 31-0 CTB (07.21.22)
Revision: 1

For:

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

Attn: Conner Moehring

Authorized for release by:
10/24/2022 9:35:03 AM

Jessica Kramer, Project Manager
(432)704-5440

Jessica.Kramer@et.eurofinsus.com

LINKS

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results through



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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.21.22)

Laboratory Job ID: 880-20551-1
SDG: Eddy County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.21.22)

Job ID: 880-20551-1
SDG: Eddy County, New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
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
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.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.21.22)

Job ID: 880-20551-1
SDG: Eddy County, New Mexico

Job ID: 880-20551-1

Laboratory: Eurofins Midland

Narrative

Job Narrative 880-20551-1

REVISION

The report being provided is a revision of the original report sent on 10/21/2022. The report (revision 1) is being revised due to Per client email, correcting sample depth for SW-11 to match COC.

Report revision history

Receipt

The samples were received on 10/20/2022 8:06 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.2°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: CS-1 (5') (880-20551-1), CS-2 (4') (880-20551-2), CS-3 (4') (880-20551-3), CS-4 (1.5') (880-20551-4), CS-5 (1.5') (880-20551-5), CS-6 (1.5') (880-20551-6), SW-1 (5') (880-20551-7), SW-2 (5') (880-20551-8), SW-3 (1') (880-20551-9), SW-4 (5') (880-20551-10), SW-5 (4') (880-20551-11), SW-6 (4') (880-20551-12), SW-7 (4') (880-20551-13), SW-8 (4') (880-20551-14), SW-9 (1.5') (880-20551-15), SW-10 (1.5') (880-20551-16), SW-11 (1.5') (880-20551-17), SW-12 (4') (880-20551-18), SW-13 (4') (880-20551-19) and SW-14 (4') (880-20551-20).

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-37366 and analytical batch 880-37352 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

GC Semi VOA

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-37354 and analytical batch 880-37357 was outside the upper control limits.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-37354 and analytical batch 880-37357 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-37355 and analytical batch 880-37359 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-37355/2-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 State 31-0 CTB (07.21.22)

Job ID: 880-20551-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-1 (5')

Lab Sample ID: 880-20551-1

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

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		10/20/22 08:32	10/20/22 21:40	1
Toluene	<0.00202	U F1	0.00202		mg/Kg		10/20/22 08:32	10/20/22 21:40	1
Ethylbenzene	<0.00202	U F1 F2	0.00202		mg/Kg		10/20/22 08:32	10/20/22 21:40	1
m-Xylene & p-Xylene	<0.00404	U F1 F2	0.00404		mg/Kg		10/20/22 08:32	10/20/22 21:40	1
o-Xylene	<0.00202	U F1 F2	0.00202		mg/Kg		10/20/22 08:32	10/20/22 21:40	1
Xylenes, Total	<0.00404	U F1 F2	0.00404		mg/Kg		10/20/22 08:32	10/20/22 21:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	10/20/22 08:32	10/20/22 21:40	1
1,4-Difluorobenzene (Surr)	91		70 - 130	10/20/22 08:32	10/20/22 21:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			10/21/22 12:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/20/22 17:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U F1 F2	49.8		mg/Kg		10/20/22 08:19	10/20/22 12:07	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/20/22 08:19	10/20/22 12:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/20/22 08:19	10/20/22 12:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	10/20/22 08:19	10/20/22 12:07	1
o-Terphenyl	95		70 - 130	10/20/22 08:19	10/20/22 12:07	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28.5		4.99		mg/Kg			10/20/22 15:57	1

Client Sample ID: CS-2 (4')

Lab Sample ID: 880-20551-2

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

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		10/20/22 08:32	10/20/22 22:00	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/20/22 08:32	10/20/22 22:00	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/20/22 08:32	10/20/22 22:00	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/20/22 08:32	10/20/22 22:00	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/20/22 08:32	10/20/22 22:00	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/20/22 08:32	10/20/22 22:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	10/20/22 08:32	10/20/22 22:00	1
1,4-Difluorobenzene (Surr)	81		70 - 130	10/20/22 08:32	10/20/22 22:00	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.21.22)

Job ID: 880-20551-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-2 (4')

Lab Sample ID: 880-20551-2

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

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			10/21/22 12:47	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			10/20/22 17:23	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		10/20/22 08:19	10/20/22 13:12	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/20/22 08:19	10/20/22 13:12	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/20/22 08:19	10/20/22 13:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				10/20/22 08:19	10/20/22 13:12	1
o-Terphenyl	91		70 - 130				10/20/22 08:19	10/20/22 13:12	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.1		5.04		mg/Kg			10/20/22 16:11	1

Client Sample ID: CS-3 (4')

Lab Sample ID: 880-20551-3

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

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		10/20/22 08:32	10/20/22 22:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/20/22 08:32	10/20/22 22:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/20/22 08:32	10/20/22 22:21	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/20/22 08:32	10/20/22 22:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/20/22 08:32	10/20/22 22:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/20/22 08:32	10/20/22 22:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				10/20/22 08:32	10/20/22 22:21	1
1,4-Difluorobenzene (Surr)	92		70 - 130				10/20/22 08:32	10/20/22 22:21	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			10/21/22 12:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/20/22 17:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/20/22 08:19	10/20/22 14:38	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/20/22 08:19	10/20/22 14:38	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.21.22)

Job ID: 880-20551-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-3 (4')

Date Collected: 10/18/22 00:00

Date Received: 10/20/22 08:06

Lab Sample ID: 880-20551-3

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/20/22 08:19	10/20/22 14:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				10/20/22 08:19	10/20/22 14:38	1
o-Terphenyl	99		70 - 130				10/20/22 08:19	10/20/22 14:38	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.6		5.01		mg/Kg			10/20/22 16:16	1

Client Sample ID: CS-4 (1.5')

Date Collected: 10/18/22 00:00

Date Received: 10/20/22 08:06

Lab Sample ID: 880-20551-4

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/20/22 08:32	10/20/22 22:41	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/20/22 08:32	10/20/22 22:41	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/20/22 08:32	10/20/22 22:41	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/20/22 08:32	10/20/22 22:41	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/20/22 08:32	10/20/22 22:41	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/20/22 08:32	10/20/22 22:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				10/20/22 08:32	10/20/22 22:41	1
1,4-Difluorobenzene (Surr)	97		70 - 130				10/20/22 08:32	10/20/22 22:41	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			10/21/22 12:47	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			10/20/22 17:23	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		10/20/22 08:19	10/20/22 15:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/20/22 08:19	10/20/22 15:00	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/20/22 08:19	10/20/22 15:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				10/20/22 08:19	10/20/22 15:00	1
o-Terphenyl	99		70 - 130				10/20/22 08:19	10/20/22 15:00	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.9		4.97		mg/Kg			10/20/22 16:21	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.21.22)

Job ID: 880-20551-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-5 (1.5')

Lab Sample ID: 880-20551-5

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

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		10/20/22 08:32	10/20/22 23:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/20/22 08:32	10/20/22 23:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/20/22 08:32	10/20/22 23:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/20/22 08:32	10/20/22 23:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/20/22 08:32	10/20/22 23:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/20/22 08:32	10/20/22 23:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	10/20/22 08:32	10/20/22 23:02	1
1,4-Difluorobenzene (Surr)	97		70 - 130	10/20/22 08:32	10/20/22 23:02	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			10/21/22 12:47	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			10/20/22 17:23	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		10/20/22 08:19	10/20/22 15:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/20/22 08:19	10/20/22 15:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/20/22 08:19	10/20/22 15:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	10/20/22 08:19	10/20/22 15:21	1
o-Terphenyl	92		70 - 130	10/20/22 08:19	10/20/22 15:21	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.9		4.96		mg/Kg			10/20/22 16:26	1

Client Sample ID: CS-6 (1.5')

Lab Sample ID: 880-20551-6

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

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		10/20/22 08:32	10/20/22 23:22	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/20/22 08:32	10/20/22 23:22	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/20/22 08:32	10/20/22 23:22	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/20/22 08:32	10/20/22 23:22	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/20/22 08:32	10/20/22 23:22	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/20/22 08:32	10/20/22 23:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	10/20/22 08:32	10/20/22 23:22	1
1,4-Difluorobenzene (Surr)	93		70 - 130	10/20/22 08:32	10/20/22 23:22	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.21.22)

Job ID: 880-20551-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-6 (1.5')

Lab Sample ID: 880-20551-6

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

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			10/21/22 12:47	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			10/20/22 17:23	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		10/20/22 08:19	10/20/22 15:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/20/22 08:19	10/20/22 15:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/20/22 08:19	10/20/22 15:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				10/20/22 08:19	10/20/22 15:43	1
o-Terphenyl	85		70 - 130				10/20/22 08:19	10/20/22 15:43	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	19.5		5.00		mg/Kg			10/20/22 16:41	1

Client Sample ID: SW-1 (5')

Lab Sample ID: 880-20551-7

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

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		10/20/22 08:32	10/20/22 23:43	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/20/22 08:32	10/20/22 23:43	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/20/22 08:32	10/20/22 23:43	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		10/20/22 08:32	10/20/22 23:43	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/20/22 08:32	10/20/22 23:43	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		10/20/22 08:32	10/20/22 23:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				10/20/22 08:32	10/20/22 23:43	1
1,4-Difluorobenzene (Surr)	96		70 - 130				10/20/22 08:32	10/20/22 23:43	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			10/21/22 12:47	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			10/20/22 17:23	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		10/20/22 08:19	10/20/22 16:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/20/22 08:19	10/20/22 16:05	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.21.22)

Job ID: 880-20551-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-1 (5')

Lab Sample ID: 880-20551-7

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/20/22 08:19	10/20/22 16:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				10/20/22 08:19	10/20/22 16:05	1
o-Terphenyl	105		70 - 130				10/20/22 08:19	10/20/22 16:05	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.0		5.05		mg/Kg			10/20/22 16:46	1

Client Sample ID: SW-2 (5')

Lab Sample ID: 880-20551-8

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

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		10/20/22 08:32	10/21/22 00:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/20/22 08:32	10/21/22 00:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/20/22 08:32	10/21/22 00:03	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/20/22 08:32	10/21/22 00:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/20/22 08:32	10/21/22 00:03	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/20/22 08:32	10/21/22 00:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				10/20/22 08:32	10/21/22 00:03	1
1,4-Difluorobenzene (Surr)	88		70 - 130				10/20/22 08:32	10/21/22 00:03	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			10/21/22 12:47	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			10/21/22 09:30	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		10/20/22 08:19	10/20/22 17:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/20/22 08:19	10/20/22 17:10	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/20/22 08:19	10/20/22 17:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				10/20/22 08:19	10/20/22 17:10	1
o-Terphenyl	116		70 - 130				10/20/22 08:19	10/20/22 17:10	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.6		5.01		mg/Kg			10/20/22 16:50	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.21.22)

Job ID: 880-20551-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-3 (1')

Lab Sample ID: 880-20551-9

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

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		10/20/22 08:32	10/21/22 00:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/20/22 08:32	10/21/22 00:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/20/22 08:32	10/21/22 00:24	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/20/22 08:32	10/21/22 00:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/20/22 08:32	10/21/22 00:24	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/20/22 08:32	10/21/22 00:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	10/20/22 08:32	10/21/22 00:24	1
1,4-Difluorobenzene (Surr)	93		70 - 130	10/20/22 08:32	10/21/22 00:24	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			10/21/22 12:47	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			10/21/22 09:30	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		10/20/22 08:19	10/20/22 17:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/20/22 08:19	10/20/22 17:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/20/22 08:19	10/20/22 17:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130	10/20/22 08:19	10/20/22 17:31	1
o-Terphenyl	93		70 - 130	10/20/22 08:19	10/20/22 17:31	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.9		4.98		mg/Kg			10/20/22 16:55	1

Client Sample ID: SW-4 (5')

Lab Sample ID: 880-20551-10

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

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		10/20/22 08:32	10/21/22 00:44	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/20/22 08:32	10/21/22 00:44	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/20/22 08:32	10/21/22 00:44	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		10/20/22 08:32	10/21/22 00:44	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/20/22 08:32	10/21/22 00:44	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		10/20/22 08:32	10/21/22 00:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	10/20/22 08:32	10/21/22 00:44	1
1,4-Difluorobenzene (Surr)	84		70 - 130	10/20/22 08:32	10/21/22 00:44	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.21.22)

Job ID: 880-20551-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-4 (5')

Lab Sample ID: 880-20551-10

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

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			10/21/22 12:47	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			10/21/22 09:30	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		10/20/22 08:19	10/20/22 17:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/20/22 08:19	10/20/22 17:53	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/20/22 08:19	10/20/22 17:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				10/20/22 08:19	10/20/22 17:53	1
o-Terphenyl	101		70 - 130				10/20/22 08:19	10/20/22 17:53	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.0		5.02		mg/Kg			10/20/22 17:00	1

Client Sample ID: SW-5 (4')

Lab Sample ID: 880-20551-11

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

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		10/20/22 08:32	10/21/22 02:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/20/22 08:32	10/21/22 02:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/20/22 08:32	10/21/22 02:07	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/20/22 08:32	10/21/22 02:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/20/22 08:32	10/21/22 02:07	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/20/22 08:32	10/21/22 02:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				10/20/22 08:32	10/21/22 02:07	1
1,4-Difluorobenzene (Surr)	101		70 - 130				10/20/22 08:32	10/21/22 02:07	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			10/21/22 12:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/21/22 10:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/20/22 08:21	10/20/22 12:07	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/20/22 08:21	10/20/22 12:07	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.21.22)

Job ID: 880-20551-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-5 (4')

Lab Sample ID: 880-20551-11

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

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)	<49.8	U	49.8		mg/Kg		10/20/22 08:21	10/20/22 12:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				10/20/22 08:21	10/20/22 12:07	1
o-Terphenyl	110		70 - 130				10/20/22 08:21	10/20/22 12:07	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	32.3		5.03		mg/Kg			10/20/22 17:05	1

Client Sample ID: SW-6 (4')

Lab Sample ID: 880-20551-12

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

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		10/20/22 08:32	10/21/22 02:27	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/20/22 08:32	10/21/22 02:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/20/22 08:32	10/21/22 02:27	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/20/22 08:32	10/21/22 02:27	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/20/22 08:32	10/21/22 02:27	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/20/22 08:32	10/21/22 02:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				10/20/22 08:32	10/21/22 02:27	1
1,4-Difluorobenzene (Surr)	86		70 - 130				10/20/22 08:32	10/21/22 02:27	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			10/21/22 12:47	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			10/21/22 10:56	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		10/20/22 08:21	10/20/22 13:12	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/20/22 08:21	10/20/22 13:12	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/20/22 08:21	10/20/22 13:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				10/20/22 08:21	10/20/22 13:12	1
o-Terphenyl	110		70 - 130				10/20/22 08:21	10/20/22 13:12	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.9		4.96		mg/Kg			10/20/22 17:20	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.21.22)

Job ID: 880-20551-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-7 (4')

Lab Sample ID: 880-20551-13

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

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		10/20/22 08:32	10/21/22 02:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/20/22 08:32	10/21/22 02:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/20/22 08:32	10/21/22 02:48	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/20/22 08:32	10/21/22 02:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/20/22 08:32	10/21/22 02:48	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/20/22 08:32	10/21/22 02:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	10/20/22 08:32	10/21/22 02:48	1
1,4-Difluorobenzene (Surr)	81		70 - 130	10/20/22 08:32	10/21/22 02:48	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			10/21/22 12:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/21/22 10:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/20/22 08:21	10/20/22 13:34	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/20/22 08:21	10/20/22 13:34	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/20/22 08:21	10/20/22 13:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130	10/20/22 08:21	10/20/22 13:34	1
o-Terphenyl	99		70 - 130	10/20/22 08:21	10/20/22 13:34	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	485		4.97		mg/Kg			10/20/22 17:24	1

Client Sample ID: SW-8 (4')

Lab Sample ID: 880-20551-14

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

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		10/20/22 08:32	10/21/22 03:08	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/20/22 08:32	10/21/22 03:08	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/20/22 08:32	10/21/22 03:08	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		10/20/22 08:32	10/21/22 03:08	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/20/22 08:32	10/21/22 03:08	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		10/20/22 08:32	10/21/22 03:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	10/20/22 08:32	10/21/22 03:08	1
1,4-Difluorobenzene (Surr)	93		70 - 130	10/20/22 08:32	10/21/22 03:08	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.21.22)

Job ID: 880-20551-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-8 (4')

Lab Sample ID: 880-20551-14

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			10/21/22 12:47	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			10/21/22 10:56	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		10/20/22 08:21	10/20/22 13:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/20/22 08:21	10/20/22 13:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/20/22 08:21	10/20/22 13:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				10/20/22 08:21	10/20/22 13:55	1
o-Terphenyl	109		70 - 130				10/20/22 08:21	10/20/22 13:55	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.3		4.99		mg/Kg			10/20/22 17:39	1

Client Sample ID: SW-9 (1.5')

Lab Sample ID: 880-20551-15

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

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		10/20/22 08:32	10/21/22 03:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/20/22 08:32	10/21/22 03:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/20/22 08:32	10/21/22 03:29	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/20/22 08:32	10/21/22 03:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/20/22 08:32	10/21/22 03:29	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/20/22 08:32	10/21/22 03:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				10/20/22 08:32	10/21/22 03:29	1
1,4-Difluorobenzene (Surr)	96		70 - 130				10/20/22 08:32	10/21/22 03:29	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			10/21/22 12:47	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			10/21/22 10:56	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		10/20/22 08:21	10/20/22 14:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/20/22 08:21	10/20/22 14:17	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.21.22)

Job ID: 880-20551-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-9 (1.5')

Lab Sample ID: 880-20551-15

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

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		10/20/22 08:21	10/20/22 14:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				10/20/22 08:21	10/20/22 14:17	1
o-Terphenyl	99		70 - 130				10/20/22 08:21	10/20/22 14:17	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.6		4.96		mg/Kg			10/20/22 17:44	1

Client Sample ID: SW-10 (1.5')

Lab Sample ID: 880-20551-16

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

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		10/20/22 08:32	10/21/22 03:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/20/22 08:32	10/21/22 03:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/20/22 08:32	10/21/22 03:50	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/20/22 08:32	10/21/22 03:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/20/22 08:32	10/21/22 03:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/20/22 08:32	10/21/22 03:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				10/20/22 08:32	10/21/22 03:50	1
1,4-Difluorobenzene (Surr)	85		70 - 130				10/20/22 08:32	10/21/22 03:50	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			10/21/22 12:47	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			10/21/22 10:56	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		10/20/22 08:21	10/20/22 14:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/20/22 08:21	10/20/22 14:38	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/20/22 08:21	10/20/22 14:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				10/20/22 08:21	10/20/22 14:38	1
o-Terphenyl	92		70 - 130				10/20/22 08:21	10/20/22 14:38	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.9		5.04		mg/Kg			10/20/22 17:49	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.21.22)

Job ID: 880-20551-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-11 (1.5')

Lab Sample ID: 880-20551-17

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

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		10/20/22 08:32	10/21/22 04:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/20/22 08:32	10/21/22 04:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/20/22 08:32	10/21/22 04:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/20/22 08:32	10/21/22 04:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/20/22 08:32	10/21/22 04:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/20/22 08:32	10/21/22 04:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	10/20/22 08:32	10/21/22 04:10	1
1,4-Difluorobenzene (Surr)	88		70 - 130	10/20/22 08:32	10/21/22 04:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/21/22 12:47	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			10/21/22 10:56	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		10/20/22 08:21	10/20/22 15:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/20/22 08:21	10/20/22 15:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/20/22 08:21	10/20/22 15:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	10/20/22 08:21	10/20/22 15:00	1
o-Terphenyl	109		70 - 130	10/20/22 08:21	10/20/22 15:00	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.8		4.98		mg/Kg			10/20/22 17:54	1

Client Sample ID: SW-12 (4')

Lab Sample ID: 880-20551-18

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

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		10/20/22 08:32	10/21/22 04:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/20/22 08:32	10/21/22 04:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/20/22 08:32	10/21/22 04:31	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/20/22 08:32	10/21/22 04:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/20/22 08:32	10/21/22 04:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/20/22 08:32	10/21/22 04:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	10/20/22 08:32	10/21/22 04:31	1
1,4-Difluorobenzene (Surr)	94		70 - 130	10/20/22 08:32	10/21/22 04:31	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.21.22)

Job ID: 880-20551-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-12 (4')

Lab Sample ID: 880-20551-18

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

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			10/21/22 12:47	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			10/21/22 10:56	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		10/20/22 08:21	10/20/22 15:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/20/22 08:21	10/20/22 15:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/20/22 08:21	10/20/22 15:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				10/20/22 08:21	10/20/22 15:21	1
o-Terphenyl	102		70 - 130				10/20/22 08:21	10/20/22 15:21	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.2		5.02		mg/Kg			10/20/22 17:59	1

Client Sample ID: SW-13 (4')

Lab Sample ID: 880-20551-19

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

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		10/20/22 08:32	10/21/22 04:51	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/20/22 08:32	10/21/22 04:51	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/20/22 08:32	10/21/22 04:51	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/20/22 08:32	10/21/22 04:51	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/20/22 08:32	10/21/22 04:51	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/20/22 08:32	10/21/22 04:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				10/20/22 08:32	10/21/22 04:51	1
1,4-Difluorobenzene (Surr)	78		70 - 130				10/20/22 08:32	10/21/22 04:51	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			10/21/22 12:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/21/22 10:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/20/22 08:21	10/20/22 15:43	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/20/22 08:21	10/20/22 15:43	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.21.22)

Job ID: 880-20551-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-13 (4')

Lab Sample ID: 880-20551-19

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

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)	<49.8	U	49.8		mg/Kg		10/20/22 08:21	10/20/22 15:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				10/20/22 08:21	10/20/22 15:43	1
o-Terphenyl	115		70 - 130				10/20/22 08:21	10/20/22 15:43	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.0		5.01		mg/Kg			10/20/22 18:04	1

Client Sample ID: SW-14 (4')

Lab Sample ID: 880-20551-20

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

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		10/20/22 08:32	10/21/22 05:12	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/20/22 08:32	10/21/22 05:12	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/20/22 08:32	10/21/22 05:12	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/20/22 08:32	10/21/22 05:12	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/20/22 08:32	10/21/22 05:12	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/20/22 08:32	10/21/22 05:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				10/20/22 08:32	10/21/22 05:12	1
1,4-Difluorobenzene (Surr)	81		70 - 130				10/20/22 08:32	10/21/22 05:12	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			10/21/22 12:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/21/22 10:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/20/22 08:21	10/20/22 16:05	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/20/22 08:21	10/20/22 16:05	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/20/22 08:21	10/20/22 16:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				10/20/22 08:21	10/20/22 16:05	1
o-Terphenyl	97		70 - 130				10/20/22 08:21	10/20/22 16:05	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.7		5.05		mg/Kg			10/20/22 18:08	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.21.22)

Job ID: 880-20551-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-20551-1	CS-1 (5')	104	91
880-20551-1 MS	CS-1 (5')	111	102
880-20551-1 MSD	CS-1 (5')	130	105
880-20551-2	CS-2 (4')	92	81
880-20551-3	CS-3 (4')	95	92
880-20551-4	CS-4 (1.5')	96	97
880-20551-5	CS-5 (1.5')	96	97
880-20551-6	CS-6 (1.5')	95	93
880-20551-7	SW-1 (5')	97	96
880-20551-8	SW-2 (5')	97	88
880-20551-9	SW-3 (1')	95	93
880-20551-10	SW-4 (5')	112	84
880-20551-11	SW-5 (4')	96	101
880-20551-12	SW-6 (4')	91	86
880-20551-13	SW-7 (4')	112	81
880-20551-14	SW-8 (4')	102	93
880-20551-15	SW-9 (1.5')	95	96
880-20551-16	SW-10 (1.5')	112	85
880-20551-17	SW-11 (1.5')	102	88
880-20551-18	SW-12 (4')	93	94
880-20551-19	SW-13 (4')	107	78
880-20551-20	SW-14 (4')	110	81
LCS 880-37366/1-A	Lab Control Sample	98	111
LCSD 880-37366/2-A	Lab Control Sample Dup	104	94
MB 880-37158/5-A	Method Blank	90	94
MB 880-37366/5-A	Method Blank	88	91

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-20551-1	CS-1 (5')	92	95
880-20551-1 MS	CS-1 (5')	86	72
880-20551-1 MSD	CS-1 (5')	78	75
880-20551-2	CS-2 (4')	91	91
880-20551-3	CS-3 (4')	96	99
880-20551-4	CS-4 (1.5')	97	99
880-20551-5	CS-5 (1.5')	92	92
880-20551-6	CS-6 (1.5')	83	85
880-20551-7	SW-1 (5')	102	105
880-20551-8	SW-2 (5')	112	116
880-20551-9	SW-3 (1')	89	93
880-20551-10	SW-4 (5')	96	101
880-20551-11	SW-5 (4')	99	110

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-20551-1

Project/Site: Myox State 31-0 CTB (07.21.22)

SDG: Eddy County, New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)**Matrix: Solid****Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-20551-11 MS	SW-5 (4')	77	78
880-20551-11 MSD	SW-5 (4')	72	72
880-20551-12	SW-6 (4')	98	110
880-20551-13	SW-7 (4')	89	99
880-20551-14	SW-8 (4')	97	109
880-20551-15	SW-9 (1.5')	87	99
880-20551-16	SW-10 (1.5')	82	92
880-20551-17	SW-11 (1.5')	99	109
880-20551-18	SW-12 (4')	91	102
880-20551-19	SW-13 (4')	102	115
880-20551-20	SW-14 (4')	87	97
LCS 880-37354/2-A	Lab Control Sample	83	82
LCS 880-37355/2-A	Lab Control Sample	114	133 S1+
LCSD 880-37354/3-A	Lab Control Sample Dup	90	77
LCSD 880-37355/3-A	Lab Control Sample Dup	99	111
MB 880-37354/1-A	Method Blank	133 S1+	137 S1+
MB 880-37355/1-A	Method Blank	119	134 S1+

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.21.22)

Job ID: 880-20551-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-37158/5-A

Matrix: Solid

Analysis Batch: 37352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 37158

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/22 13:28	10/20/22 10:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/22 13:28	10/20/22 10:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/22 13:28	10/20/22 10:45	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/17/22 13:28	10/20/22 10:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/22 13:28	10/20/22 10:45	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/17/22 13:28	10/20/22 10:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	10/17/22 13:28	10/20/22 10:45	1
1,4-Difluorobenzene (Surr)	94		70 - 130	10/17/22 13:28	10/20/22 10:45	1

Lab Sample ID: MB 880-37366/5-A

Matrix: Solid

Analysis Batch: 37352

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 37366

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/20/22 08:32	10/20/22 21:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/20/22 08:32	10/20/22 21:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/20/22 08:32	10/20/22 21:18	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/20/22 08:32	10/20/22 21:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/20/22 08:32	10/20/22 21:18	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/20/22 08:32	10/20/22 21:18	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	10/20/22 08:32	10/20/22 21:18	1
1,4-Difluorobenzene (Surr)	91		70 - 130	10/20/22 08:32	10/20/22 21:18	1

Lab Sample ID: LCS 880-37366/1-A

Matrix: Solid

Analysis Batch: 37352

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 37366

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1135		mg/Kg		114	70 - 130
Toluene	0.100	0.09391		mg/Kg		94	70 - 130
Ethylbenzene	0.100	0.09619		mg/Kg		96	70 - 130
m-Xylene & p-Xylene	0.200	0.1928		mg/Kg		96	70 - 130
o-Xylene	0.100	0.09773		mg/Kg		98	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

Lab Sample ID: LCSD 880-37366/2-A

Matrix: Solid

Analysis Batch: 37352

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 37366

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1095		mg/Kg		109	70 - 130	4	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.21.22)

Job ID: 880-20551-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCSD 880-37366/2-A

Matrix: Solid

Analysis Batch: 37352

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 37366

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.09936		mg/Kg		99	70 - 130	6	35
Ethylbenzene	0.100	0.09858		mg/Kg		99	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2059		mg/Kg		103	70 - 130	7	35
o-Xylene	0.100	0.1054		mg/Kg		105	70 - 130	8	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: 880-20551-1 MS

Matrix: Solid

Analysis Batch: 37352

Client Sample ID: CS-1 (5')

Prep Type: Total/NA

Prep Batch: 37366

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U	0.100	0.09147		mg/Kg		91	70 - 130
Toluene	<0.00202	U F1	0.100	0.08297		mg/Kg		83	70 - 130
Ethylbenzene	<0.00202	U F1 F2	0.100	0.09094		mg/Kg		91	70 - 130
m-Xylene & p-Xylene	<0.00404	U F1 F2	0.200	0.1856		mg/Kg		93	70 - 130
o-Xylene	<0.00202	U F1 F2	0.100	0.09887		mg/Kg		99	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-20551-1 MSD

Matrix: Solid

Analysis Batch: 37352

Client Sample ID: CS-1 (5')

Prep Type: Total/NA

Prep Batch: 37366

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.101	0.07879		mg/Kg		78	70 - 130	15	35
Toluene	<0.00202	U F1	0.101	0.06183	F1	mg/Kg		61	70 - 130	29	35
Ethylbenzene	<0.00202	U F1 F2	0.101	0.06124	F1 F2	mg/Kg		61	70 - 130	39	35
m-Xylene & p-Xylene	<0.00404	U F1 F2	0.202	0.1189	F1 F2	mg/Kg		59	70 - 130	44	35
o-Xylene	<0.00202	U F1 F2	0.101	0.06771	F1 F2	mg/Kg		67	70 - 130	37	35

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

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

Lab Sample ID: MB 880-37354/1-A

Matrix: Solid

Analysis Batch: 37357

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 37354

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/20/22 08:19	10/20/22 11:03	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.21.22)

Job ID: 880-20551-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: MB 880-37354/1-A

Matrix: Solid

Analysis Batch: 37357

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 37354

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/20/22 08:19	10/20/22 11:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/20/22 08:19	10/20/22 11:03	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	133	S1+	70 - 130				10/20/22 08:19	10/20/22 11:03	1
o-Terphenyl	137	S1+	70 - 130				10/20/22 08:19	10/20/22 11:03	1

Lab Sample ID: LCS 880-37354/2-A

Matrix: Solid

Analysis Batch: 37357

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 37354

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	900.4		mg/Kg		90	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	843.9		mg/Kg		84	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	83		70 - 130						
o-Terphenyl	82		70 - 130						

Lab Sample ID: LCSD 880-37354/3-A

Matrix: Solid

Analysis Batch: 37357

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 37354

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	904.5		mg/Kg		90	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1000	846.0		mg/Kg		85	70 - 130	0	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	90		70 - 130						
o-Terphenyl	77		70 - 130						

Lab Sample ID: 880-20551-1 MS

Matrix: Solid

Analysis Batch: 37357

Client Sample ID: CS-1 (5')

Prep Type: Total/NA

Prep Batch: 37354

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.8	U F1 F2	998	703.0	F1	mg/Kg		69	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.8	U	998	830.9		mg/Kg		83	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	86		70 - 130								
o-Terphenyl	72		70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.21.22)

Job ID: 880-20551-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-20551-1 MSD

Matrix: Solid

Analysis Batch: 37357

Client Sample ID: CS-1 (5')

Prep Type: Total/NA

Prep Batch: 37354

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U F1 F2	998	927.0	F2	mg/Kg		91	70 - 130	27	20
Diesel Range Organics (Over C10-C28)	<49.8	U	998	894.0		mg/Kg		90	70 - 130	7	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	78		70 - 130								
o-Terphenyl	75		70 - 130								

Lab Sample ID: MB 880-37355/1-A

Matrix: Solid

Analysis Batch: 37359

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 37355

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/20/22 08:21	10/20/22 11:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/20/22 08:21	10/20/22 11:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/20/22 08:21	10/20/22 11:03	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130				10/20/22 08:21	10/20/22 11:03	1
o-Terphenyl	134	S1+	70 - 130				10/20/22 08:21	10/20/22 11:03	1

Lab Sample ID: LCS 880-37355/2-A

Matrix: Solid

Analysis Batch: 37359

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 37355

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	803.0		mg/Kg		80	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	1045		mg/Kg		105	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	114		70 - 130						
o-Terphenyl	133	S1+	70 - 130						

Lab Sample ID: LCSD 880-37355/3-A

Matrix: Solid

Analysis Batch: 37359

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 37355

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	908.2		mg/Kg		91	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	1000	903.5		mg/Kg		90	70 - 130	15	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.21.22)

Job ID: 880-20551-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCSD 880-37355/3-A

Matrix: Solid

Analysis Batch: 37359

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 37355

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	99		70 - 130
o-Terphenyl	111		70 - 130

Lab Sample ID: 880-20551-11 MS

Matrix: Solid

Analysis Batch: 37359

Client Sample ID: SW-5 (4')

Prep Type: Total/NA

Prep Batch: 37355

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	998	1055		mg/Kg		104	70 - 130
Diesel Range Organics (Over C10-C28)	<49.8	U	998	875.6		mg/Kg		84	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	77		70 - 130
o-Terphenyl	78		70 - 130

Lab Sample ID: 880-20551-11 MSD

Matrix: Solid

Analysis Batch: 37359

Client Sample ID: SW-5 (4')

Prep Type: Total/NA

Prep Batch: 37355

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	998	1039		mg/Kg		102	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.8	U	998	856.7		mg/Kg		82	70 - 130	2	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	72		70 - 130
o-Terphenyl	72		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-37370/1-A

Matrix: Solid

Analysis Batch: 37403

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			10/20/22 14:00	1

Lab Sample ID: LCS 880-37370/2-A

Matrix: Solid

Analysis Batch: 37403

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	256.4		mg/Kg		103	90 - 110

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.21.22)

Job ID: 880-20551-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-37370/3-A

Matrix: Solid

Analysis Batch: 37403

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	255.1		mg/Kg		102	90 - 110	1	20

Lab Sample ID: 880-20551-1 MS

Matrix: Solid

Analysis Batch: 37403

Client Sample ID: CS-1 (5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	28.5		250	275.8		mg/Kg		99	90 - 110		

Lab Sample ID: 880-20551-1 MSD

Matrix: Solid

Analysis Batch: 37403

Client Sample ID: CS-1 (5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	28.5		250	271.9		mg/Kg		98	90 - 110	1	20

Lab Sample ID: 880-20551-11 MS

Matrix: Solid

Analysis Batch: 37403

Client Sample ID: SW-5 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	32.3		252	286.5		mg/Kg		101	90 - 110		

Lab Sample ID: 880-20551-11 MSD

Matrix: Solid

Analysis Batch: 37403

Client Sample ID: SW-5 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	32.3		252	268.6		mg/Kg		94	90 - 110	6	20

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QC Association Summary

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.21.22)

Job ID: 880-20551-1
SDG: Eddy County, New Mexico

GC VOA

Prep Batch: 37158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-37158/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 37352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20551-1	CS-1 (5')	Total/NA	Solid	8021B	37366
880-20551-2	CS-2 (4')	Total/NA	Solid	8021B	37366
880-20551-3	CS-3 (4')	Total/NA	Solid	8021B	37366
880-20551-4	CS-4 (1.5')	Total/NA	Solid	8021B	37366
880-20551-5	CS-5 (1.5')	Total/NA	Solid	8021B	37366
880-20551-6	CS-6 (1.5')	Total/NA	Solid	8021B	37366
880-20551-7	SW-1 (5')	Total/NA	Solid	8021B	37366
880-20551-8	SW-2 (5')	Total/NA	Solid	8021B	37366
880-20551-9	SW-3 (1')	Total/NA	Solid	8021B	37366
880-20551-10	SW-4 (5')	Total/NA	Solid	8021B	37366
880-20551-11	SW-5 (4')	Total/NA	Solid	8021B	37366
880-20551-12	SW-6 (4')	Total/NA	Solid	8021B	37366
880-20551-13	SW-7 (4')	Total/NA	Solid	8021B	37366
880-20551-14	SW-8 (4')	Total/NA	Solid	8021B	37366
880-20551-15	SW-9 (1.5')	Total/NA	Solid	8021B	37366
880-20551-16	SW-10 (1.5')	Total/NA	Solid	8021B	37366
880-20551-17	SW-11 (1.5')	Total/NA	Solid	8021B	37366
880-20551-18	SW-12 (4')	Total/NA	Solid	8021B	37366
880-20551-19	SW-13 (4')	Total/NA	Solid	8021B	37366
880-20551-20	SW-14 (4')	Total/NA	Solid	8021B	37366
MB 880-37158/5-A	Method Blank	Total/NA	Solid	8021B	37158
MB 880-37366/5-A	Method Blank	Total/NA	Solid	8021B	37366
LCS 880-37366/1-A	Lab Control Sample	Total/NA	Solid	8021B	37366
LCSD 880-37366/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	37366
880-20551-1 MS	CS-1 (5')	Total/NA	Solid	8021B	37366
880-20551-1 MSD	CS-1 (5')	Total/NA	Solid	8021B	37366

Prep Batch: 37366

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20551-1	CS-1 (5')	Total/NA	Solid	5035	
880-20551-2	CS-2 (4')	Total/NA	Solid	5035	
880-20551-3	CS-3 (4')	Total/NA	Solid	5035	
880-20551-4	CS-4 (1.5')	Total/NA	Solid	5035	
880-20551-5	CS-5 (1.5')	Total/NA	Solid	5035	
880-20551-6	CS-6 (1.5')	Total/NA	Solid	5035	
880-20551-7	SW-1 (5')	Total/NA	Solid	5035	
880-20551-8	SW-2 (5')	Total/NA	Solid	5035	
880-20551-9	SW-3 (1')	Total/NA	Solid	5035	
880-20551-10	SW-4 (5')	Total/NA	Solid	5035	
880-20551-11	SW-5 (4')	Total/NA	Solid	5035	
880-20551-12	SW-6 (4')	Total/NA	Solid	5035	
880-20551-13	SW-7 (4')	Total/NA	Solid	5035	
880-20551-14	SW-8 (4')	Total/NA	Solid	5035	
880-20551-15	SW-9 (1.5')	Total/NA	Solid	5035	
880-20551-16	SW-10 (1.5')	Total/NA	Solid	5035	
880-20551-17	SW-11 (1.5')	Total/NA	Solid	5035	
880-20551-18	SW-12 (4')	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.21.22)

Job ID: 880-20551-1
SDG: Eddy County, New Mexico

GC VOA (Continued)

Prep Batch: 37366 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20551-19	SW-13 (4')	Total/NA	Solid	5035	
880-20551-20	SW-14 (4')	Total/NA	Solid	5035	
MB 880-37366/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-37366/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-37366/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-20551-1 MS	CS-1 (5')	Total/NA	Solid	5035	
880-20551-1 MSD	CS-1 (5')	Total/NA	Solid	5035	

Analysis Batch: 37488

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20551-1	CS-1 (5')	Total/NA	Solid	Total BTEX	
880-20551-2	CS-2 (4')	Total/NA	Solid	Total BTEX	
880-20551-3	CS-3 (4')	Total/NA	Solid	Total BTEX	
880-20551-4	CS-4 (1.5')	Total/NA	Solid	Total BTEX	
880-20551-5	CS-5 (1.5')	Total/NA	Solid	Total BTEX	
880-20551-6	CS-6 (1.5')	Total/NA	Solid	Total BTEX	
880-20551-7	SW-1 (5')	Total/NA	Solid	Total BTEX	
880-20551-8	SW-2 (5')	Total/NA	Solid	Total BTEX	
880-20551-9	SW-3 (1')	Total/NA	Solid	Total BTEX	
880-20551-10	SW-4 (5')	Total/NA	Solid	Total BTEX	
880-20551-11	SW-5 (4')	Total/NA	Solid	Total BTEX	
880-20551-12	SW-6 (4')	Total/NA	Solid	Total BTEX	
880-20551-13	SW-7 (4')	Total/NA	Solid	Total BTEX	
880-20551-14	SW-8 (4')	Total/NA	Solid	Total BTEX	
880-20551-15	SW-9 (1.5')	Total/NA	Solid	Total BTEX	
880-20551-16	SW-10 (1.5')	Total/NA	Solid	Total BTEX	
880-20551-17	SW-11 (1.5')	Total/NA	Solid	Total BTEX	
880-20551-18	SW-12 (4')	Total/NA	Solid	Total BTEX	
880-20551-19	SW-13 (4')	Total/NA	Solid	Total BTEX	
880-20551-20	SW-14 (4')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 37354

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20551-1	CS-1 (5')	Total/NA	Solid	8015NM Prep	
880-20551-2	CS-2 (4')	Total/NA	Solid	8015NM Prep	
880-20551-3	CS-3 (4')	Total/NA	Solid	8015NM Prep	
880-20551-4	CS-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-20551-5	CS-5 (1.5')	Total/NA	Solid	8015NM Prep	
880-20551-6	CS-6 (1.5')	Total/NA	Solid	8015NM Prep	
880-20551-7	SW-1 (5')	Total/NA	Solid	8015NM Prep	
880-20551-8	SW-2 (5')	Total/NA	Solid	8015NM Prep	
880-20551-9	SW-3 (1')	Total/NA	Solid	8015NM Prep	
880-20551-10	SW-4 (5')	Total/NA	Solid	8015NM Prep	
MB 880-37354/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-37354/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-37354/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-20551-1 MS	CS-1 (5')	Total/NA	Solid	8015NM Prep	
880-20551-1 MSD	CS-1 (5')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.21.22)

Job ID: 880-20551-1
SDG: Eddy County, New Mexico

GC Semi VOA

Prep Batch: 37355

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20551-11	SW-5 (4')	Total/NA	Solid	8015NM Prep	
880-20551-12	SW-6 (4')	Total/NA	Solid	8015NM Prep	
880-20551-13	SW-7 (4')	Total/NA	Solid	8015NM Prep	
880-20551-14	SW-8 (4')	Total/NA	Solid	8015NM Prep	
880-20551-15	SW-9 (1.5')	Total/NA	Solid	8015NM Prep	
880-20551-16	SW-10 (1.5')	Total/NA	Solid	8015NM Prep	
880-20551-17	SW-11 (1.5')	Total/NA	Solid	8015NM Prep	
880-20551-18	SW-12 (4')	Total/NA	Solid	8015NM Prep	
880-20551-19	SW-13 (4')	Total/NA	Solid	8015NM Prep	
880-20551-20	SW-14 (4')	Total/NA	Solid	8015NM Prep	
MB 880-37355/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-37355/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-37355/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-20551-11 MS	SW-5 (4')	Total/NA	Solid	8015NM Prep	
880-20551-11 MSD	SW-5 (4')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 37357

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20551-1	CS-1 (5')	Total/NA	Solid	8015B NM	37354
880-20551-2	CS-2 (4')	Total/NA	Solid	8015B NM	37354
880-20551-3	CS-3 (4')	Total/NA	Solid	8015B NM	37354
880-20551-4	CS-4 (1.5')	Total/NA	Solid	8015B NM	37354
880-20551-5	CS-5 (1.5')	Total/NA	Solid	8015B NM	37354
880-20551-6	CS-6 (1.5')	Total/NA	Solid	8015B NM	37354
880-20551-7	SW-1 (5')	Total/NA	Solid	8015B NM	37354
880-20551-8	SW-2 (5')	Total/NA	Solid	8015B NM	37354
880-20551-9	SW-3 (1')	Total/NA	Solid	8015B NM	37354
880-20551-10	SW-4 (5')	Total/NA	Solid	8015B NM	37354
MB 880-37354/1-A	Method Blank	Total/NA	Solid	8015B NM	37354
LCS 880-37354/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	37354
LCSD 880-37354/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	37354
880-20551-1 MS	CS-1 (5')	Total/NA	Solid	8015B NM	37354
880-20551-1 MSD	CS-1 (5')	Total/NA	Solid	8015B NM	37354

Analysis Batch: 37359

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20551-11	SW-5 (4')	Total/NA	Solid	8015B NM	37355
880-20551-12	SW-6 (4')	Total/NA	Solid	8015B NM	37355
880-20551-13	SW-7 (4')	Total/NA	Solid	8015B NM	37355
880-20551-14	SW-8 (4')	Total/NA	Solid	8015B NM	37355
880-20551-15	SW-9 (1.5')	Total/NA	Solid	8015B NM	37355
880-20551-16	SW-10 (1.5')	Total/NA	Solid	8015B NM	37355
880-20551-17	SW-11 (1.5')	Total/NA	Solid	8015B NM	37355
880-20551-18	SW-12 (4')	Total/NA	Solid	8015B NM	37355
880-20551-19	SW-13 (4')	Total/NA	Solid	8015B NM	37355
880-20551-20	SW-14 (4')	Total/NA	Solid	8015B NM	37355
MB 880-37355/1-A	Method Blank	Total/NA	Solid	8015B NM	37355
LCS 880-37355/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	37355
LCSD 880-37355/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	37355
880-20551-11 MS	SW-5 (4')	Total/NA	Solid	8015B NM	37355
880-20551-11 MSD	SW-5 (4')	Total/NA	Solid	8015B NM	37355

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.21.22)

Job ID: 880-20551-1
SDG: Eddy County, New Mexico

GC Semi VOA

Analysis Batch: 37433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20551-1	CS-1 (5')	Total/NA	Solid	8015 NM	
880-20551-2	CS-2 (4')	Total/NA	Solid	8015 NM	
880-20551-3	CS-3 (4')	Total/NA	Solid	8015 NM	
880-20551-4	CS-4 (1.5')	Total/NA	Solid	8015 NM	
880-20551-5	CS-5 (1.5')	Total/NA	Solid	8015 NM	
880-20551-6	CS-6 (1.5')	Total/NA	Solid	8015 NM	
880-20551-7	SW-1 (5')	Total/NA	Solid	8015 NM	
880-20551-8	SW-2 (5')	Total/NA	Solid	8015 NM	
880-20551-9	SW-3 (1')	Total/NA	Solid	8015 NM	
880-20551-10	SW-4 (5')	Total/NA	Solid	8015 NM	
880-20551-11	SW-5 (4')	Total/NA	Solid	8015 NM	
880-20551-12	SW-6 (4')	Total/NA	Solid	8015 NM	
880-20551-13	SW-7 (4')	Total/NA	Solid	8015 NM	
880-20551-14	SW-8 (4')	Total/NA	Solid	8015 NM	
880-20551-15	SW-9 (1.5')	Total/NA	Solid	8015 NM	
880-20551-16	SW-10 (1.5')	Total/NA	Solid	8015 NM	
880-20551-17	SW-11 (1.5')	Total/NA	Solid	8015 NM	
880-20551-18	SW-12 (4')	Total/NA	Solid	8015 NM	
880-20551-19	SW-13 (4')	Total/NA	Solid	8015 NM	
880-20551-20	SW-14 (4')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 37370

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20551-1	CS-1 (5')	Soluble	Solid	DI Leach	
880-20551-2	CS-2 (4')	Soluble	Solid	DI Leach	
880-20551-3	CS-3 (4')	Soluble	Solid	DI Leach	
880-20551-4	CS-4 (1.5')	Soluble	Solid	DI Leach	
880-20551-5	CS-5 (1.5')	Soluble	Solid	DI Leach	
880-20551-6	CS-6 (1.5')	Soluble	Solid	DI Leach	
880-20551-7	SW-1 (5')	Soluble	Solid	DI Leach	
880-20551-8	SW-2 (5')	Soluble	Solid	DI Leach	
880-20551-9	SW-3 (1')	Soluble	Solid	DI Leach	
880-20551-10	SW-4 (5')	Soluble	Solid	DI Leach	
880-20551-11	SW-5 (4')	Soluble	Solid	DI Leach	
880-20551-12	SW-6 (4')	Soluble	Solid	DI Leach	
880-20551-13	SW-7 (4')	Soluble	Solid	DI Leach	
880-20551-14	SW-8 (4')	Soluble	Solid	DI Leach	
880-20551-15	SW-9 (1.5')	Soluble	Solid	DI Leach	
880-20551-16	SW-10 (1.5')	Soluble	Solid	DI Leach	
880-20551-17	SW-11 (1.5')	Soluble	Solid	DI Leach	
880-20551-18	SW-12 (4')	Soluble	Solid	DI Leach	
880-20551-19	SW-13 (4')	Soluble	Solid	DI Leach	
880-20551-20	SW-14 (4')	Soluble	Solid	DI Leach	
MB 880-37370/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-37370/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-37370/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-20551-1 MS	CS-1 (5')	Soluble	Solid	DI Leach	
880-20551-1 MSD	CS-1 (5')	Soluble	Solid	DI Leach	
880-20551-11 MS	SW-5 (4')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.21.22)

Job ID: 880-20551-1
SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Leach Batch: 37370 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20551-11 MSD	SW-5 (4')	Soluble	Solid	DI Leach	

Analysis Batch: 37403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20551-1	CS-1 (5')	Soluble	Solid	300.0	37370
880-20551-2	CS-2 (4')	Soluble	Solid	300.0	37370
880-20551-3	CS-3 (4')	Soluble	Solid	300.0	37370
880-20551-4	CS-4 (1.5')	Soluble	Solid	300.0	37370
880-20551-5	CS-5 (1.5')	Soluble	Solid	300.0	37370
880-20551-6	CS-6 (1.5')	Soluble	Solid	300.0	37370
880-20551-7	SW-1 (5')	Soluble	Solid	300.0	37370
880-20551-8	SW-2 (5')	Soluble	Solid	300.0	37370
880-20551-9	SW-3 (1')	Soluble	Solid	300.0	37370
880-20551-10	SW-4 (5')	Soluble	Solid	300.0	37370
880-20551-11	SW-5 (4')	Soluble	Solid	300.0	37370
880-20551-12	SW-6 (4')	Soluble	Solid	300.0	37370
880-20551-13	SW-7 (4')	Soluble	Solid	300.0	37370
880-20551-14	SW-8 (4')	Soluble	Solid	300.0	37370
880-20551-15	SW-9 (1.5')	Soluble	Solid	300.0	37370
880-20551-16	SW-10 (1.5')	Soluble	Solid	300.0	37370
880-20551-17	SW-11 (1.5')	Soluble	Solid	300.0	37370
880-20551-18	SW-12 (4')	Soluble	Solid	300.0	37370
880-20551-19	SW-13 (4')	Soluble	Solid	300.0	37370
880-20551-20	SW-14 (4')	Soluble	Solid	300.0	37370
MB 880-37370/1-A	Method Blank	Soluble	Solid	300.0	37370
LCS 880-37370/2-A	Lab Control Sample	Soluble	Solid	300.0	37370
LCSD 880-37370/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	37370
880-20551-1 MS	CS-1 (5')	Soluble	Solid	300.0	37370
880-20551-1 MSD	CS-1 (5')	Soluble	Solid	300.0	37370
880-20551-11 MS	SW-5 (4')	Soluble	Solid	300.0	37370
880-20551-11 MSD	SW-5 (4')	Soluble	Solid	300.0	37370

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.21.22)

Job ID: 880-20551-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-1 (5')

Lab Sample ID: 880-20551-1

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	37366	10/20/22 08:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37352	10/20/22 21:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37488	10/21/22 12:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			37433	10/20/22 17:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	37354	10/20/22 08:19	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37357	10/20/22 12:07	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	37370	10/20/22 09:18	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37403	10/20/22 15:57	CH	EET MID

Client Sample ID: CS-2 (4')

Lab Sample ID: 880-20551-2

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	37366	10/20/22 08:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37352	10/20/22 22:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37488	10/21/22 12:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			37433	10/20/22 17:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	37354	10/20/22 08:19	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37357	10/20/22 13:12	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	37370	10/20/22 09:18	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37403	10/20/22 16:11	CH	EET MID

Client Sample ID: CS-3 (4')

Lab Sample ID: 880-20551-3

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	37366	10/20/22 08:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37352	10/20/22 22:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37488	10/21/22 12:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			37433	10/20/22 17:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	37354	10/20/22 08:19	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37357	10/20/22 14:38	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	37370	10/20/22 09:18	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37403	10/20/22 16:16	CH	EET MID

Client Sample ID: CS-4 (1.5')

Lab Sample ID: 880-20551-4

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	37366	10/20/22 08:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37352	10/20/22 22:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37488	10/21/22 12:47	SM	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.21.22)

Job ID: 880-20551-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-4 (1.5')

Lab Sample ID: 880-20551-4

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			37433	10/20/22 17:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	37354	10/20/22 08:19	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37357	10/20/22 15:00	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	37370	10/20/22 09:18	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37403	10/20/22 16:21	CH	EET MID

Client Sample ID: CS-5 (1.5')

Lab Sample ID: 880-20551-5

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	37366	10/20/22 08:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37352	10/20/22 23:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37488	10/21/22 12:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			37433	10/20/22 17:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	37354	10/20/22 08:19	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37357	10/20/22 15:21	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	37370	10/20/22 09:18	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37403	10/20/22 16:26	CH	EET MID

Client Sample ID: CS-6 (1.5')

Lab Sample ID: 880-20551-6

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	37366	10/20/22 08:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37352	10/20/22 23:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37488	10/21/22 12:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			37433	10/20/22 17:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	37354	10/20/22 08:19	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37357	10/20/22 15:43	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	37370	10/20/22 09:18	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37403	10/20/22 16:41	CH	EET MID

Client Sample ID: SW-1 (5')

Lab Sample ID: 880-20551-7

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	37366	10/20/22 08:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37352	10/20/22 23:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37488	10/21/22 12:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			37433	10/20/22 17:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	37354	10/20/22 08:19	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37357	10/20/22 16:05	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.21.22)

Job ID: 880-20551-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-1 (5')

Lab Sample ID: 880-20551-7

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	37370	10/20/22 09:18	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37403	10/20/22 16:46	CH	EET MID

Client Sample ID: SW-2 (5')

Lab Sample ID: 880-20551-8

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	37366	10/20/22 08:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37352	10/21/22 00:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37488	10/21/22 12:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			37433	10/21/22 09:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	37354	10/20/22 08:19	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37357	10/20/22 17:10	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	37370	10/20/22 09:18	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37403	10/20/22 16:50	CH	EET MID

Client Sample ID: SW-3 (1')

Lab Sample ID: 880-20551-9

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	37366	10/20/22 08:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37352	10/21/22 00:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37488	10/21/22 12:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			37433	10/21/22 09:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	37354	10/20/22 08:19	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37357	10/20/22 17:31	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	37370	10/20/22 09:18	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37403	10/20/22 16:55	CH	EET MID

Client Sample ID: SW-4 (5')

Lab Sample ID: 880-20551-10

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	37366	10/20/22 08:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37352	10/21/22 00:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37488	10/21/22 12:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			37433	10/21/22 09:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	37354	10/20/22 08:19	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37357	10/20/22 17:53	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	37370	10/20/22 09:18	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37403	10/20/22 17:00	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.21.22)

Job ID: 880-20551-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-5 (4')

Lab Sample ID: 880-20551-11

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	37366	10/20/22 08:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37352	10/21/22 02:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37488	10/21/22 12:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			37433	10/21/22 10:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	37355	10/20/22 08:21	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37359	10/20/22 12:07	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	37370	10/20/22 09:18	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37403	10/20/22 17:05	CH	EET MID

Client Sample ID: SW-6 (4')

Lab Sample ID: 880-20551-12

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	37366	10/20/22 08:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37352	10/21/22 02:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37488	10/21/22 12:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			37433	10/21/22 10:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	37355	10/20/22 08:21	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37359	10/20/22 13:12	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	37370	10/20/22 09:18	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37403	10/20/22 17:20	CH	EET MID

Client Sample ID: SW-7 (4')

Lab Sample ID: 880-20551-13

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	37366	10/20/22 08:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37352	10/21/22 02:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37488	10/21/22 12:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			37433	10/21/22 10:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	37355	10/20/22 08:21	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37359	10/20/22 13:34	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	37370	10/20/22 09:18	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37403	10/20/22 17:24	CH	EET MID

Client Sample ID: SW-8 (4')

Lab Sample ID: 880-20551-14

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	37366	10/20/22 08:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37352	10/21/22 03:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37488	10/21/22 12:47	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.21.22)

Job ID: 880-20551-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-8 (4')

Lab Sample ID: 880-20551-14

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			37433	10/21/22 10:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	37355	10/20/22 08:21	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37359	10/20/22 13:55	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	37370	10/20/22 09:18	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37403	10/20/22 17:39	CH	EET MID

Client Sample ID: SW-9 (1.5')

Lab Sample ID: 880-20551-15

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	37366	10/20/22 08:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37352	10/21/22 03:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37488	10/21/22 12:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			37433	10/21/22 10:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	37355	10/20/22 08:21	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37359	10/20/22 14:17	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	37370	10/20/22 09:18	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37403	10/20/22 17:44	CH	EET MID

Client Sample ID: SW-10 (1.5')

Lab Sample ID: 880-20551-16

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	37366	10/20/22 08:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37352	10/21/22 03:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37488	10/21/22 12:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			37433	10/21/22 10:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	37355	10/20/22 08:21	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37359	10/20/22 14:38	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	37370	10/20/22 09:18	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37403	10/20/22 17:49	CH	EET MID

Client Sample ID: SW-11 (1.5')

Lab Sample ID: 880-20551-17

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	37366	10/20/22 08:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37352	10/21/22 04:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37488	10/21/22 12:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			37433	10/21/22 10:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	37355	10/20/22 08:21	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37359	10/20/22 15:00	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.21.22)

Job ID: 880-20551-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-11 (1.5')

Lab Sample ID: 880-20551-17

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	37370	10/20/22 09:18	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37403	10/20/22 17:54	CH	EET MID

Client Sample ID: SW-12 (4')

Lab Sample ID: 880-20551-18

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	37366	10/20/22 08:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37352	10/21/22 04:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37488	10/21/22 12:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			37433	10/21/22 10:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	37355	10/20/22 08:21	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37359	10/20/22 15:21	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	37370	10/20/22 09:18	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37403	10/20/22 17:59	CH	EET MID

Client Sample ID: SW-13 (4')

Lab Sample ID: 880-20551-19

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	37366	10/20/22 08:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37352	10/21/22 04:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37488	10/21/22 12:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			37433	10/21/22 10:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	37355	10/20/22 08:21	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37359	10/20/22 15:43	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	37370	10/20/22 09:18	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37403	10/20/22 18:04	CH	EET MID

Client Sample ID: SW-14 (4')

Lab Sample ID: 880-20551-20

Date Collected: 10/18/22 00:00

Matrix: Solid

Date Received: 10/20/22 08:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	37366	10/20/22 08:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	37352	10/21/22 05:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37488	10/21/22 12:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			37433	10/21/22 10:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	37355	10/20/22 08:21	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37359	10/20/22 16:05	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	37370	10/20/22 09:18	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	37403	10/20/22 18:08	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.21.22)

Job ID: 880-20551-1
SDG: Eddy County, New Mexico

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

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Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.21.22)

Job ID: 880-20551-1
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	T104704400-22-24	06-30-23

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

Analysis Method	Prep Method	Matrix	Analyte
300.0		Solid	Chloride
8015 NM		Solid	Total TPH
8015B NM	8015NM Prep	Solid	Diesel Range Organics (Over C10-C28)
8015B NM	8015NM Prep	Solid	Gasoline Range Organics (GRO)-C6-C10
8015B NM	8015NM Prep	Solid	Oil Range Organics (Over C28-C36)
8021B	5035	Solid	Benzene
8021B	5035	Solid	Ethylbenzene
8021B	5035	Solid	m-Xylene & p-Xylene
8021B	5035	Solid	o-Xylene
8021B	5035	Solid	Toluene
8021B	5035	Solid	Xylenes, Total
Total BTEX		Solid	Total BTEX

Eurofins Midland

Method Summary

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.21.22)

Job ID: 880-20551-1
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	MCAWW	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

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

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Eurofins Midland

Sample Summary

Client: Carmona Resources
Project/Site: Myox State 31-0 CTB (07.21.22)

Job ID: 880-20551-1
SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-20551-1	CS-1 (5')	Solid	10/18/22 00:00	10/20/22 08:06
880-20551-2	CS-2 (4')	Solid	10/18/22 00:00	10/20/22 08:06
880-20551-3	CS-3 (4')	Solid	10/18/22 00:00	10/20/22 08:06
880-20551-4	CS-4 (1.5')	Solid	10/18/22 00:00	10/20/22 08:06
880-20551-5	CS-5 (1.5')	Solid	10/18/22 00:00	10/20/22 08:06
880-20551-6	CS-6 (1.5')	Solid	10/18/22 00:00	10/20/22 08:06
880-20551-7	SW-1 (5')	Solid	10/18/22 00:00	10/20/22 08:06
880-20551-8	SW-2 (5')	Solid	10/18/22 00:00	10/20/22 08:06
880-20551-9	SW-3 (1')	Solid	10/18/22 00:00	10/20/22 08:06
880-20551-10	SW-4 (5')	Solid	10/18/22 00:00	10/20/22 08:06
880-20551-11	SW-5 (4')	Solid	10/18/22 00:00	10/20/22 08:06
880-20551-12	SW-6 (4')	Solid	10/18/22 00:00	10/20/22 08:06
880-20551-13	SW-7 (4')	Solid	10/18/22 00:00	10/20/22 08:06
880-20551-14	SW-8 (4')	Solid	10/18/22 00:00	10/20/22 08:06
880-20551-15	SW-9 (1.5')	Solid	10/18/22 00:00	10/20/22 08:06
880-20551-16	SW-10 (1.5')	Solid	10/18/22 00:00	10/20/22 08:06
880-20551-17	SW-11 (1.5')	Solid	10/18/22 00:00	10/20/22 08:06
880-20551-18	SW-12 (4')	Solid	10/18/22 00:00	10/20/22 08:06
880-20551-19	SW-13 (4')	Solid	10/18/22 00:00	10/20/22 08:06
880-20551-20	SW-14 (4')	Solid	10/18/22 00:00	10/20/22 08:06

Work Order No: 20551

Page 1 of 2

Project Manager	Conner Moehring	Bill to (if different)	Jacqu 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 88256
Phone	(432) 813-6823	Email	jacqui.harris@conocophillips.com

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

Project Name	Mox State 31-0 CTB (07 31 22)	Turn Around		Pras. Code	ANALYSIS REQUEST												Preservative Codes		
		☐ Routine	☒ Rush														None NO	DI Water H ₂ O	
Project Number	1113																Cool Cool	MeOH Me	
Project Location	Eddy County New Mexico	Due Date															HCL HC	HNO ₃ HN	
Sampler's Name	MPM	24 Hours															H ₂ SO ₄ H ₂	NaOH Na	
PO #																	H ₃ PO ₄ HP		
SAMPLE RECEIPT	Temp Blank	Yes ☒ No ☐	Thermometer ID	Yes ☒ No ☐													NaHSO ₄ NABIS		
Received Inact.	Yes ☒ No ☐	Correction Factor	Yes ☒ No ☐	Temperature Reading													Na ₂ S ₂ O ₃ NaSO ₃		
Cooler Custody Seals	Yes ☒ No ☐	Temperature Reading	Yes ☒ No ☐	Corrected Temperature													Zn Acetate+NaOH Zn		
Sample Custody Seals	Yes ☒ No ☐	Temperature Reading	Yes ☒ No ☐	Corrected Temperature													NaOH+Ascorbic Acid SPC		
Total Containers																			
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments
CS-1 (5')	10/18/2022		X		C	1	X	X	X	X	X	X	X	X	X	X	1-402		
CS-2 (4')	10/18/2022		X		C	1	X	X	X	X	X	X	X	X	X	X			
CS-3 (4')	10/18/2022		X		C	1	X	X	X	X	X	X	X	X	X	X			
CS-4 (1 5')	10/18/2022		X		C	1	X	X	X	X	X	X	X	X	X	X			
CS-5 (1 5')	10/18/2022		X		C	1	X	X	X	X	X	X	X	X	X	X			
CS-6 (1 5')	10/18/2022		X		C	1	X	X	X	X	X	X	X	X	X	X			
SW-1 (5')	10/18/2022		X		C	1	X	X	X	X	X	X	X	X	X	X			
SW-2 (5')	10/18/2022		X		C	1	X	X	X	X	X	X	X	X	X	X			
SW-3 (1')	10/18/2022		X		C	1	X	X	X	X	X	X	X	X	X	X			
SW-4 (5')	10/18/2022		X		C	1	X	X	X	X	X	X	X	X	X	X			

Comments email results to mcarmona@carmonaresources.com and cmoehring@carmonaresources.com



880-20551 Chain of Custody

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
<i>Conner Moehring</i>	10/18/22	<i>Jacqu Harris</i>	10/24/22

Work Order No: 20551Page 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 88256
Phone	(432) 813-6823	Email	jacqui.harris@conocophillips.com

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

Project Name	Myox State 31-0 CTB (07 31 22)	Turn Around	☐ Routine ☒ Rush	Pres Code	ANALYSIS REQUEST												Preservative Codes			
Project Number	1113																None NO DI Water H ₂ O			
Project Location	Eddy County, New Mexico	Due Date															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	Obs 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	
SW-5 (4)	10/18/2022		X		C	1	X	X	X	X	X	X	X	X	X	X	X	1-402		
SW-6 (4)	10/18/2022		X		C	1	X	X	X	X	X	X	X	X	X	X	X			
SW-7 (4)	10/18/2022		X		C	1	X	X	X	X	X	X	X	X	X	X	X			
SW-8 (4)	10/18/2022		X		C	1	X	X	X	X	X	X	X	X	X	X	X			
SW-9 (1 5)	10/18/2022		X		C	1	X	X	X	X	X	X	X	X	X	X	X			
SW-10 (1 5)	10/18/2022		X		C	1	X	X	X	X	X	X	X	X	X	X	X			
SW-11 (1 5)	10/18/2022		X		C	1	X	X	X	X	X	X	X	X	X	X	X			
SW-12 (4)	10/18/2022		X		C	1	X	X	X	X	X	X	X	X	X	X	X			
SW-13 (4)	10/18/2022		X		C	1	X	X	X	X	X	X	X	X	X	X	X			
SW-14 (4)	10/18/2022		X		C	1	X	X	X	X	X	X	X	X	X	X	X			

Comments: email results to mcarmona@carmonaresources.com and cmoehring@carmonaresources.com

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
<i>Conner Moehring</i>	10/20/22	<i>BOG</i>	10/20/22

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-20551-1

SDG Number: Eddy County, New Mexico

Login Number: 20551

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

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

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 157844

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 157844
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	1/12/2023