

Incident ID	NAPP2306128457
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: Jacqueline Harimon Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: 03/06/2023

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

Closure Approved by: Robert Hamlet Date: _____

Printed Name: _____ Title: _____



SITE INFORMATION

Closure Report
Myox 32-3 (11.19.22)
Incident #NAPP2306128457
Eddy County, New Mexico
Unit D Sec 32 T25S R28E
32.092694°, -104.115742°

Produced Water Release
Point of Release: Leak from hammer union
Release Date: 11.19.22
Volume Released: 5.4 barrels of Produced Water
Volume Recovered: 0 barrels of Produced Water

CARMONA RESOURCES



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

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



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March 3, 2023

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

**Re: Closure Report
Myox 32-3 (11.19.22)
Concho Operating, LLC
Site Location: Unit D, S32, T25S, R28E
(Lat 32.092694°, Long -104.115742°)
Eddy County, New Mexico**

Mr. Bratcher:

On behalf of Concho Operating, LLC (COG), Carmona Resources, LLC has prepared this letter to document site assessment activities for the Myox 32-3 (11.19.22). The site is located at 32.092694°, -104.115742° within Unit D, S32, T25S, R28E, and 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 November 19, 2022, due to a leak from a hammer union. It released approximately five-point-four (5.4) barrels of produced water, and zero (0) barrels were recovered. The impacted area occurred on the pad, shown in Figure 3. The initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a high karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water sources are within a 0.50-mile radius of the location. The nearest identified well is approximately 0.70 miles Northeast of the site in S29, T25S, R28E and was drilled in 2003. The well has a reported depth to groundwater of 20.33' 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

On December 7, 2022, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. To assess the vertical and horizontal extent, four (4) sample points (S-1 through S-4) and five (5) horizontal points (H-1 through H-5) were advanced to depths ranging from the surface to 1' bgs inside the release area. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and



xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

See Table 1 for the analytical results.

5.0 Remediation Activities

Carmona Resources personnel were onsite to supervise the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via email on February 6, 2023, per Subsection D of 19.15.29.12 NMAC. See Appendix C. A total of fourteen (14) floor confirmation samples were collected (CS-1 through CS-14), and eight (8) sidewall samples (SW-1 through SW-8) 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.

The confirmation sample point of CS-8 had an elevated chloride value of 757 mg/kg. The area was excavated, and the sample was recollected. 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 165 cubic yards of material were excavated and transported offsite for proper disposal.

6.0 Conclusions

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

Sincerely,

Carmona Resources, LLC

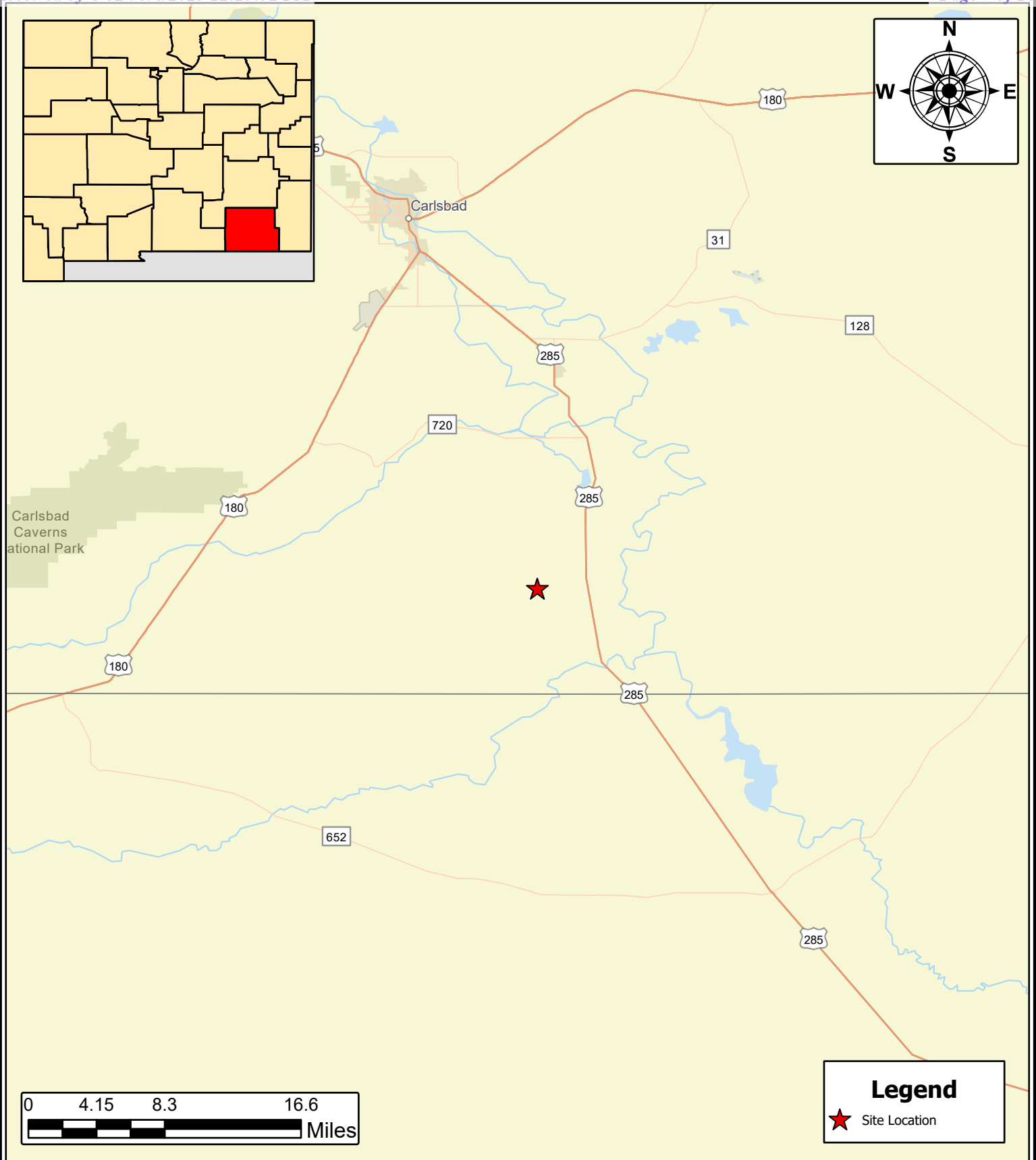
Mike Carmona
Environmental Manager

Conner Moehring
Sr. Project Manager

FIGURES

CARMONA RESOURCES



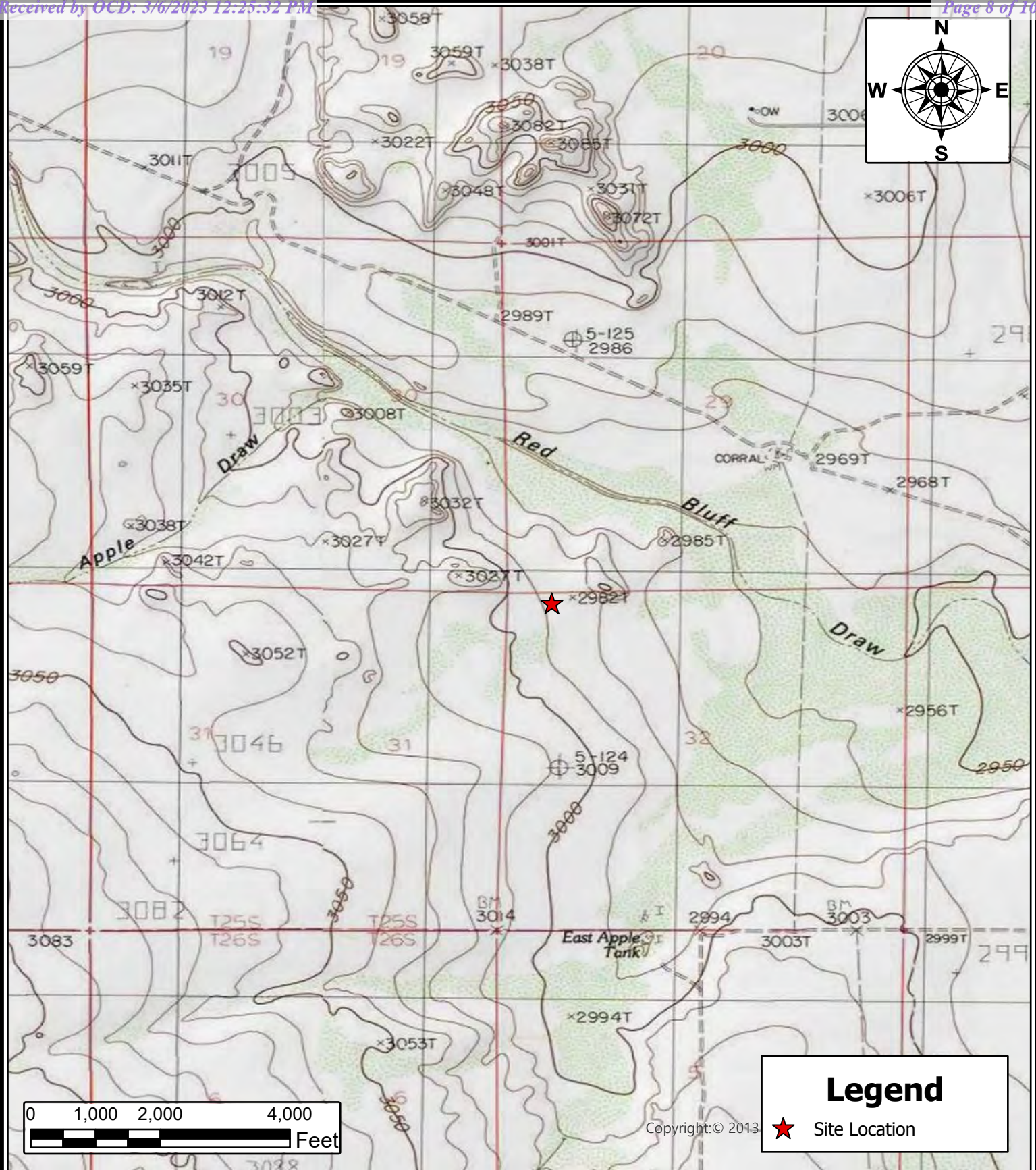


OVERVIEW MAP COG MYOX 32-3 (11.19.22) EDDY COUNTY, NEW MEXICO 32.092694, -104.115742	
SCALE: As Shown	Date: 1/31/2023

 Carmona Resources 310 West Wall Street, Suite 500 Midland, Texas 79701

NOTES: 1. Base Image: ESRI Maps & Data 2023 2. Map Projection: WGS84
--

DRAWING NUMBER: FIGURE 1
SHEET NUMBER: 1 of 1



Legend

★ Site Location

TOPOGRAPHIC MAP COG

MYOX 32-3 (11.19.22)
EDDY COUNTY, NEW MEXICO
32.092694, -104.115742

SCALE: As Shown

Date: 1/31/2023



Carmona Resources
310 West Wall Street, Suite 500
Midland, Texas 79701

NOTES:

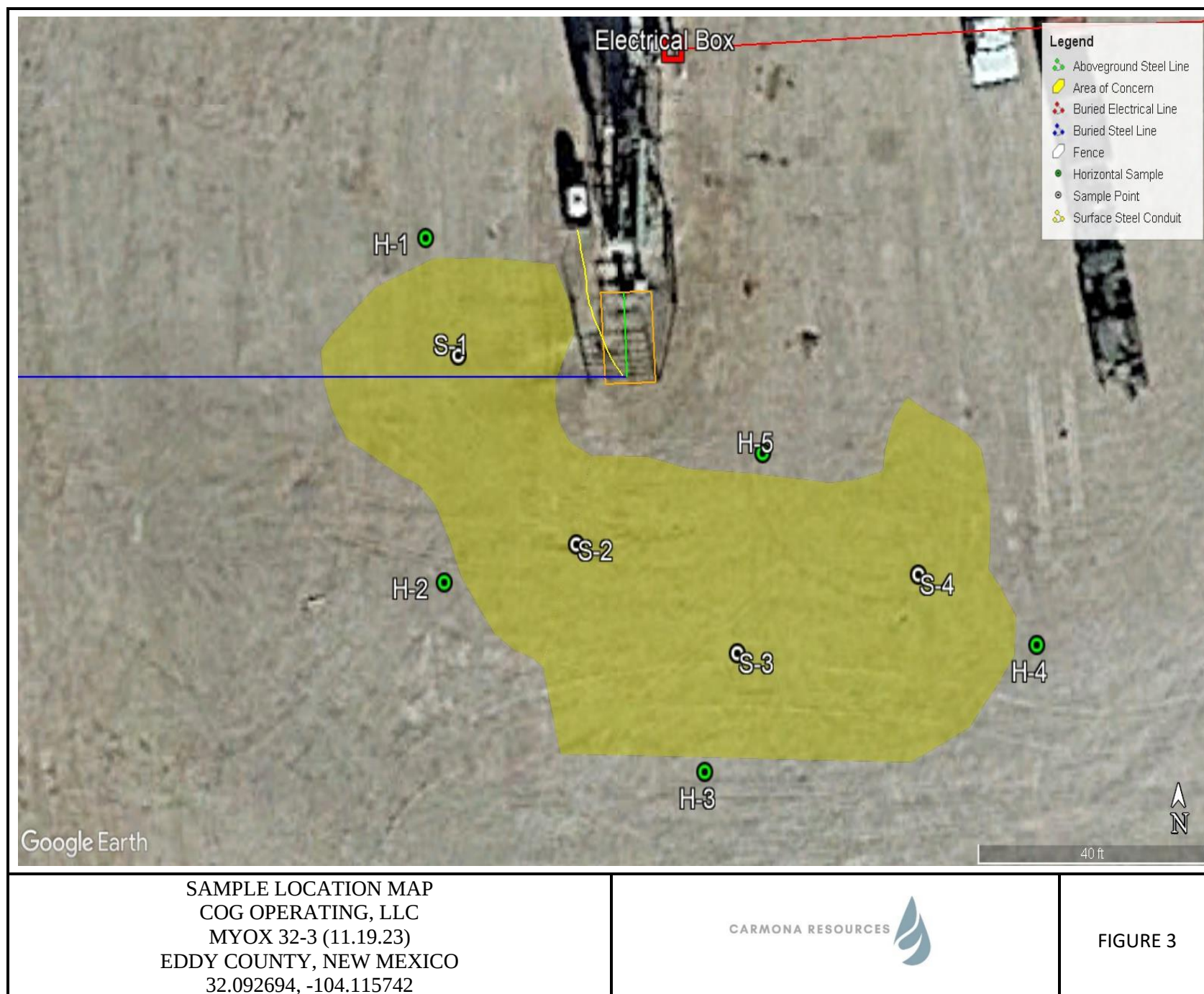
1. Base Image: ESRI Maps & Data 2023
2. Map Projection: WGS84

DRAWING NUMBER:

FIGURE 2

SHEET NUMBER:

1 of 1





EXCAVATION DEPTH MAP
COG OPERATING, LLC
MYOX 32-3 (11.19.23)
EDDY COUNTY, NEW MEXICO
32.092694, -104.115742



FIGURE 4

APPENDIX A

CARMONA RESOURCES



Table 1
COG
Myox 32-3 (11.19.22)
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						
S-1	12/7/2022	0-1	1,380	253	689	1,380	0.0531	0.973	19.7	141	162	2,680
S-2	12/7/2022	0-0.5	1,210	294	682	1,210	<0.0401	0.974	11.3	102	114	3,480
S-3	12/7/2022	0-0.5	121	<49.9	161	282	<0.0398	0.161	0.389	3.47	4.02	11,300
S-4	12/7/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	0.0176	0.0176	15,000
H-1	12/7/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	287
H-2	12/7/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	413
H-3	12/7/2022	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	863
	2/8/2023	0-0.5	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	78.7
H-4	12/7/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	905
	2/8/2023	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<4.98
H-5	12/7/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	197
Regulatory Criteria^A							100 mg/kg	10 mg/kg	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(S) Sample Point

(H) Horizontal

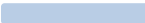
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Table 2
COG
Myox 32-3 (11.19.23)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	2/8/2023	2.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<4.98
CS-2	2/8/2023	2.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	378
CS-3	2/8/2023	2.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5.29
CS-4	2/8/2023	2.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<4.99
CS-5	2/8/2023	2.0	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<4.95
CS-6	2/8/2023	2.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<5.00
CS-7	2/8/2023	2.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	9.80
CS-8	2/8/2023	2.0	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	757
	2/16/2023	2.25	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-9	2/8/2023	1.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	14.5
CS-10	2/8/2023	1.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<4.95
CS-11	2/8/2023	1.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.01
CS-12	2/8/2023	1.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5.11
CS-13	2/8/2023	1.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<5.00
CS-14	2/8/2023	1.0	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5.63
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

 Removed

Table 2
COG
Myox 32-3 (11.19.23)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-1	2/8/2023	2.0	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	13.2
SW-2	2/8/2023	2.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	5.75
SW-3	2/8/2023	2.0	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	9.14
SW-4	2/8/2023	2.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.04
SW-5	2/8/2023	1.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<4.99
SW-6	2/8/2023	1.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<4.96
SW-7	2/8/2023	1.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	276
SW-8	2/8/2023	1.0	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	419
Regulatory Criteria ^						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft - feet

(SW) - Sidewall

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Concho Operating, LLC

Photograph No. 1

Facility: Myox 32-2 (11.19.22)

County: Eddy County, New Mexico

Description:

View Southeast, area of CS-1 through CS-8.



Photograph No. 2

Facility: Myox 32-2 (11.19.22)

County: Eddy County, New Mexico

Description:

View Southeast, area of CS-1 through CS-8.



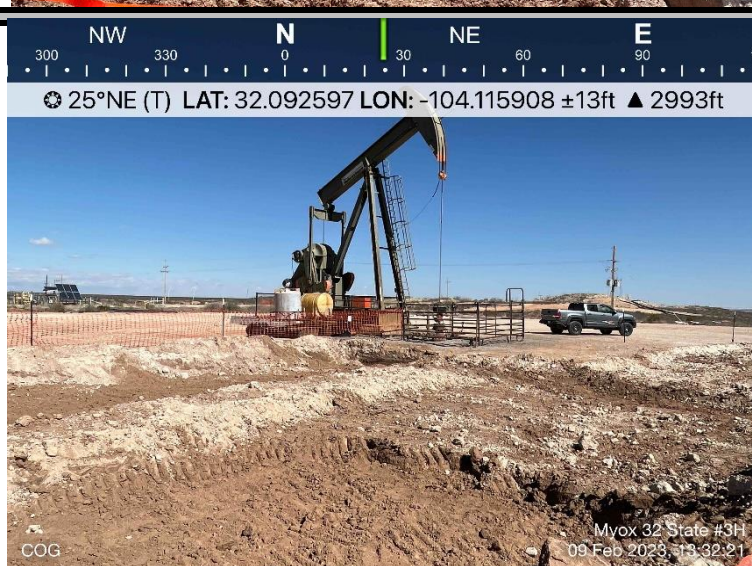
Photograph No. 3

Facility: Myox 32-2 (11.19.22)

County: Eddy County, New Mexico

Description:

View North, area of CS-1 through CS-8.



PHOTOGRAPHIC LOG

Concho Operating, LLC

Photograph No. 4

Facility: Myox 32-2 (11.19.22)

County: Eddy County, New Mexico

Description:

View Southwest, area of CS-9 through CS-14.



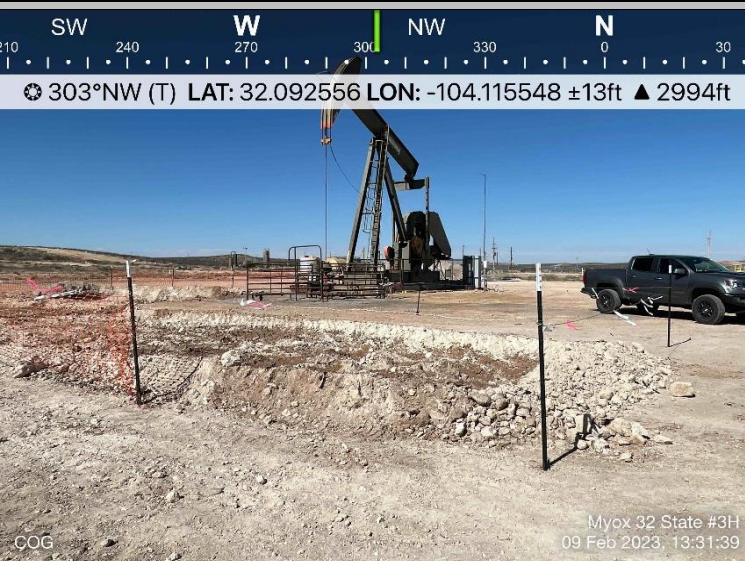
Photograph No. 5

Facility: Myox 32-2 (11.19.22)

County: Eddy County, New Mexico

Description:

View Northwest, area of CS-9 through CS-14.



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)

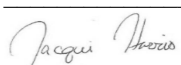
Cause of Release

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:  _____	Date: _____
email: _____	Telephone: _____
<u>OCD Only</u>	
Received by: _____	Date: _____

Incident ID	NAPP2306128457
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.

Incident ID	NAPP2306128457
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: Jocelyn Harimon Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: 03/06/2023

Incident ID	NAPP2306128457
District RP	
Facility ID	
Application ID	

Closure

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

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

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

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

Printed Name: _____ Title: _____

Signature: Jacques Harimon Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: 03/06/2023

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

From: Mike Carmona
Sent: Monday, February 6, 2023 9:54 AM
To: NMOCD Spill Notifications (OCD.Enviro@emnrd.nm.gov)
Cc: Conner Moehring; Miranda Milwee
Subject: COG - Myox 32-3 (11.19.22) Sampling Notification

Good Morning,

On behalf of COG, Carmona Resources will collect confirmation samples for the below-referenced site on 02/08/23 around 9:30 Mountain Time. Please let me know if you have any questions.

COG - Myox 32-3 (11.19.22)
Sec 32 T25S R28E Unit D
32.092694, -104.115742
Eddy County, New Mexico

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

APPENDIX D

CARMONA RESOURCES



Nearest water well

COG Operating

Legend

- 0.50 Mile Radius
- 0.70 Miles
- 0.80 Miles
- 0.95 Miles
- 1.28 Miles
- Myox 32-3 (11.19.22)
- NMSEO Water Well
- USGS Water Well



4000 ft

High Karst

COG Operating

Legend

- High
- Medium
- Myox 32-3 (11.19.22)

Myox 32-3 (11.19.22)



1 mi



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 03836 POD1	C	ED		2	2	4	29	25S	28E	584682	3551934	1523	300	30	270
C 02478	CUB	ED		2	1	05	26S	28E	583848	3549325*	1774	100			
C 01278	C	ED		4	3	28	25S	28E	585470	3551338*	2049	205	90	115	
C 01573 POD1	C	ED		3	1	4	20	25S	28E	584144	3553361	2414	176	96	80
C 03938 POD1	CUB	ED		2	2	2	25	25S	27E	581482	3552616	2506	21	12	9
C 02477	CUB	ED		1	1	03	26S	28E	586687	3549347*	3667	150			
C 03861 POD1	C	ED		4	2	3	18	25S	28E	582266	3554864	3988	91	63	28

Average Depth to Water: **58 feet**

Minimum Depth: **12 feet**

Maximum Depth: **96 feet**

Record Count: 7

UTMNAD83 Radius Search (in meters):

Easting (X): 583440.23

Northing (Y): 3551052.26

Radius: 4000

*UTM location was derived from PLSS - see Help

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12/12/22 1:00 PM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER

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
				Groundwater	New Mexico	GO	

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- See the [Water Data for the Nation Blog](#) for the latest news and updates.

Groundwater levels for New Mexico

Click to hide state-specific text

1 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 of measurement
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	
2003-01-28		D	62610		2948.57	NGVD29	1		S	USGS

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? S
2003-01-28	D	62611	2950.16	NAVD88	1	S	USGS
2003-01-28	D	72019	20.33		1	S	USGS

Explanation

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

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Page Last Modified: 2022-12-12 15:05:54 EST

0.33 0.28 nadww01



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National Water Information System: Web Interface

USGS Water Resources

Data Category:
Groundwater

Geographic Area:
New Mexico

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Groundwater levels for New Mexico

Click to hide state-specific text

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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 of measurement
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
Method of measurement	Z	Other.

Section	Code	Description
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: 2022-12-12 15:07:16 EST
0.27 0.24 nadww02



New Mexico Office of the State Engineer

Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE)				(quarters are smallest to largest)		(NAD83 UTM in meters)	
		Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	C 03836 POD1	2	2	4	29	25S	28E	584682	3551934
Driller License: 1654									
Driller Company: NOT WORKING FOR HIRE--SIRMAN DRILLING AND CONSTRUC									
Driller Name:									
Drill Start Date: 04/06/2015		Drill Finish Date: 04/08/2015				Plug Date:			
Log File Date: 04/16/2015		PCW Rev Date:				Source: Shallow			
Pump Type: SUBMER		Pipe Discharge Size:				Estimated Yield: 35 GPM			
Casing Size: 7.00		Depth Well: 300 feet				Depth Water: 30 feet			

Water Bearing Stratifications:		Top	Bottom	Description
		15	45	Sandstone/Gravel/Conglomerate
		180	210	Sandstone/Gravel/Conglomerate
		245	255	Sandstone/Gravel/Conglomerate
Casing Perforations:		Top	Bottom	
		80	100	
		180	200	
		240	260	
		280	300	

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12/12/22 1:02 PM

POINT OF DIVERSION SUMMARY



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	01278		4	3	28	25S	28E	585470	3551338*			
Driller License:		46		Driller Company:			ABBOTT BROTHERS COMPANY					
Driller Name:		ABBOTT, MUNELL										
Drill Start Date:		04/04/1965		Drill Finish Date:			04/08/1965		Plug Date:			
Log File Date:		05/27/1965		PCW Rev Date:			Source:					
Pump Type:					Pipe Discharge Size:			Estimated Yield:				
Casing Size:					Depth Well:			205 feet		Depth Water: 90 feet		
		Water Bearing Stratifications:			Top	Bottom	Description					
					105	110	Sandstone/Gravel/Conglomerate					

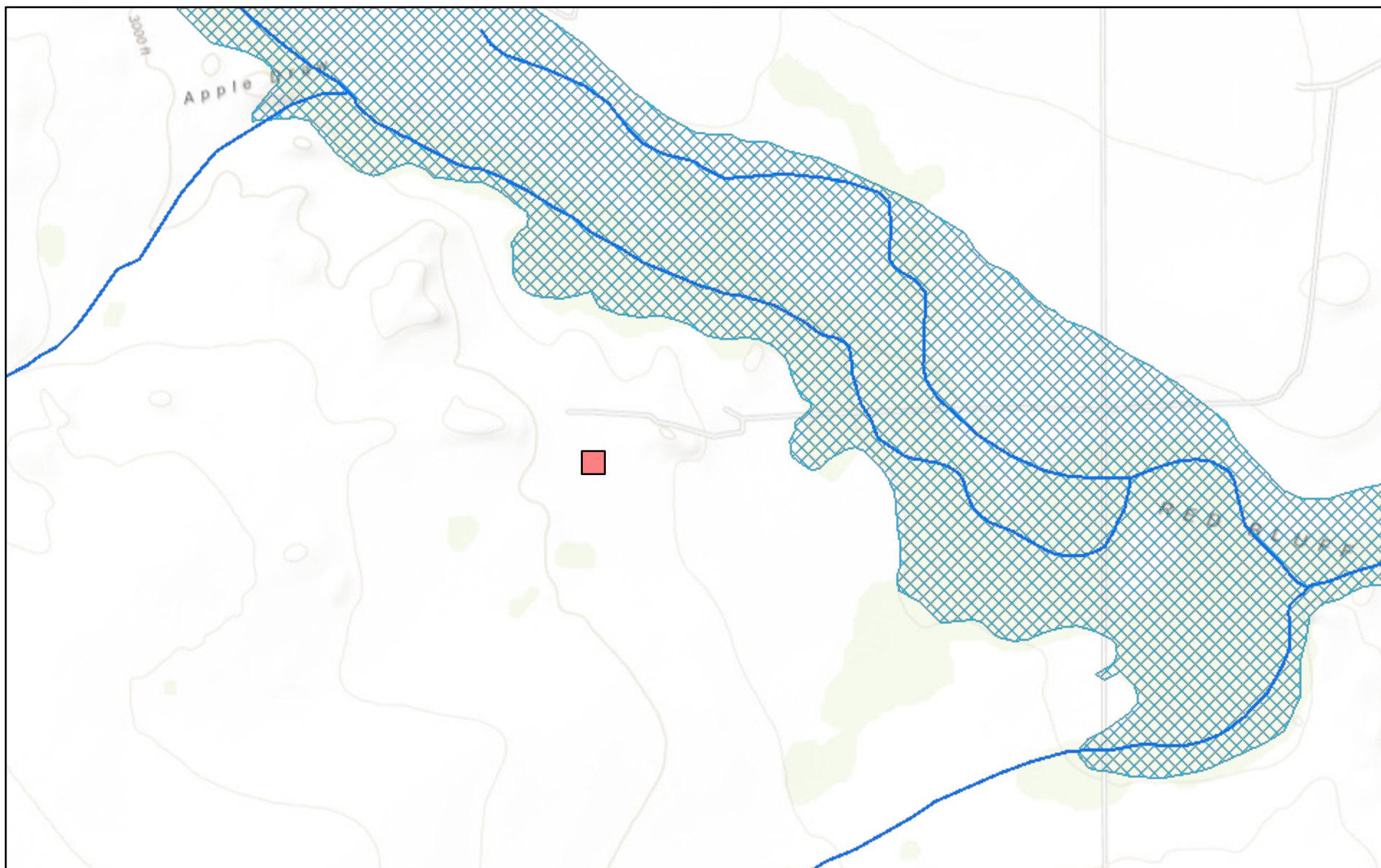
*UTM location was derived from PLSS - see Help

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

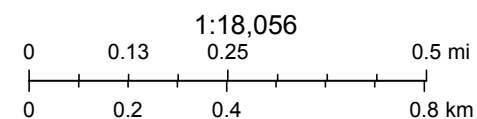
12/12/22 1:03 PM

POINT OF DIVERSION SUMMARY

New Mexico NFHL Data



December 12, 2022



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

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APPENDIX E

CARMONA RESOURCES





Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/14/2022 10:22:57 AM

JOB DESCRIPTION

Myox 32-3 (11.19.22)
SDG NUMBER Eddy County, New Mexico

JOB NUMBER

880-22523-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
12/14/2022 10:22:57 AM

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

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Laboratory Job ID: 880-22523-1
SDG: Eddy County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-22523-1
SDG: Eddy County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
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

Case Narrative

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-22523-1
SDG: Eddy County, New Mexico

Job ID: 880-22523-1**Laboratory: Eurofins Midland****Narrative****Job Narrative
880-22523-1****Receipt**

The samples were received on 12/9/2022 9:30 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 2.6°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: S-1 (0-1') (880-22523-1), S-2 (0-6") (880-22523-2), S-3 (0-6") (880-22523-3) and S-4 (0-6") (880-22523-4).

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: (880-22523-A-4-D MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: S-1 (0-1') (880-22523-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: S-2 (0-6") (880-22523-2) and S-3 (0-6") (880-22523-3). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: S-3 (0-6") (880-22523-3). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

GC Semi VOA

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-41434 and analytical batch 880-41519 was outside the upper control limits.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-41445 and analytical batch 880-41519 was outside the upper control limits.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-41445 and analytical batch 880-41519 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

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 32-3 (11.19.22)

Job ID: 880-22523-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-22523-1

Date Collected: 12/07/22 00:00

Matrix: Solid

Date Received: 12/09/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0531		0.0401		mg/Kg		12/09/22 14:34	12/12/22 15:46	20
Toluene	0.973		0.0401		mg/Kg		12/09/22 14:34	12/12/22 15:46	20
Ethylbenzene	19.7		1.01		mg/Kg		12/12/22 16:20	12/13/22 15:35	500
m-Xylene & p-Xylene	98.2		2.01		mg/Kg		12/12/22 16:20	12/13/22 15:35	500
o-Xylene	42.6		1.01		mg/Kg		12/12/22 16:20	12/13/22 15:35	500
Xylenes, Total	141		2.01		mg/Kg		12/12/22 16:20	12/13/22 15:35	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	12/09/22 14:34	12/12/22 15:46	20
1,4-Difluorobenzene (Surr)	61	S1-	70 - 130	12/09/22 14:34	12/12/22 15:46	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	162		2.01		mg/Kg			12/12/22 16:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2320		50.0		mg/Kg			12/12/22 10:36	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	253		50.0		mg/Kg		12/09/22 11:02	12/11/22 19:17	1
Diesel Range Organics (Over C10-C28)	1380		50.0		mg/Kg		12/09/22 11:02	12/11/22 19:17	1
Oil Range Organics (Over C28-C36)	689		50.0		mg/Kg		12/09/22 11:02	12/11/22 19:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	12/09/22 11:02	12/11/22 19:17	1
o-Terphenyl	99		70 - 130	12/09/22 11:02	12/11/22 19:17	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2680		100		mg/Kg			12/12/22 01:08	20

Client Sample ID: S-2 (0-6")

Lab Sample ID: 880-22523-2

Date Collected: 12/07/22 00:00

Matrix: Solid

Date Received: 12/09/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0401	U	0.0401		mg/Kg		12/09/22 14:34	12/12/22 16:06	20
Toluene	0.974		0.0401		mg/Kg		12/09/22 14:34	12/12/22 16:06	20
Ethylbenzene	11.3		0.401		mg/Kg		12/12/22 16:20	12/13/22 15:56	200
m-Xylene & p-Xylene	70.1		0.802		mg/Kg		12/12/22 16:20	12/13/22 15:56	200
o-Xylene	31.9		0.401		mg/Kg		12/12/22 16:20	12/13/22 15:56	200
Xylenes, Total	102		0.802		mg/Kg		12/12/22 16:20	12/13/22 15:56	200

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130	12/09/22 14:34	12/12/22 16:06	20
1,4-Difluorobenzene (Surr)	49	S1-	70 - 130	12/09/22 14:34	12/12/22 16:06	20

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-22523-1
SDG: Eddy County, New Mexico

Client Sample ID: S-2 (0-6")

Lab Sample ID: 880-22523-2

Date Collected: 12/07/22 00:00

Matrix: Solid

Date Received: 12/09/22 09:30

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	114		0.802		mg/Kg			12/13/22 11:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2190		49.9		mg/Kg			12/12/22 10:36	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	294		49.9		mg/Kg		12/09/22 11:02	12/11/22 19:39	1
Diesel Range Organics (Over C10-C28)	1210		49.9		mg/Kg		12/09/22 11:02	12/11/22 19:39	1
Oil Range Organics (Over C28-C36)	682		49.9		mg/Kg		12/09/22 11:02	12/11/22 19:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				12/09/22 11:02	12/11/22 19:39	1
o-Terphenyl	100		70 - 130				12/09/22 11:02	12/11/22 19:39	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3480		50.4		mg/Kg			12/13/22 09:30	10

Client Sample ID: S-3 (0-6")

Lab Sample ID: 880-22523-3

Date Collected: 12/07/22 00:00

Matrix: Solid

Date Received: 12/09/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0398	U	0.0398		mg/Kg		12/09/22 14:34	12/12/22 16:27	20
Toluene	0.161		0.0398		mg/Kg		12/09/22 14:34	12/12/22 16:27	20
Ethylbenzene	0.389		0.0398		mg/Kg		12/09/22 14:34	12/12/22 16:27	20
m-Xylene & p-Xylene	2.56		0.0797		mg/Kg		12/09/22 14:34	12/12/22 16:27	20
o-Xylene	0.908		0.0398		mg/Kg		12/09/22 14:34	12/12/22 16:27	20
Xylenes, Total	3.47		0.0797		mg/Kg		12/09/22 14:34	12/12/22 16:27	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				12/09/22 14:34	12/12/22 16:27	20
1,4-Difluorobenzene (Surr)	48	S1-	70 - 130				12/09/22 14:34	12/12/22 16:27	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	4.02		0.0797		mg/Kg			12/13/22 11:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	282		49.9		mg/Kg			12/12/22 10:36	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		12/09/22 11:02	12/11/22 20:00	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-22523-1
SDG: Eddy County, New Mexico

Client Sample ID: S-3 (0-6")

Lab Sample ID: 880-22523-3

Date Collected: 12/07/22 00:00

Matrix: Solid

Date Received: 12/09/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	121		49.9		mg/Kg		12/09/22 11:02	12/11/22 20:00	1
Oil Range Organics (Over C28-C36)	161		49.9		mg/Kg		12/09/22 11:02	12/11/22 20:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				12/09/22 11:02	12/11/22 20:00	1
o-Terphenyl	115		70 - 130				12/09/22 11:02	12/11/22 20:00	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11300		101		mg/Kg			12/13/22 09:37	20

Client Sample ID: S-4 (0-6")

Lab Sample ID: 880-22523-4

Date Collected: 12/07/22 00:00

Matrix: Solid

Date Received: 12/09/22 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/09/22 14:34	12/12/22 13:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/09/22 14:34	12/12/22 13:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/09/22 14:34	12/12/22 13:23	1
m-Xylene & p-Xylene	0.0109		0.00399		mg/Kg		12/09/22 14:34	12/12/22 13:23	1
o-Xylene	0.00670		0.00200		mg/Kg		12/09/22 14:34	12/12/22 13:23	1
Xylenes, Total	0.0176		0.00399		mg/Kg		12/09/22 14:34	12/12/22 13:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				12/09/22 14:34	12/12/22 13:23	1
1,4-Difluorobenzene (Surr)	97		70 - 130				12/09/22 14:34	12/12/22 13:23	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0176		0.00399		mg/Kg			12/12/22 16:13	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			12/12/22 10:36	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		12/09/22 11:06	12/11/22 23:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/09/22 11:06	12/11/22 23:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/09/22 11:06	12/11/22 23:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				12/09/22 11:06	12/11/22 23:53	1
o-Terphenyl	116		70 - 130				12/09/22 11:06	12/11/22 23:53	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15000		101		mg/Kg			12/13/22 09:44	20

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Surrogate Summary

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-22523-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	BFB1	DFBZ1				
		(70-130)	(70-130)				
820-6644-A-1-G MS	Matrix Spike	123	104				
820-6644-A-1-H MSD	Matrix Spike Duplicate	119	112				
880-22523-1	S-1 (0-1')	113	61 S1-				
880-22523-2	S-2 (0-6")	127	49 S1-				
880-22523-3	S-3 (0-6")	99	48 S1-				
880-22523-4	S-4 (0-6")	101	97				
880-22523-4 MS	S-4 (0-6")	139 S1+	100				
880-22523-4 MSD	S-4 (0-6")	91	92				
LCS 880-41398/1-A	Lab Control Sample	99	112				
LCS 880-41490/1-A	Lab Control Sample	102	107				
LCSD 880-41398/2-A	Lab Control Sample Dup	108	114				
LCSD 880-41490/2-A	Lab Control Sample Dup	116	94				
MB 880-41398/5-A	Method Blank	90	101				
MB 880-41490/5-A	Method Blank	74	99				
Surrogate Legend							
BFB = 4-Bromofluorobenzene (Surr)							
DFBZ = 1,4-Difluorobenzene (Surr)							

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	1CO1	OTPH1						
		(70-130)	(70-130)						
880-22521-A-1-E MS	Matrix Spike	109	106						
880-22521-A-1-F MSD	Matrix Spike Duplicate	97	93						
880-22523-1	S-1 (0-1')	101	99						
880-22523-2	S-2 (0-6")	103	100						
880-22523-3	S-3 (0-6")	106	115						
880-22523-4	S-4 (0-6")	106	116						
880-22524-A-1-C MS	Matrix Spike	91	87						
880-22524-A-1-D MSD	Matrix Spike Duplicate	84	81						
LCS 880-41434/2-A	Lab Control Sample	90	95						
LCS 880-41445/2-A	Lab Control Sample	91	96						
LCSD 880-41434/3-A	Lab Control Sample Dup	83	90						
LCSD 880-41445/3-A	Lab Control Sample Dup	86	89						
MB 880-41434/1-A	Method Blank	114	172 S1+						
MB 880-41445/1-A	Method Blank	126	189 S1+						
Surrogate Legend									
1CO = 1-Chlorooctane									
OTPH = o-Terphenyl									

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-22523-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-41398/5-A

Matrix: Solid

Analysis Batch: 41704

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 41398

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/12/22 16:20	12/13/22 12:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/12/22 16:20	12/13/22 12:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/12/22 16:20	12/13/22 12:05	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/12/22 16:20	12/13/22 12:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/12/22 16:20	12/13/22 12:05	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/12/22 16:20	12/13/22 12:05	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	12/12/22 16:20	12/13/22 12:05	1
1,4-Difluorobenzene (Surr)	101		70 - 130	12/12/22 16:20	12/13/22 12:05	1

Lab Sample ID: LCS 880-41398/1-A

Matrix: Solid

Analysis Batch: 41704

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41398

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1093		mg/Kg		109	70 - 130
Toluene	0.100	0.09743		mg/Kg		97	70 - 130
Ethylbenzene	0.100	0.09490		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	0.200	0.1985		mg/Kg		99	70 - 130
o-Xylene	0.100	0.09688		mg/Kg		97	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	112		70 - 130

Lab Sample ID: LCSD 880-41398/2-A

Matrix: Solid

Analysis Batch: 41704

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 41398

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1242		mg/Kg		124	70 - 130	13	35
Toluene	0.100	0.1070		mg/Kg		107	70 - 130	9	35
Ethylbenzene	0.100	0.1123		mg/Kg		112	70 - 130	17	35
m-Xylene & p-Xylene	0.200	0.2297		mg/Kg		115	70 - 130	15	35
o-Xylene	0.100	0.1124		mg/Kg		112	70 - 130	15	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	114		70 - 130

Lab Sample ID: 820-6644-A-1-G MS

Matrix: Solid

Analysis Batch: 41704

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 41398

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U F1	0.100	0.06100	F1	mg/Kg		61	70 - 130
Toluene	<0.00202	U F1	0.100	0.06701	F1	mg/Kg		67	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-22523-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 820-6644-A-1-G MS

Matrix: Solid

Analysis Batch: 41704

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 41398

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00202	U	0.100	0.08550		mg/Kg		85	70 - 130
m-Xylene & p-Xylene	<0.00403	U	0.201	0.1713		mg/Kg		85	70 - 130
o-Xylene	<0.00202	U	0.100	0.08518		mg/Kg		85	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	123		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 820-6644-A-1-H MSD

Matrix: Solid

Analysis Batch: 41704

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 41398

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U F1	0.0990	0.07436		mg/Kg		75	70 - 130	20	35
Toluene	<0.00202	U F1	0.0990	0.07468		mg/Kg		75	70 - 130	11	35
Ethylbenzene	<0.00202	U	0.0990	0.08410		mg/Kg		85	70 - 130	2	35
m-Xylene & p-Xylene	<0.00403	U	0.198	0.1755		mg/Kg		89	70 - 130	2	35
o-Xylene	<0.00202	U	0.0990	0.08894		mg/Kg		90	70 - 130	4	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	119		70 - 130
1,4-Difluorobenzene (Surr)	112		70 - 130

Lab Sample ID: MB 880-41490/5-A

Matrix: Solid

Analysis Batch: 41566

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 41490

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/09/22 14:34	12/12/22 12:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/09/22 14:34	12/12/22 12:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/09/22 14:34	12/12/22 12:54	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/09/22 14:34	12/12/22 12:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/09/22 14:34	12/12/22 12:54	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/09/22 14:34	12/12/22 12:54	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	74		70 - 130	12/09/22 14:34	12/12/22 12:54	1
1,4-Difluorobenzene (Surr)	99		70 - 130	12/09/22 14:34	12/12/22 12:54	1

Lab Sample ID: LCS 880-41490/1-A

Matrix: Solid

Analysis Batch: 41566

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41490

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1116		mg/Kg		112	70 - 130
Toluene	0.100	0.09010		mg/Kg		90	70 - 130
Ethylbenzene	0.100	0.09123		mg/Kg		91	70 - 130
m-Xylene & p-Xylene	0.200	0.1896		mg/Kg		95	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-22523-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-41490/1-A

Matrix: Solid

Analysis Batch: 41566

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41490

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.09133		mg/Kg		91	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: LCSD 880-41490/2-A

Matrix: Solid

Analysis Batch: 41566

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 41490

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.09186		mg/Kg		92	70 - 130	19	35
Toluene	0.100	0.08633		mg/Kg		86	70 - 130	4	35
Ethylbenzene	0.100	0.09686		mg/Kg		97	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.2153		mg/Kg		108	70 - 130	13	35
o-Xylene	0.100	0.1034		mg/Kg		103	70 - 130	12	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: 880-22523-4 MS

Matrix: Solid

Analysis Batch: 41566

Client Sample ID: S-4 (0-6")

Prep Type: Total/NA

Prep Batch: 41490

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.101	0.09097		mg/Kg		90	70 - 130
Toluene	<0.00200	U	0.101	0.08690		mg/Kg		85	70 - 130
Ethylbenzene	<0.00200	U	0.101	0.09694		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.0109		0.202	0.2181		mg/Kg		103	70 - 130
o-Xylene	0.00670		0.101	0.1080		mg/Kg		100	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-22523-4 MSD

Matrix: Solid

Analysis Batch: 41566

Client Sample ID: S-4 (0-6")

Prep Type: Total/NA

Prep Batch: 41490

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00200	U	0.0990	0.07915		mg/Kg		80	70 - 130	14	35
Toluene	<0.00200	U	0.0990	0.07607		mg/Kg		76	70 - 130	13	35
Ethylbenzene	<0.00200	U	0.0990	0.08111		mg/Kg		80	70 - 130	18	35
m-Xylene & p-Xylene	0.0109		0.198	0.1721		mg/Kg		81	70 - 130	24	35
o-Xylene	0.00670		0.0990	0.08155		mg/Kg		76	70 - 130	28	35

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-22523-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-22523-4 MSD

Matrix: Solid

Analysis Batch: 41566

Client Sample ID: S-4 (0-6")

Prep Type: Total/NA

Prep Batch: 41490

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

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

Lab Sample ID: MB 880-41434/1-A

Matrix: Solid

Analysis Batch: 41519

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 41434

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/09/22 11:02	12/11/22 09:39	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/09/22 11:02	12/11/22 09:39	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/09/22 11:02	12/11/22 09:39	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
1-Chlorooctane	114		70 - 130				12/09/22 11:02	12/11/22 09:39	1	
o-Terphenyl	172	S1+	70 - 130				12/09/22 11:02	12/11/22 09:39	1	

Lab Sample ID: LCS 880-41434/2-A

Matrix: Solid

Analysis Batch: 41519

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41434

			Spike	LCS	LCS				%Rec	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10			1000	804.9		mg/Kg		80	70 - 130	
Diesel Range Organics (Over C10-C28)			1000	849.5		mg/Kg		85	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	90		70 - 130							
o-Terphenyl	95		70 - 130							

Lab Sample ID: LCSD 880-41434/3-A

Matrix: Solid

Analysis Batch: 41519

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 41434

			Spike	LCSD	LCSD				%Rec		RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10			1000	800.2		mg/Kg		80	70 - 130	1	20	
Diesel Range Organics (Over C10-C28)			1000	835.7		mg/Kg		84	70 - 130	2	20	
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	83		70 - 130									
o-Terphenyl	90		70 - 130									

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-22523-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-22521-A-1-E MS

Matrix: Solid

Analysis Batch: 41519

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 41434

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	951.4		mg/Kg		95	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	999	859.2		mg/Kg		86	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	109		70 - 130						
o-Terphenyl	106		70 - 130						

Lab Sample ID: 880-22521-A-1-F MSD

Matrix: Solid

Analysis Batch: 41519

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 41434

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	799.0		mg/Kg		80	70 - 130	17	20
Diesel Range Organics (Over C10-C28)	<50.0	U	997	766.3		mg/Kg		77	70 - 130	11	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	97		70 - 130								
o-Terphenyl	93		70 - 130								

Lab Sample ID: MB 880-41445/1-A

Matrix: Solid

Analysis Batch: 41519

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 41445

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		12/09/22 11:06	12/11/22 20:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/09/22 11:06	12/11/22 20:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/09/22 11:06	12/11/22 20:42	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130				12/09/22 11:06	12/11/22 20:42	1
o-Terphenyl	189	S1+	70 - 130				12/09/22 11:06	12/11/22 20:42	1

Lab Sample ID: LCS 880-41445/2-A

Matrix: Solid

Analysis Batch: 41519

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41445

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1042		mg/Kg		104	70 - 130
Diesel Range Organics (Over C10-C28)	1000	991.9		mg/Kg		99	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-22523-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-41445/2-A

Matrix: Solid

Analysis Batch: 41519

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41445

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	91		70 - 130
o-Terphenyl	96		70 - 130

Lab Sample ID: LCSD 880-41445/3-A

Matrix: Solid

Analysis Batch: 41519

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 41445

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	894.4		mg/Kg		89	70 - 130	15	20
Diesel Range Organics (Over C10-C28)	1000	905.6		mg/Kg		91	70 - 130	9	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	86		70 - 130
o-Terphenyl	89		70 - 130

Lab Sample ID: 880-22524-A-1-C MS

Matrix: Solid

Analysis Batch: 41519

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 41445

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1 F2	999	1403	F1	mg/Kg		137	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	999	741.0		mg/Kg		73	70 - 130

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

Lab Sample ID: 880-22524-A-1-D MSD

Matrix: Solid

Analysis Batch: 41519

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 41445

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1 F2	997	858.8	F2	mg/Kg		82	70 - 130	48	20
Diesel Range Organics (Over C10-C28)	<50.0	U	997	717.4		mg/Kg		70	70 - 130	3	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	84		70 - 130
o-Terphenyl	81		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-22523-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-41428/1-A

Matrix: Solid

Analysis Batch: 41537

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			12/12/22 00:51	1

Lab Sample ID: LCS 880-41428/2-A

Matrix: Solid

Analysis Batch: 41537

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	262.0		mg/Kg		105	90 - 110

Lab Sample ID: LCSD 880-41428/3-A

Matrix: Solid

Analysis Batch: 41537

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	262.7		mg/Kg		105	90 - 110	0	20

Lab Sample ID: 880-22523-1 MS

Matrix: Solid

Analysis Batch: 41537

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2680		5010	7833		mg/Kg		103	90 - 110

Lab Sample ID: 880-22523-1 MSD

Matrix: Solid

Analysis Batch: 41537

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2680		5010	7838		mg/Kg		103	90 - 110	0	20

Lab Sample ID: MB 880-41656/1-A

Matrix: Solid

Analysis Batch: 41690

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			12/13/22 04:05	1

Lab Sample ID: LCS 880-41656/2-A

Matrix: Solid

Analysis Batch: 41690

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	254.9		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-41656/3-A

Matrix: Solid

Analysis Batch: 41690

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	267.2		mg/Kg		107	90 - 110	5	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-22523-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-22511-A-2-C MS										Client Sample ID: Matrix Spike			
Matrix: Solid										Prep Type: Soluble			
Analysis Batch: 41690													
	Sample	Sample	Spike	MS	MS				%Rec				
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits				
Chloride	144		248	398.0		mg/Kg		102	90 - 110				

Lab Sample ID: 880-22511-A-2-D MSD										Client Sample ID: Matrix Spike Duplicate			
Matrix: Solid										Prep Type: Soluble			
Analysis Batch: 41690													
	Sample	Sample	Spike	MSD	MSD				%Rec			RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD		Limit	
Chloride	144		248	396.9		mg/Kg		102	90 - 110	0		20	

QC Association Summary

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-22523-1
SDG: Eddy County, New Mexico

GC VOA

Prep Batch: 41398

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22523-1	S-1 (0-1')	Total/NA	Solid	5035	
880-22523-2	S-2 (0-6")	Total/NA	Solid	5035	
MB 880-41398/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-41398/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-41398/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
820-6644-A-1-G MS	Matrix Spike	Total/NA	Solid	5035	
820-6644-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 41490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22523-1	S-1 (0-1')	Total/NA	Solid	5035	
880-22523-2	S-2 (0-6")	Total/NA	Solid	5035	
880-22523-3	S-3 (0-6")	Total/NA	Solid	5035	
880-22523-4	S-4 (0-6")	Total/NA	Solid	5035	
MB 880-41490/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-41490/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-41490/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-22523-4 MS	S-4 (0-6")	Total/NA	Solid	5035	
880-22523-4 MSD	S-4 (0-6")	Total/NA	Solid	5035	

Analysis Batch: 41566

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22523-1	S-1 (0-1')	Total/NA	Solid	8021B	41490
880-22523-2	S-2 (0-6")	Total/NA	Solid	8021B	41490
880-22523-3	S-3 (0-6")	Total/NA	Solid	8021B	41490
880-22523-4	S-4 (0-6")	Total/NA	Solid	8021B	41490
MB 880-41490/5-A	Method Blank	Total/NA	Solid	8021B	41490
LCS 880-41490/1-A	Lab Control Sample	Total/NA	Solid	8021B	41490
LCSD 880-41490/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	41490
880-22523-4 MS	S-4 (0-6")	Total/NA	Solid	8021B	41490
880-22523-4 MSD	S-4 (0-6")	Total/NA	Solid	8021B	41490

Analysis Batch: 41675

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22523-1	S-1 (0-1')	Total/NA	Solid	Total BTEX	
880-22523-2	S-2 (0-6")	Total/NA	Solid	Total BTEX	
880-22523-3	S-3 (0-6")	Total/NA	Solid	Total BTEX	
880-22523-4	S-4 (0-6")	Total/NA	Solid	Total BTEX	

Analysis Batch: 41704

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22523-1	S-1 (0-1')	Total/NA	Solid	8021B	41398
880-22523-2	S-2 (0-6")	Total/NA	Solid	8021B	41398
MB 880-41398/5-A	Method Blank	Total/NA	Solid	8021B	41398
LCS 880-41398/1-A	Lab Control Sample	Total/NA	Solid	8021B	41398
LCSD 880-41398/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	41398
820-6644-A-1-G MS	Matrix Spike	Total/NA	Solid	8021B	41398
820-6644-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	41398

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QC Association Summary

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-22523-1
SDG: Eddy County, New Mexico

GC Semi VOA

Prep Batch: 41434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22523-1	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-22523-2	S-2 (0-6")	Total/NA	Solid	8015NM Prep	
880-22523-3	S-3 (0-6")	Total/NA	Solid	8015NM Prep	
MB 880-41434/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-41434/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-41434/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-22521-A-1-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-22521-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 41445

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22523-4	S-4 (0-6")	Total/NA	Solid	8015NM Prep	
MB 880-41445/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-41445/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-41445/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-22524-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-22524-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 41519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22523-1	S-1 (0-1')	Total/NA	Solid	8015B NM	41434
880-22523-2	S-2 (0-6")	Total/NA	Solid	8015B NM	41434
880-22523-3	S-3 (0-6")	Total/NA	Solid	8015B NM	41434
880-22523-4	S-4 (0-6")	Total/NA	Solid	8015B NM	41445
MB 880-41434/1-A	Method Blank	Total/NA	Solid	8015B NM	41434
MB 880-41445/1-A	Method Blank	Total/NA	Solid	8015B NM	41445
LCS 880-41434/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	41434
LCS 880-41445/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	41445
LCSD 880-41434/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	41434
LCSD 880-41445/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	41445
880-22521-A-1-E MS	Matrix Spike	Total/NA	Solid	8015B NM	41434
880-22521-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	41434
880-22524-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	41445
880-22524-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	41445

Analysis Batch: 41618

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22523-1	S-1 (0-1')	Total/NA	Solid	8015 NM	
880-22523-2	S-2 (0-6")	Total/NA	Solid	8015 NM	
880-22523-3	S-3 (0-6")	Total/NA	Solid	8015 NM	
880-22523-4	S-4 (0-6")	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 41428

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22523-1	S-1 (0-1')	Soluble	Solid	DI Leach	
MB 880-41428/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-41428/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-41428/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-22523-1 MS	S-1 (0-1')	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-22523-1
SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Leach Batch: 41428 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22523-1 MSD	S-1 (0-1')	Soluble	Solid	DI Leach	

Analysis Batch: 41537

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22523-1	S-1 (0-1')	Soluble	Solid	300.0	41428
MB 880-41428/1-A	Method Blank	Soluble	Solid	300.0	41428
LCS 880-41428/2-A	Lab Control Sample	Soluble	Solid	300.0	41428
LCSD 880-41428/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	41428
880-22523-1 MS	S-1 (0-1')	Soluble	Solid	300.0	41428
880-22523-1 MSD	S-1 (0-1')	Soluble	Solid	300.0	41428

Leach Batch: 41656

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22523-2	S-2 (0-6")	Soluble	Solid	DI Leach	
880-22523-3	S-3 (0-6")	Soluble	Solid	DI Leach	
880-22523-4	S-4 (0-6")	Soluble	Solid	DI Leach	
MB 880-41656/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-41656/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-41656/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-22511-A-2-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-22511-A-2-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 41690

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22523-2	S-2 (0-6")	Soluble	Solid	300.0	41656
880-22523-3	S-3 (0-6")	Soluble	Solid	300.0	41656
880-22523-4	S-4 (0-6")	Soluble	Solid	300.0	41656
MB 880-41656/1-A	Method Blank	Soluble	Solid	300.0	41656
LCS 880-41656/2-A	Lab Control Sample	Soluble	Solid	300.0	41656
LCSD 880-41656/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	41656
880-22511-A-2-C MS	Matrix Spike	Soluble	Solid	300.0	41656
880-22511-A-2-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	41656

Lab Chronicle

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-22523-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-22523-1

Date Collected: 12/07/22 00:00

Matrix: Solid

Date Received: 12/09/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	41490	12/09/22 14:34	MNR	EET MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	41566	12/12/22 15:46	MNR	EET MID
Total/NA	Prep	5035			4.97 g	5 mL	41398	12/12/22 16:20	MNR	EET MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	41704	12/13/22 15:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41675	12/12/22 16:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			41618	12/12/22 10:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	41434	12/09/22 11:02	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	41519	12/11/22 19:17	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	41428	12/09/22 09:55	KS	EET MID
Soluble	Analysis	300.0		20			41537	12/12/22 01:08	CH	EET MID

Client Sample ID: S-2 (0-6")

Lab Sample ID: 880-22523-2

Date Collected: 12/07/22 00:00

Matrix: Solid

Date Received: 12/09/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	41490	12/09/22 14:34	MNR	EET MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	41566	12/12/22 16:06	MNR	EET MID
Total/NA	Prep	5035			4.99 g	5 mL	41398	12/12/22 16:20	MNR	EET MID
Total/NA	Analysis	8021B		200	5 mL	5 mL	41704	12/13/22 15:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41675	12/13/22 11:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			41618	12/12/22 10:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	41434	12/09/22 11:02	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	41519	12/11/22 19:39	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	41656	12/12/22 15:12	KS	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	41690	12/13/22 09:30	CH	EET MID

Client Sample ID: S-3 (0-6")

Lab Sample ID: 880-22523-3

Date Collected: 12/07/22 00:00

Matrix: Solid

Date Received: 12/09/22 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	41490	12/09/22 14:34	MNR	EET MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	41566	12/12/22 16:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41675	12/13/22 11:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			41618	12/12/22 10:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	41434	12/09/22 11:02	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	41519	12/11/22 20:00	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	41656	12/12/22 15:12	KS	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	41690	12/13/22 09:37	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-22523-1
SDG: Eddy County, New Mexico

Client Sample ID: S-4 (0-6")
Date Collected: 12/07/22 00:00
Date Received: 12/09/22 09:30

Lab Sample ID: 880-22523-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	41490	12/09/22 14:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41566	12/12/22 13:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41675	12/12/22 16:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			41618	12/12/22 10:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	41445	12/09/22 11:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	41519	12/11/22 23:53	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	41656	12/12/22 15:12	KS	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	41690	12/13/22 09:44	CH	EET MID

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-22523-1
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

Method Summary

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-22523-1
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 32-3 (11.19.22)

Job ID: 880-22523-1
SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-22523-1	S-1 (0-1')	Solid	12/07/22 00:00	12/09/22 09:30
880-22523-2	S-2 (0-6")	Solid	12/07/22 00:00	12/09/22 09:30
880-22523-3	S-3 (0-6")	Solid	12/07/22 00:00	12/09/22 09:30
880-22523-4	S-4 (0-6")	Solid	12/07/22 00:00	12/09/22 09:30

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Chain of Custody

Work Order No: 22523

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

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RC ☒ Superfund ☐ State of Project: _____ Reporting Level I ☐ Level III ☐ UST/UST ☐ RRP ☐ Level IV ☐ Deliverables EDD ☐ ADAPT ☐ Other _____	

[illegible][illegible]

880-22523 Chain of Custody

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

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	12/9/22 901		

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-22523-1

SDG Number: Eddy County, New Mexico

Login Number: 22523

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

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



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/13/2022 1:33:18 PM

JOB DESCRIPTION

Myox 32-3 (11.19.22)
SDG NUMBER Eddy County, New Mexico

JOB NUMBER

880-22525-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland**Job Notes**

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
12/13/2022 1:33:18 PM

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

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Laboratory Job ID: 880-22525-1
SDG: Eddy County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-22525-1
SDG: Eddy County, New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
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

Case Narrative

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-22525-1
SDG: Eddy County, New Mexico

Job ID: 880-22525-1**Laboratory: Eurofins Midland****Narrative****Job Narrative
880-22525-1****Receipt**

The samples were received on 12/9/2022 9:01 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 2.6°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: H-1 (0-6") (880-22525-1), H-2 (0-6") (880-22525-2), H-3 (0-6") (880-22525-3), H-4 (0-6") (880-22525-4) and H-5 (0-6") (880-22525-5).

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: H-1 (0-6") (880-22525-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (LCS 880-41572/1-A). Evidence of matrix interferences is not obvious.

Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-41572 and analytical batch 880-41567 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: LCS biased low due to misinjection. Since only an acceptable LCS or LCSD is required per the method, the data has been qualified and reported.(LCS 880-41572/1-A)

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 880-41445 and analytical batch 880-41519 was outside the upper control limits.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-41445 and analytical batch 880-41519 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

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 32-3 (11.19.22)

Job ID: 880-22525-1
SDG: Eddy County, New Mexico

Client Sample ID: H-1 (0-6")

Lab Sample ID: 880-22525-1

Date Collected: 12/07/22 00:00

Matrix: Solid

Date Received: 12/09/22 09:01

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		12/12/22 08:46	12/12/22 14:59	1
Toluene	<0.00199	U *	0.00199		mg/Kg		12/12/22 08:46	12/12/22 14:59	1
Ethylbenzene	<0.00199	U *	0.00199		mg/Kg		12/12/22 08:46	12/12/22 14:59	1
m-Xylene & p-Xylene	<0.00398	U * *	0.00398		mg/Kg		12/12/22 08:46	12/12/22 14:59	1
o-Xylene	<0.00199	U * *	0.00199		mg/Kg		12/12/22 08:46	12/12/22 14:59	1
Xylenes, Total	<0.00398	U * *	0.00398		mg/Kg		12/12/22 08:46	12/12/22 14:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	52	S1-	70 - 130	12/12/22 08:46	12/12/22 14:59	1
1,4-Difluorobenzene (Surr)	77		70 - 130	12/12/22 08:46	12/12/22 14:59	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			12/12/22 16:03	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			12/12/22 10:36	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		12/09/22 11:06	12/12/22 00:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/09/22 11:06	12/12/22 00:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/09/22 11:06	12/12/22 00:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130	12/09/22 11:06	12/12/22 00:14	1
o-Terphenyl	129		70 - 130	12/09/22 11:06	12/12/22 00:14	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	287		25.3		mg/Kg			12/12/22 02:16	5

Client Sample ID: H-2 (0-6")

Lab Sample ID: 880-22525-2

Date Collected: 12/07/22 00:00

Matrix: Solid

Date Received: 12/09/22 09:01

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		12/12/22 08:46	12/12/22 15:20	1
Toluene	<0.00200	U *	0.00200		mg/Kg		12/12/22 08:46	12/12/22 15:20	1
Ethylbenzene	<0.00200	U *	0.00200		mg/Kg		12/12/22 08:46	12/12/22 15:20	1
m-Xylene & p-Xylene	<0.00399	U * *	0.00399		mg/Kg		12/12/22 08:46	12/12/22 15:20	1
o-Xylene	<0.00200	U * *	0.00200		mg/Kg		12/12/22 08:46	12/12/22 15:20	1
Xylenes, Total	<0.00399	U * *	0.00399		mg/Kg		12/12/22 08:46	12/12/22 15:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	12/12/22 08:46	12/12/22 15:20	1
1,4-Difluorobenzene (Surr)	70		70 - 130	12/12/22 08:46	12/12/22 15:20	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-22525-1
SDG: Eddy County, New Mexico

Client Sample ID: H-2 (0-6")

Lab Sample ID: 880-22525-2

Date Collected: 12/07/22 00:00

Matrix: Solid

Date Received: 12/09/22 09:01

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			12/12/22 16:03	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			12/12/22 10:36	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		12/09/22 11:06	12/12/22 00:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/09/22 11:06	12/12/22 00:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/09/22 11:06	12/12/22 00:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				12/09/22 11:06	12/12/22 00:34	1
o-Terphenyl	122		70 - 130				12/09/22 11:06	12/12/22 00:34	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	413		25.2		mg/Kg			12/12/22 02:21	5

Client Sample ID: H-3 (0-6")

Lab Sample ID: 880-22525-3

Date Collected: 12/07/22 00:00

Matrix: Solid

Date Received: 12/09/22 09:01

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		12/12/22 08:46	12/12/22 15:41	1
Toluene	<0.00201	U *	0.00201		mg/Kg		12/12/22 08:46	12/12/22 15:41	1
Ethylbenzene	<0.00201	U *	0.00201		mg/Kg		12/12/22 08:46	12/12/22 15:41	1
m-Xylene & p-Xylene	<0.00402	U * *	0.00402		mg/Kg		12/12/22 08:46	12/12/22 15:41	1
o-Xylene	<0.00201	U * *	0.00201		mg/Kg		12/12/22 08:46	12/12/22 15:41	1
Xylenes, Total	<0.00402	U * *	0.00402		mg/Kg		12/12/22 08:46	12/12/22 15:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	45	S1-	70 - 130				12/12/22 08:46	12/12/22 15:41	1
1,4-Difluorobenzene (Surr)	73		70 - 130				12/12/22 08:46	12/12/22 15:41	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			12/12/22 16:03	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			12/12/22 10:36	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		12/09/22 11:06	12/12/22 00:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/09/22 11:06	12/12/22 00:54	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-22525-1
SDG: Eddy County, New Mexico

Client Sample ID: H-3 (0-6")

Lab Sample ID: 880-22525-3

Date Collected: 12/07/22 00:00

Matrix: Solid

Date Received: 12/09/22 09:01

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		12/09/22 11:06	12/12/22 00:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				12/09/22 11:06	12/12/22 00:54	1
o-Terphenyl	123		70 - 130				12/09/22 11:06	12/12/22 00:54	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	863		50.1		mg/Kg			12/12/22 02:27	10

Client Sample ID: H-4 (0-6")

Lab Sample ID: 880-22525-4

Date Collected: 12/07/22 00:00

Matrix: Solid

Date Received: 12/09/22 09:01

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		12/12/22 08:46	12/12/22 17:03	1
Toluene	<0.00202	U *	0.00202		mg/Kg		12/12/22 08:46	12/12/22 17:03	1
Ethylbenzene	<0.00202	U *	0.00202		mg/Kg		12/12/22 08:46	12/12/22 17:03	1
m-Xylene & p-Xylene	<0.00404	U * *	0.00404		mg/Kg		12/12/22 08:46	12/12/22 17:03	1
o-Xylene	<0.00202	U * *	0.00202		mg/Kg		12/12/22 08:46	12/12/22 17:03	1
Xylenes, Total	<0.00404	U * *	0.00404		mg/Kg		12/12/22 08:46	12/12/22 17:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130				12/12/22 08:46	12/12/22 17:03	1
1,4-Difluorobenzene (Surr)	79		70 - 130				12/12/22 08:46	12/12/22 17:03	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			12/13/22 11:29	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			12/12/22 10:36	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		12/09/22 11:06	12/12/22 01:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/09/22 11:06	12/12/22 01:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/09/22 11:06	12/12/22 01:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				12/09/22 11:06	12/12/22 01:15	1
o-Terphenyl	116		70 - 130				12/09/22 11:06	12/12/22 01:15	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	905		50.5		mg/Kg			12/12/22 08:33	10

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-22525-1
SDG: Eddy County, New Mexico

Client Sample ID: H-5 (0-6")

Lab Sample ID: 880-22525-5

Date Collected: 12/07/22 00:00

Matrix: Solid

Date Received: 12/09/22 09:01

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		12/12/22 08:46	12/12/22 17:24	1
Toluene	<0.00199	U *	0.00199		mg/Kg		12/12/22 08:46	12/12/22 17:24	1
Ethylbenzene	<0.00199	U *	0.00199		mg/Kg		12/12/22 08:46	12/12/22 17:24	1
m-Xylene & p-Xylene	<0.00398	U * *	0.00398		mg/Kg		12/12/22 08:46	12/12/22 17:24	1
o-Xylene	<0.00199	U * *	0.00199		mg/Kg		12/12/22 08:46	12/12/22 17:24	1
Xylenes, Total	<0.00398	U * *	0.00398		mg/Kg		12/12/22 08:46	12/12/22 17:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130	12/12/22 08:46	12/12/22 17:24	1
1,4-Difluorobenzene (Surr)	94		70 - 130	12/12/22 08:46	12/12/22 17:24	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			12/13/22 11:29	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			12/12/22 10:36	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		12/09/22 11:06	12/12/22 01:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/09/22 11:06	12/12/22 01:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/09/22 11:06	12/12/22 01:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	12/09/22 11:06	12/12/22 01:35	1
o-Terphenyl	106		70 - 130	12/09/22 11:06	12/12/22 01:35	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	197		24.8		mg/Kg			12/12/22 08:38	5

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-22525-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-22554-A-1-E MS	Matrix Spike	118	86
880-22554-A-1-F MSD	Matrix Spike Duplicate	110	86
LCS 880-41572/1-A	Lab Control Sample	66 S1-	102
LCSD 880-41572/2-A	Lab Control Sample Dup	100	99
MB 880-41572/5-A	Method Blank	104	92
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)
880-22524-A-1-C MS	Matrix Spike	91	87
880-22524-A-1-D MSD	Matrix Spike Duplicate	84	81
LCS 880-41445/2-A	Lab Control Sample	91	96
LCSD 880-41445/3-A	Lab Control Sample Dup	86	89
MB 880-41445/1-A	Method Blank	126	189 S1+
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-22525-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-41572/5-A

Matrix: Solid

Analysis Batch: 41567

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 41572

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/12/22 08:46	12/12/22 12:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/12/22 08:46	12/12/22 12:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/12/22 08:46	12/12/22 12:13	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/12/22 08:46	12/12/22 12:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/12/22 08:46	12/12/22 12:13	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/12/22 08:46	12/12/22 12:13	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	12/12/22 08:46	12/12/22 12:13	1
1,4-Difluorobenzene (Surr)	92		70 - 130	12/12/22 08:46	12/12/22 12:13	1

Lab Sample ID: LCS 880-41572/1-A

Matrix: Solid

Analysis Batch: 41567

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41572

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09705		mg/Kg		97	70 - 130
Toluene	0.100	0.06510	*-	mg/Kg		65	70 - 130
Ethylbenzene	0.100	0.05885	*-	mg/Kg		59	70 - 130
m-Xylene & p-Xylene	0.200	0.1123	*-	mg/Kg		56	70 - 130
o-Xylene	0.100	0.05505	*-	mg/Kg		55	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	66	S1-	70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-41572/2-A

Matrix: Solid

Analysis Batch: 41567

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 41572

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09849		mg/Kg		98	70 - 130	1	35
Toluene	0.100	0.08827		mg/Kg		88	70 - 130	30	35
Ethylbenzene	0.100	0.08236		mg/Kg		82	70 - 130	33	35
m-Xylene & p-Xylene	0.200	0.1786	*1	mg/Kg		89	70 - 130	46	35
o-Xylene	0.100	0.09140	*1	mg/Kg		91	70 - 130	50	35

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

Lab Sample ID: 880-22554-A-1-E MS

Matrix: Solid

Analysis Batch: 41567

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 41572

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U F1	0.0996	0.07453		mg/Kg		75	70 - 130
Toluene	<0.00201	U *-	0.0996	0.08754		mg/Kg		88	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-22525-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-22554-A-1-E MS

Matrix: Solid

Analysis Batch: 41567

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 41572

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U *-	0.0996	0.1073		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	<0.00402	U *- *1	0.199	0.2344		mg/Kg		118	70 - 130
o-Xylene	<0.00201	U *- *1	0.0996	0.1141		mg/Kg		115	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	118		70 - 130
1,4-Difluorobenzene (Surr)	86		70 - 130

Lab Sample ID: 880-22554-A-1-F MSD

Matrix: Solid

Analysis Batch: 41567

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 41572

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U F1	0.100	0.06663	F1	mg/Kg		66	70 - 130	11	35
Toluene	<0.00201	U *-	0.100	0.07750		mg/Kg		77	70 - 130	12	35
Ethylbenzene	<0.00201	U *-	0.100	0.08862		mg/Kg		88	70 - 130	19	35
m-Xylene & p-Xylene	<0.00402	U *- *1	0.200	0.1931		mg/Kg		96	70 - 130	19	35
o-Xylene	<0.00201	U *- *1	0.100	0.09444		mg/Kg		94	70 - 130	19	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	86		70 - 130

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

Lab Sample ID: MB 880-41445/1-A

Matrix: Solid

Analysis Batch: 41519

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 41445

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		12/09/22 11:06	12/11/22 20:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/09/22 11:06	12/11/22 20:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/09/22 11:06	12/11/22 20:42	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130	12/09/22 11:06	12/11/22 20:42	1
o-Terphenyl	189	S1+	70 - 130	12/09/22 11:06	12/11/22 20:42	1

Lab Sample ID: LCS 880-41445/2-A

Matrix: Solid

Analysis Batch: 41519

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41445

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1042		mg/Kg		104	70 - 130
Diesel Range Organics (Over C10-C28)	1000	991.9		mg/Kg		99	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-22525-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-41445/2-A

Matrix: Solid

Analysis Batch: 41519

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41445

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	91		70 - 130
o-Terphenyl	96		70 - 130

Lab Sample ID: LCSD 880-41445/3-A

Matrix: Solid

Analysis Batch: 41519

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 41445

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	894.4		mg/Kg		89	70 - 130	15	20
Diesel Range Organics (Over C10-C28)	1000	905.6		mg/Kg		91	70 - 130	9	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	86		70 - 130
o-Terphenyl	89		70 - 130

Lab Sample ID: 880-22524-A-1-C MS

Matrix: Solid

Analysis Batch: 41519

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 41445

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1 F2	999	1403	F1	mg/Kg		137	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	999	741.0		mg/Kg		73	70 - 130

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

Lab Sample ID: 880-22524-A-1-D MSD

Matrix: Solid

Analysis Batch: 41519

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 41445

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1 F2	997	858.8	F2	mg/Kg		82	70 - 130	48	20
Diesel Range Organics (Over C10-C28)	<50.0	U	997	717.4		mg/Kg		70	70 - 130	3	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	84		70 - 130
o-Terphenyl	81		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-22525-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-41428/1-A

Matrix: Solid

Analysis Batch: 41537

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			12/12/22 00:51	1

Lab Sample ID: LCS 880-41428/2-A

Matrix: Solid

Analysis Batch: 41537

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	262.0		mg/Kg		105	90 - 110

Lab Sample ID: LCSD 880-41428/3-A

Matrix: Solid

Analysis Batch: 41537

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	262.7		mg/Kg		105	90 - 110	0	20

Lab Sample ID: 880-22525-3 MS

Matrix: Solid

Analysis Batch: 41537

Client Sample ID: H-3 (0-6")

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	863		2510	3498		mg/Kg		105	90 - 110

Lab Sample ID: 880-22525-3 MSD

Matrix: Solid

Analysis Batch: 41537

Client Sample ID: H-3 (0-6")

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	863		2510	3442		mg/Kg		103	90 - 110	2	20

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-22525-1
SDG: Eddy County, New Mexico

GC VOA

Analysis Batch: 41567

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22525-1	H-1 (0-6")	Total/NA	Solid	8021B	41572
880-22525-2	H-2 (0-6")	Total/NA	Solid	8021B	41572
880-22525-3	H-3 (0-6")	Total/NA	Solid	8021B	41572
880-22525-4	H-4 (0-6")	Total/NA	Solid	8021B	41572
880-22525-5	H-5 (0-6")	Total/NA	Solid	8021B	41572
MB 880-41572/5-A	Method Blank	Total/NA	Solid	8021B	41572
LCS 880-41572/1-A	Lab Control Sample	Total/NA	Solid	8021B	41572
LCSD 880-41572/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	41572
880-22554-A-1-E MS	Matrix Spike	Total/NA	Solid	8021B	41572
880-22554-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	41572

Prep Batch: 41572

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22525-1	H-1 (0-6")	Total/NA	Solid	5035	
880-22525-2	H-2 (0-6")	Total/NA	Solid	5035	
880-22525-3	H-3 (0-6")	Total/NA	Solid	5035	
880-22525-4	H-4 (0-6")	Total/NA	Solid	5035	
880-22525-5	H-5 (0-6")	Total/NA	Solid	5035	
MB 880-41572/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-41572/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-41572/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-22554-A-1-E MS	Matrix Spike	Total/NA	Solid	5035	
880-22554-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 41673

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22525-1	H-1 (0-6")	Total/NA	Solid	Total BTEX	
880-22525-2	H-2 (0-6")	Total/NA	Solid	Total BTEX	
880-22525-3	H-3 (0-6")	Total/NA	Solid	Total BTEX	
880-22525-4	H-4 (0-6")	Total/NA	Solid	Total BTEX	
880-22525-5	H-5 (0-6")	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 41445

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22525-1	H-1 (0-6")	Total/NA	Solid	8015NM Prep	
880-22525-2	H-2 (0-6")	Total/NA	Solid	8015NM Prep	
880-22525-3	H-3 (0-6")	Total/NA	Solid	8015NM Prep	
880-22525-4	H-4 (0-6")	Total/NA	Solid	8015NM Prep	
880-22525-5	H-5 (0-6")	Total/NA	Solid	8015NM Prep	
MB 880-41445/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-41445/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-41445/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-22524-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-22524-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 41519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22525-1	H-1 (0-6")	Total/NA	Solid	8015B NM	41445
880-22525-2	H-2 (0-6")	Total/NA	Solid	8015B NM	41445

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-22525-1
SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 41519 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22525-3	H-3 (0-6")	Total/NA	Solid	8015B NM	41445
880-22525-4	H-4 (0-6")	Total/NA	Solid	8015B NM	41445
880-22525-5	H-5 (0-6")	Total/NA	Solid	8015B NM	41445
MB 880-41445/1-A	Method Blank	Total/NA	Solid	8015B NM	41445
LCS 880-41445/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	41445
LCSD 880-41445/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	41445
880-22524-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	41445
880-22524-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	41445

Analysis Batch: 41620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22525-1	H-1 (0-6")	Total/NA	Solid	8015 NM	
880-22525-2	H-2 (0-6")	Total/NA	Solid	8015 NM	
880-22525-3	H-3 (0-6")	Total/NA	Solid	8015 NM	
880-22525-4	H-4 (0-6")	Total/NA	Solid	8015 NM	
880-22525-5	H-5 (0-6")	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 41428

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22525-1	H-1 (0-6")	Soluble	Solid	DI Leach	
880-22525-2	H-2 (0-6")	Soluble	Solid	DI Leach	
880-22525-3	H-3 (0-6")	Soluble	Solid	DI Leach	
880-22525-4	H-4 (0-6")	Soluble	Solid	DI Leach	
880-22525-5	H-5 (0-6")	Soluble	Solid	DI Leach	
MB 880-41428/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-41428/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-41428/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-22525-3 MS	H-3 (0-6")	Soluble	Solid	DI Leach	
880-22525-3 MSD	H-3 (0-6")	Soluble	Solid	DI Leach	

Analysis Batch: 41537

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22525-1	H-1 (0-6")	Soluble	Solid	300.0	41428
880-22525-2	H-2 (0-6")	Soluble	Solid	300.0	41428
880-22525-3	H-3 (0-6")	Soluble	Solid	300.0	41428
880-22525-4	H-4 (0-6")	Soluble	Solid	300.0	41428
880-22525-5	H-5 (0-6")	Soluble	Solid	300.0	41428
MB 880-41428/1-A	Method Blank	Soluble	Solid	300.0	41428
LCS 880-41428/2-A	Lab Control Sample	Soluble	Solid	300.0	41428
LCSD 880-41428/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	41428
880-22525-3 MS	H-3 (0-6")	Soluble	Solid	300.0	41428
880-22525-3 MSD	H-3 (0-6")	Soluble	Solid	300.0	41428

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-22525-1
SDG: Eddy County, New Mexico

Client Sample ID: H-1 (0-6")

Lab Sample ID: 880-22525-1

Date Collected: 12/07/22 00:00

Matrix: Solid

Date Received: 12/09/22 09:01

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	41572	12/12/22 08:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41567	12/12/22 14:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41673	12/12/22 16:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			41620	12/12/22 10:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	41445	12/09/22 11:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	41519	12/12/22 00:14	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	41428	12/09/22 09:55	KS	EET MID
Soluble	Analysis	300.0		5			41537	12/12/22 02:16	CH	EET MID

Client Sample ID: H-2 (0-6")

Lab Sample ID: 880-22525-2

Date Collected: 12/07/22 00:00

Matrix: Solid

Date Received: 12/09/22 09:01

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	41572	12/12/22 08:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41567	12/12/22 15:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41673	12/12/22 16:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			41620	12/12/22 10:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	41445	12/09/22 11:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	41519	12/12/22 00:34	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	41428	12/09/22 09:55	KS	EET MID
Soluble	Analysis	300.0		5			41537	12/12/22 02:21	CH	EET MID

Client Sample ID: H-3 (0-6")

Lab Sample ID: 880-22525-3

Date Collected: 12/07/22 00:00

Matrix: Solid

Date Received: 12/09/22 09:01

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	41572	12/12/22 08:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41567	12/12/22 15:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41673	12/12/22 16:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			41620	12/12/22 10:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	41445	12/09/22 11:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	41519	12/12/22 00:54	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	41428	12/09/22 09:55	KS	EET MID
Soluble	Analysis	300.0		10			41537	12/12/22 02:27	CH	EET MID

Client Sample ID: H-4 (0-6")

Lab Sample ID: 880-22525-4

Date Collected: 12/07/22 00:00

Matrix: Solid

Date Received: 12/09/22 09:01

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	41572	12/12/22 08:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41567	12/12/22 17:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41673	12/13/22 11:29	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-22525-1
SDG: Eddy County, New Mexico

Client Sample ID: H-4 (0-6")
Date Collected: 12/07/22 00:00
Date Received: 12/09/22 09:01

Lab Sample ID: 880-22525-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			41620	12/12/22 10:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	41445	12/09/22 11:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	41519	12/12/22 01:15	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	41428	12/09/22 09:55	KS	EET MID
Soluble	Analysis	300.0		10			41537	12/12/22 08:33	CH	EET MID

Client Sample ID: H-5 (0-6")
Date Collected: 12/07/22 00:00
Date Received: 12/09/22 09:01

Lab Sample ID: 880-22525-5
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	41572	12/12/22 08:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41567	12/12/22 17:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41673	12/13/22 11:29	SM	EET MID
Total/NA	Analysis	8015 NM		1			41620	12/12/22 10:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	41445	12/09/22 11:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	41519	12/12/22 01:35	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	41428	12/09/22 09:55	KS	EET MID
Soluble	Analysis	300.0		5			41537	12/12/22 08:38	CH	EET MID

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-22525-1
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
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
- 2
- 3
- 4
- 5
- 6
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Method Summary

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-22525-1
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 32-3 (11.19.22)

Job ID: 880-22525-1
SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-22525-1	H-1 (0-6")	Solid	12/07/22 00:00	12/09/22 09:01
880-22525-2	H-2 (0-6")	Solid	12/07/22 00:00	12/09/22 09:01
880-22525-3	H-3 (0-6")	Solid	12/07/22 00:00	12/09/22 09:01
880-22525-4	H-4 (0-6")	Solid	12/07/22 00:00	12/09/22 09:01
880-22525-5	H-5 (0-6")	Solid	12/07/22 00:00	12/09/22 09:01

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Chain of Custody

Work Order No: 22525

Page 1 of 1

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

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

Project Name	Myox 32-3 (11 19 22)	Turn Around	☐ Routine ☒ Rush	48 Hrs	Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number	1200																None NO	DI Water H ₂ O	
Project Location	Eddy County, New Mexico	Due Date															Cool Cool	MeOH Me	
Sampler's Name:	MM																HCL HC	HNO ₃ HN	
PO #:																	H ₂ SO ₄ H ₂	NaOH Na	
SAMPLE RECEIPT	Temp Blank	Yes No	Wet Ice	Yes No													H ₃ PO ₄ HP		
Received Intact:	Yes No	Thermometer ID															NaHSO ₄ NABIS		
Cooler Custody Seals:	Yes No	Correction Factor															Na ₂ S ₂ O ₃ NaSO ₃		
Sample Custody Seals:	Yes No	Temperature Reading															Zn Acetate+NaOH Zn		
Total Containers:		Corrected Temperature															NaOH+Ascorbic Acid SAPC		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters										Sample Comments		
H-1 (0-6")	12/7/2022		X		G	1	BTX 8021B										42		
H-2 (0-6")	12/7/2022		X		G	1	TPH 8015M (GRO + DRO + MRO)												
H-3 (0-6")	12/7/2022		X		G	1	Chloride 300 0												
H-4 (0-6")	12/7/2022		X		G	1													
H-5 (0-6")	12/7/2022		X		G	1													



880-22525 Chain of Custody

Comments Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com			
Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	12/9/22		
	201		

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-22525-1

SDG Number: Eddy County, New Mexico

Login Number: 22525

List Number: 1

List Source: Eurofins Midland

Creator: Rodriguez, Leticia

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



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/15/2023 7:57:58 AM

JOB DESCRIPTION

Myox 32-3 (11.19.22)
SDG NUMBER Eddy County, New Mexico

JOB NUMBER

880-24616-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland**Job Notes**

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
2/15/2023 7:57:58 AM

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

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Laboratory Job ID: 880-24616-1
SDG: Eddy County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24616-1
SDG: Eddy County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

Case Narrative

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24616-1
SDG: Eddy County, New Mexico

Job ID: 880-24616-1**Laboratory: Eurofins Midland****Narrative****Job Narrative
880-24616-1****Receipt**

The samples were received on 2/13/2023 8:40 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.0°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: H-3 (0-0.5') (880-24616-1) and H-4 (0-0.5') (880-24616-2).

GC VOA

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: H-3 (0-0.5') (880-24616-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-46101 and analytical batch 880-46160 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24616-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-24616-1

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/13/23 11:50	02/14/23 05:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/23 11:50	02/14/23 05:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/13/23 11:50	02/14/23 05:00	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/13/23 11:50	02/14/23 05:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/23 11:50	02/14/23 05:00	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/13/23 11:50	02/14/23 05:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	02/13/23 11:50	02/14/23 05:00	1
1,4-Difluorobenzene (Surr)	107		70 - 130	02/13/23 11:50	02/14/23 05:00	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/14/23 11:13	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			02/15/23 08:41	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		02/13/23 10:08	02/15/23 01:44	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/13/23 10:08	02/15/23 01:44	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/13/23 10:08	02/15/23 01:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	67	S1-	70 - 130	02/13/23 10:08	02/15/23 01:44	1
o-Terphenyl	73		70 - 130	02/13/23 10:08	02/15/23 01:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	78.7		4.96		mg/Kg			02/13/23 17:04	1

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

Lab Sample ID: 880-24616-2

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/13/23 11:50	02/14/23 05:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/13/23 11:50	02/14/23 05:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/13/23 11:50	02/14/23 05:21	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/13/23 11:50	02/14/23 05:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/13/23 11:50	02/14/23 05:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/13/23 11:50	02/14/23 05:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	02/13/23 11:50	02/14/23 05:21	1
1,4-Difluorobenzene (Surr)	109		70 - 130	02/13/23 11:50	02/14/23 05:21	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24616-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-24616-2

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/14/23 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/15/23 08:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/13/23 10:08	02/15/23 02:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/13/23 10:08	02/15/23 02:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/13/23 10:08	02/15/23 02:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				02/13/23 10:08	02/15/23 02:29	1
o-Terphenyl	78		70 - 130				02/13/23 10:08	02/15/23 02:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			02/13/23 22:30	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24616-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-24616-1	H-3 (0-0.5')	118	107
880-24616-2	H-4 (0-0.5')	126	109
880-24618-A-21-C MS	Matrix Spike	109	106
880-24618-A-21-D MSD	Matrix Spike Duplicate	112	110
LCS 880-46085/1-A	Lab Control Sample	107	108
LCSD 880-46085/2-A	Lab Control Sample Dup	107	108
MB 880-46013/5-A	Method Blank	112	105
MB 880-46085/5-A	Method Blank	110	105
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)
880-24616-1	H-3 (0-0.5')	67 S1-	73
880-24616-2	H-4 (0-0.5')	73	78
880-24617-A-1-C MS	Matrix Spike	96	95
880-24617-A-1-D MSD	Matrix Spike Duplicate	88	87
LCS 880-46105/2-A	Lab Control Sample	86	90
LCSD 880-46105/3-A	Lab Control Sample Dup	88	94
MB 880-46105/1-A	Method Blank	92	101
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24616-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-46013/5-A

Matrix: Solid

Analysis Batch: 46089

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 46013

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/10/23 14:48	02/13/23 12:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/10/23 14:48	02/13/23 12:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/10/23 14:48	02/13/23 12:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/10/23 14:48	02/13/23 12:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/10/23 14:48	02/13/23 12:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/10/23 14:48	02/13/23 12:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	02/10/23 14:48	02/13/23 12:02	1
1,4-Difluorobenzene (Surr)	105		70 - 130	02/10/23 14:48	02/13/23 12:02	1

Lab Sample ID: MB 880-46085/5-A

Matrix: Solid

Analysis Batch: 46089

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 46085

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/13/23 11:50	02/13/23 23:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/23 11:50	02/13/23 23:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/13/23 11:50	02/13/23 23:38	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/13/23 11:50	02/13/23 23:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/23 11:50	02/13/23 23:38	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/13/23 11:50	02/13/23 23:38	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	02/13/23 11:50	02/13/23 23:38	1
1,4-Difluorobenzene (Surr)	105		70 - 130	02/13/23 11:50	02/13/23 23:38	1

Lab Sample ID: LCS 880-46085/1-A

Matrix: Solid

Analysis Batch: 46089

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 46085

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09515		mg/Kg		95	70 - 130
Toluene	0.100	0.08997		mg/Kg		90	70 - 130
Ethylbenzene	0.100	0.09006		mg/Kg		90	70 - 130
m-Xylene & p-Xylene	0.200	0.1873		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09144		mg/Kg		91	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: LCSD 880-46085/2-A

Matrix: Solid

Analysis Batch: 46089

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 46085

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09442		mg/Kg		94	70 - 130	1	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24616-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCSD 880-46085/2-A

Matrix: Solid

Analysis Batch: 46089

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 46085

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.09166		mg/Kg		92	70 - 130	2	35
Ethylbenzene	0.100	0.09050		mg/Kg		90	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.1904		mg/Kg		95	70 - 130	2	35
o-Xylene	0.100	0.09389		mg/Kg		94	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: 880-24618-A-21-C MS

Matrix: Solid

Analysis Batch: 46089

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 46085

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.100	0.08589		mg/Kg		86	70 - 130
Toluene	<0.00201	U	0.100	0.08314		mg/Kg		83	70 - 130
Ethylbenzene	<0.00201	U	0.100	0.08043		mg/Kg		80	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.201	0.1684		mg/Kg		84	70 - 130
o-Xylene	<0.00201	U	0.100	0.08165		mg/Kg		81	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 880-24618-A-21-D MSD

Matrix: Solid

Analysis Batch: 46089

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 46085

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0990	0.08721		mg/Kg		88	70 - 130	2	35
Toluene	<0.00201	U	0.0990	0.08413		mg/Kg		85	70 - 130	1	35
Ethylbenzene	<0.00201	U	0.0990	0.08051		mg/Kg		81	70 - 130	0	35
m-Xylene & p-Xylene	<0.00402	U	0.198	0.1686		mg/Kg		85	70 - 130	0	35
o-Xylene	<0.00201	U	0.0990	0.08128		mg/Kg		82	70 - 130	0	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

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

Lab Sample ID: MB 880-46105/1-A

Matrix: Solid

Analysis Batch: 46267

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 46105

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/13/23 10:08	02/14/23 20:36	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24616-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: MB 880-46105/1-A

Matrix: Solid

Analysis Batch: 46267

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 46105

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		02/13/23 10:08	02/14/23 20:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/13/23 10:08	02/14/23 20:36	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				02/13/23 10:08	02/14/23 20:36	1
o-Terphenyl	101		70 - 130				02/13/23 10:08	02/14/23 20:36	1

Lab Sample ID: LCS 880-46105/2-A

Matrix: Solid

Analysis Batch: 46267

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 46105

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	870.3		mg/Kg		87	70 - 130
Diesel Range Organics (Over C10-C28)	1000	850.0		mg/Kg		85	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	86		70 - 130				
o-Terphenyl	90		70 - 130				

Lab Sample ID: LCSD 880-46105/3-A

Matrix: Solid

Analysis Batch: 46267

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 46105

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	812.0		mg/Kg		81	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	1000	829.9		mg/Kg		83	70 - 130	2	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	88		70 - 130						
o-Terphenyl	94		70 - 130						

Lab Sample ID: 880-24617-A-1-C MS

Matrix: Solid

Analysis Batch: 46267

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 46105

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	1048		mg/Kg		100	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	1136		mg/Kg		111	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	96		70 - 130						
o-Terphenyl	95		70 - 130						

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24616-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-24617-A-1-D MSD

Matrix: Solid

Analysis Batch: 46267

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 46105

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	1000	973.2		mg/Kg		93	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	1036		mg/Kg		102	70 - 130	9	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	88		70 - 130								
o-Terphenyl	87		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-46102/1-A

Matrix: Solid

Analysis Batch: 46143

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			02/13/23 14:44	1

Lab Sample ID: LCS 880-46102/2-A

Matrix: Solid

Analysis Batch: 46143

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	242.3		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-46102/3-A

Matrix: Solid

Analysis Batch: 46143

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	243.4		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 890-4085-A-27-B MS

Matrix: Solid

Analysis Batch: 46143

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<4.97	U	249	250.9		mg/Kg		100	90 - 110

Lab Sample ID: 890-4085-A-27-C MSD

Matrix: Solid

Analysis Batch: 46143

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<4.97	U	249	252.0		mg/Kg		101	90 - 110	0	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24616-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 880-46101/1-A

Matrix: Solid

Analysis Batch: 46160

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			02/13/23 20:11	1

Lab Sample ID: LCS 880-46101/2-A

Matrix: Solid

Analysis Batch: 46160

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	246.2		mg/Kg		98	90 - 110

Lab Sample ID: LCSD 880-46101/3-A

Matrix: Solid

Analysis Batch: 46160

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	245.0		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 880-24617-A-7-D MS

Matrix: Solid

Analysis Batch: 46160

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	432	F1	250	614.9	F1	mg/Kg		73	90 - 110

Lab Sample ID: 880-24617-A-7-E MSD

Matrix: Solid

Analysis Batch: 46160

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	432	F1	250	608.8	F1	mg/Kg		71	90 - 110	1	20

QC Association Summary

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24616-1
SDG: Eddy County, New Mexico

GC VOA

Prep Batch: 46013

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-46013/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 46085

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24616-1	H-3 (0-0.5')	Total/NA	Solid	5035	
880-24616-2	H-4 (0-0.5')	Total/NA	Solid	5035	
MB 880-46085/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-46085/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-46085/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-24618-A-21-C MS	Matrix Spike	Total/NA	Solid	5035	
880-24618-A-21-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 46089

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24616-1	H-3 (0-0.5')	Total/NA	Solid	8021B	46085
880-24616-2	H-4 (0-0.5')	Total/NA	Solid	8021B	46085
MB 880-46013/5-A	Method Blank	Total/NA	Solid	8021B	46013
MB 880-46085/5-A	Method Blank	Total/NA	Solid	8021B	46085
LCS 880-46085/1-A	Lab Control Sample	Total/NA	Solid	8021B	46085
LCSD 880-46085/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	46085
880-24618-A-21-C MS	Matrix Spike	Total/NA	Solid	8021B	46085
880-24618-A-21-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	46085

Analysis Batch: 46299

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24616-1	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-24616-2	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 46105

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24616-1	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-24616-2	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-46105/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-46105/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-46105/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-24617-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-24617-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 46267

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24616-1	H-3 (0-0.5')	Total/NA	Solid	8015B NM	46105
880-24616-2	H-4 (0-0.5')	Total/NA	Solid	8015B NM	46105
MB 880-46105/1-A	Method Blank	Total/NA	Solid	8015B NM	46105
LCS 880-46105/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	46105
LCSD 880-46105/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	46105
880-24617-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	46105
880-24617-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	46105

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24616-1
SDG: Eddy County, New Mexico

GC Semi VOA

Analysis Batch: 46363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24616-1	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-24616-2	H-4 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 46101

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24616-2	H-4 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-46101/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-46101/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-46101/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-24617-A-7-D MS	Matrix Spike	Soluble	Solid	DI Leach	
880-24617-A-7-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 46102

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24616-1	H-3 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-46102/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-46102/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-46102/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-4085-A-27-B MS	Matrix Spike	Soluble	Solid	DI Leach	
890-4085-A-27-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 46143

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24616-1	H-3 (0-0.5')	Soluble	Solid	300.0	46102
MB 880-46102/1-A	Method Blank	Soluble	Solid	300.0	46102
LCS 880-46102/2-A	Lab Control Sample	Soluble	Solid	300.0	46102
LCSD 880-46102/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	46102
890-4085-A-27-B MS	Matrix Spike	Soluble	Solid	300.0	46102
890-4085-A-27-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	46102

Analysis Batch: 46160

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24616-2	H-4 (0-0.5')	Soluble	Solid	300.0	46101
MB 880-46101/1-A	Method Blank	Soluble	Solid	300.0	46101
LCS 880-46101/2-A	Lab Control Sample	Soluble	Solid	300.0	46101
LCSD 880-46101/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	46101
880-24617-A-7-D MS	Matrix Spike	Soluble	Solid	300.0	46101
880-24617-A-7-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	46101

Lab Chronicle

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24616-1
SDG: Eddy County, New Mexico

Client Sample ID: H-3 (0-0.5')
Date Collected: 02/08/23 00:00
Date Received: 02/13/23 08:40

Lab Sample ID: 880-24616-1
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	46085	02/13/23 11:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	46089	02/14/23 05:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			46299	02/14/23 11:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			46363	02/15/23 08:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	46105	02/13/23 10:08	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46267	02/15/23 01:44	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	46102	02/13/23 09:42	KS	EET MID
Soluble	Analysis	300.0		1			46143	02/13/23 17:04	CH	EET MID

Client Sample ID: H-4 (0-0.5')
Date Collected: 02/08/23 00:00
Date Received: 02/13/23 08:40

Lab Sample ID: 880-24616-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	46085	02/13/23 11:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	46089	02/14/23 05:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			46299	02/14/23 11:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			46363	02/15/23 08:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	46105	02/13/23 10:08	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46267	02/15/23 02:29	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	46101	02/13/23 09:40	KS	EET MID
Soluble	Analysis	300.0		1			46160	02/13/23 22:30	CH	EET MID

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24616-1
SDG: Eddy County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
300.0		Solid	Chloride
8015 NM		Solid	Total TPH
8015B NM	8015NM Prep	Solid	Diesel Range Organics (Over C10-C28)
8015B NM	8015NM Prep	Solid	Gasoline Range Organics (GRO)-C6-C10
8015B NM	8015NM Prep	Solid	Oil Range Organics (Over C28-C36)
8021B	5035	Solid	Benzene
8021B	5035	Solid	Ethylbenzene
8021B	5035	Solid	m-Xylene & p-Xylene
8021B	5035	Solid	o-Xylene
8021B	5035	Solid	Toluene
8021B	5035	Solid	Xylenes, Total
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24616-1
SDG: Eddy County, New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24616-1
SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-24616-1	H-3 (0-0.5')	Solid	02/08/23 00:00	02/13/23 08:40
880-24616-2	H-4 (0-0.5')	Solid	02/08/23 00:00	02/13/23 08:40

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Work Order No: 24616

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

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

[illegible]

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

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	2.13.24		

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-24616-1

SDG Number: Eddy County, New Mexico

Login Number: 24616

List Number: 1

List Source: Eurofins Midland

Creator: Rodriguez, Leticia

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



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/15/2023 7:58:43 AM

JOB DESCRIPTION

Myox 32-3 (11.19.22)
SDG NUMBER Eddy County, New Mexico

JOB NUMBER

880-24618-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland**Job Notes**

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
2/15/2023 7:58:43 AM

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

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Laboratory Job ID: 880-24618-1
SDG: Eddy County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24618-1
SDG: Eddy County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

Case Narrative

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24618-1
SDG: Eddy County, New Mexico

Job ID: 880-24618-1

Laboratory: Eurofins Midland

Narrative

**Job Narrative
880-24618-1**

Receipt

The samples were received on 2/13/2023 8:40 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.0°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: CS-1 (2.0') (880-24618-1), CS-2 (2.0') (880-24618-2), CS-3 (2.0') (880-24618-3), CS-4 (2.0') (880-24618-4), CS-5 (2.0') (880-24618-5), CS-6 (2.0') (880-24618-6), CS-7 (2.0') (880-24618-7), CS-8 (2.0') (880-24618-8), CS-9 (1.0') (880-24618-9), CS-10 (1.0') (880-24618-10), CS-11 (1.0') (880-24618-11), CS-12 (1.0') (880-24618-12), CS-13 (1.0') (880-24618-13), CS-14 (1.0') (880-24618-14), SW-1 (1.0') (880-24618-15), SW-2 (1.0') (880-24618-16), SW-3 (1.0') (880-24618-17), SW-4 (1.0') (880-24618-18), SW-5 (1.0') (880-24618-19), SW-6 (1.0') (880-24618-20), SW-7 (1.0') (880-24618-21) and SW-8 (1.0') (880-24618-22).

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS-6 (2.0') (880-24618-6), CS-10 (1.0') (880-24618-10), CS-11 (1.0') (880-24618-11), CS-14 (1.0') (880-24618-14), SW-2 (1.0') (880-24618-16) and SW-3 (1.0') (880-24618-17). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-6 (2.0') (880-24618-6), CS-8 (2.0') (880-24618-8), CS-10 (1.0') (880-24618-10), CS-12 (1.0') (880-24618-12), CS-14 (1.0') (880-24618-14), SW-5 (1.0') (880-24618-19), SW-6 (1.0') (880-24618-20), (MB 880-46104/1-A) and (880-24618-A-1-F MSD). Evidence of matrix interferences is not obvious.

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-46142 and analytical batch 880-46175 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24618-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-1 (2.0')

Lab Sample ID: 880-24618-1

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/13/23 11:22	02/13/23 22:39	1
Toluene	<0.00202	U F1	0.00202		mg/Kg		02/13/23 11:22	02/13/23 22:39	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/13/23 11:22	02/13/23 22:39	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		02/13/23 11:22	02/13/23 22:39	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/13/23 11:22	02/13/23 22:39	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		02/13/23 11:22	02/13/23 22:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130	02/13/23 11:22	02/13/23 22:39	1
1,4-Difluorobenzene (Surr)	87		70 - 130	02/13/23 11:22	02/13/23 22:39	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			02/14/23 11:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/14/23 09:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/13/23 10:04	02/13/23 21:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/13/23 10:04	02/13/23 21:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/13/23 10:04	02/13/23 21:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130	02/13/23 10:04	02/13/23 21:35	1
o-Terphenyl	80		70 - 130	02/13/23 10:04	02/13/23 21:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			02/13/23 17:41	1

Client Sample ID: CS-2 (2.0')

Lab Sample ID: 880-24618-2

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/13/23 11:22	02/13/23 22:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/13/23 11:22	02/13/23 22:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/13/23 11:22	02/13/23 22:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/13/23 11:22	02/13/23 22:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/13/23 11:22	02/13/23 22:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/13/23 11:22	02/13/23 22:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	71		70 - 130	02/13/23 11:22	02/13/23 22:59	1
1,4-Difluorobenzene (Surr)	82		70 - 130	02/13/23 11:22	02/13/23 22:59	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24618-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-2 (2.0')

Lab Sample ID: 880-24618-2

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/14/23 11:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/14/23 09:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/13/23 10:04	02/13/23 22:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/13/23 10:04	02/13/23 22:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/13/23 10:04	02/13/23 22:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				02/13/23 10:04	02/13/23 22:41	1
o-Terphenyl	78		70 - 130				02/13/23 10:04	02/13/23 22:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	378		5.00		mg/Kg			02/13/23 17:55	1

Client Sample ID: CS-3 (2.0')

Lab Sample ID: 880-24618-3

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/13/23 11:22	02/13/23 23:20	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/13/23 11:22	02/13/23 23:20	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/13/23 11:22	02/13/23 23:20	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/13/23 11:22	02/13/23 23:20	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/13/23 11:22	02/13/23 23:20	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/13/23 11:22	02/13/23 23:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				02/13/23 11:22	02/13/23 23:20	1
1,4-Difluorobenzene (Surr)	85		70 - 130				02/13/23 11:22	02/13/23 23:20	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/14/23 11:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/14/23 09:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/13/23 10:04	02/13/23 23:03	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/13/23 10:04	02/13/23 23:03	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24618-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-3 (2.0')

Lab Sample ID: 880-24618-3

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/13/23 10:04	02/13/23 23:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				02/13/23 10:04	02/13/23 23:03	1
o-Terphenyl	72		70 - 130				02/13/23 10:04	02/13/23 23:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.29		5.02		mg/Kg			02/14/23 00:59	1

Client Sample ID: CS-4 (2.0')

Lab Sample ID: 880-24618-4

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/13/23 11:22	02/13/23 23:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/23 11:22	02/13/23 23:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/13/23 11:22	02/13/23 23:40	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/13/23 11:22	02/13/23 23:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/23 11:22	02/13/23 23:40	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/13/23 11:22	02/13/23 23:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				02/13/23 11:22	02/13/23 23:40	1
1,4-Difluorobenzene (Surr)	91		70 - 130				02/13/23 11:22	02/13/23 23:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/14/23 11:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/14/23 09:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/13/23 10:04	02/13/23 23:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/13/23 10:04	02/13/23 23:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/13/23 10:04	02/13/23 23:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				02/13/23 10:04	02/13/23 23:25	1
o-Terphenyl	73		70 - 130				02/13/23 10:04	02/13/23 23:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			02/13/23 18:00	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24618-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-5 (2.0')

Lab Sample ID: 880-24618-5

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/13/23 11:22	02/14/23 00:01	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/13/23 11:22	02/14/23 00:01	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/13/23 11:22	02/14/23 00:01	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/13/23 11:22	02/14/23 00:01	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/13/23 11:22	02/14/23 00:01	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/13/23 11:22	02/14/23 00:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				02/13/23 11:22	02/14/23 00:01	1
1,4-Difluorobenzene (Surr)	86		70 - 130				02/13/23 11:22	02/14/23 00:01	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/14/23 11:01	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			02/14/23 09:57	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		02/13/23 10:04	02/13/23 23:47	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/13/23 10:04	02/13/23 23:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/13/23 10:04	02/13/23 23:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				02/13/23 10:04	02/13/23 23:47	1
o-Terphenyl	70		70 - 130				02/13/23 10:04	02/13/23 23:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95		mg/Kg			02/13/23 18:05	1

Client Sample ID: CS-6 (2.0')

Lab Sample ID: 880-24618-6

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/13/23 11:22	02/14/23 00:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/23 11:22	02/14/23 00:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/13/23 11:22	02/14/23 00:21	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/13/23 11:22	02/14/23 00:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/23 11:22	02/14/23 00:21	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/13/23 11:22	02/14/23 00:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130				02/13/23 11:22	02/14/23 00:21	1
1,4-Difluorobenzene (Surr)	65	S1-	70 - 130				02/13/23 11:22	02/14/23 00:21	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24618-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-6 (2.0')

Lab Sample ID: 880-24618-6

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/14/23 11:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/14/23 09:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/13/23 10:04	02/14/23 00:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/13/23 10:04	02/14/23 00:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/13/23 10:04	02/14/23 00:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	62	S1-	70 - 130				02/13/23 10:04	02/14/23 00:07	1
o-Terphenyl	66	S1-	70 - 130				02/13/23 10:04	02/14/23 00:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			02/13/23 18:09	1

Client Sample ID: CS-7 (2.0')

Lab Sample ID: 880-24618-7

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/13/23 11:22	02/14/23 00:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/13/23 11:22	02/14/23 00:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/13/23 11:22	02/14/23 00:42	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/13/23 11:22	02/14/23 00:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/13/23 11:22	02/14/23 00:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/13/23 11:22	02/14/23 00:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				02/13/23 11:22	02/14/23 00:42	1
1,4-Difluorobenzene (Surr)	90		70 - 130				02/13/23 11:22	02/14/23 00:42	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/14/23 11:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/14/23 09:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/13/23 10:04	02/14/23 00:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/13/23 10:04	02/14/23 00:29	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24618-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-7 (2.0')

Lab Sample ID: 880-24618-7

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/13/23 10:04	02/14/23 00:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				02/13/23 10:04	02/14/23 00:29	1
o-Terphenyl	76		70 - 130				02/13/23 10:04	02/14/23 00:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.80		4.97		mg/Kg			02/13/23 18:23	1

Client Sample ID: CS-8 (2.0')

Lab Sample ID: 880-24618-8

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/13/23 11:22	02/14/23 01:02	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/13/23 11:22	02/14/23 01:02	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/13/23 11:22	02/14/23 01:02	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/13/23 11:22	02/14/23 01:02	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/13/23 11:22	02/14/23 01:02	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/13/23 11:22	02/14/23 01:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				02/13/23 11:22	02/14/23 01:02	1
1,4-Difluorobenzene (Surr)	91		70 - 130				02/13/23 11:22	02/14/23 01:02	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/14/23 11:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/14/23 09:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/13/23 10:04	02/14/23 00:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/13/23 10:04	02/14/23 00:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/13/23 10:04	02/14/23 00:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	63	S1-	70 - 130				02/13/23 10:04	02/14/23 00:50	1
o-Terphenyl	65	S1-	70 - 130				02/13/23 10:04	02/14/23 00:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	757		4.99		mg/Kg			02/13/23 18:28	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24618-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-9 (1.0')

Lab Sample ID: 880-24618-9

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/13/23 11:22	02/14/23 01:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/13/23 11:22	02/14/23 01:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/13/23 11:22	02/14/23 01:23	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/13/23 11:22	02/14/23 01:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/13/23 11:22	02/14/23 01:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/13/23 11:22	02/14/23 01:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	02/13/23 11:22	02/14/23 01:23	1
1,4-Difluorobenzene (Surr)	88		70 - 130	02/13/23 11:22	02/14/23 01:23	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/14/23 11:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/14/23 09:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/13/23 10:04	02/14/23 01:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/13/23 10:04	02/14/23 01:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/13/23 10:04	02/14/23 01:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130	02/13/23 10:04	02/14/23 01:11	1
o-Terphenyl	75		70 - 130	02/13/23 10:04	02/14/23 01:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.5		5.02		mg/Kg			02/13/23 18:33	1

Client Sample ID: CS-10 (1.0')

Lab Sample ID: 880-24618-10

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/13/23 11:22	02/14/23 01:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/23 11:22	02/14/23 01:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/13/23 11:22	02/14/23 01:43	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/13/23 11:22	02/14/23 01:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/23 11:22	02/14/23 01:43	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/13/23 11:22	02/14/23 01:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	02/13/23 11:22	02/14/23 01:43	1
1,4-Difluorobenzene (Surr)	62	S1-	70 - 130	02/13/23 11:22	02/14/23 01:43	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24618-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-10 (1.0')

Lab Sample ID: 880-24618-10

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/14/23 11:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/14/23 09:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/13/23 10:04	02/14/23 01:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/13/23 10:04	02/14/23 01:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/13/23 10:04	02/14/23 01:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130				02/13/23 10:04	02/14/23 01:32	1
o-Terphenyl	68	S1-	70 - 130				02/13/23 10:04	02/14/23 01:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95		mg/Kg			02/13/23 18:37	1

Client Sample ID: CS-11 (1.0')

Lab Sample ID: 880-24618-11

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/13/23 11:22	02/14/23 03:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/13/23 11:22	02/14/23 03:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/13/23 11:22	02/14/23 03:06	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/13/23 11:22	02/14/23 03:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/13/23 11:22	02/14/23 03:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/13/23 11:22	02/14/23 03:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	69	S1-	70 - 130				02/13/23 11:22	02/14/23 03:06	1
1,4-Difluorobenzene (Surr)	90		70 - 130				02/13/23 11:22	02/14/23 03:06	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/14/23 11:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/14/23 09:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/13/23 10:04	02/14/23 02:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/13/23 10:04	02/14/23 02:15	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24618-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-11 (1.0')

Lab Sample ID: 880-24618-11

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/13/23 10:04	02/14/23 02:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				02/13/23 10:04	02/14/23 02:15	1
o-Terphenyl	72		70 - 130				02/13/23 10:04	02/14/23 02:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.01	U	5.01		mg/Kg			02/13/23 18:42	1

Client Sample ID: CS-12 (1.0')

Lab Sample ID: 880-24618-12

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/13/23 11:22	02/14/23 03:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/13/23 11:22	02/14/23 03:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/13/23 11:22	02/14/23 03:26	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/13/23 11:22	02/14/23 03:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/13/23 11:22	02/14/23 03:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/13/23 11:22	02/14/23 03:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				02/13/23 11:22	02/14/23 03:26	1
1,4-Difluorobenzene (Surr)	93		70 - 130				02/13/23 11:22	02/14/23 03:26	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/14/23 11:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/14/23 09:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/13/23 10:04	02/14/23 02:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/13/23 10:04	02/14/23 02:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/13/23 10:04	02/14/23 02:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	57	S1-	70 - 130				02/13/23 10:04	02/14/23 02:36	1
o-Terphenyl	61	S1-	70 - 130				02/13/23 10:04	02/14/23 02:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.11		4.97		mg/Kg			02/13/23 18:47	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24618-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-13 (1.0')

Lab Sample ID: 880-24618-13

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/13/23 11:22	02/14/23 03:47	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/13/23 11:22	02/14/23 03:47	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/13/23 11:22	02/14/23 03:47	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/13/23 11:22	02/14/23 03:47	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/13/23 11:22	02/14/23 03:47	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/13/23 11:22	02/14/23 03:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	02/13/23 11:22	02/14/23 03:47	1
1,4-Difluorobenzene (Surr)	93		70 - 130	02/13/23 11:22	02/14/23 03:47	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/14/23 11:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/14/23 09:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/13/23 10:04	02/14/23 02:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/13/23 10:04	02/14/23 02:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/13/23 10:04	02/14/23 02:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130	02/13/23 10:04	02/14/23 02:57	1
o-Terphenyl	79		70 - 130	02/13/23 10:04	02/14/23 02:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			02/13/23 19:01	1

Client Sample ID: CS-14 (1.0')

Lab Sample ID: 880-24618-14

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/13/23 11:22	02/14/23 04:07	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/13/23 11:22	02/14/23 04:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/13/23 11:22	02/14/23 04:07	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/13/23 11:22	02/14/23 04:07	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/13/23 11:22	02/14/23 04:07	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/13/23 11:22	02/14/23 04:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	02/13/23 11:22	02/14/23 04:07	1
1,4-Difluorobenzene (Surr)	68	S1-	70 - 130	02/13/23 11:22	02/14/23 04:07	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24618-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-14 (1.0')

Lab Sample ID: 880-24618-14

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/14/23 11:01	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			02/14/23 09:57	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		02/13/23 10:04	02/14/23 03:19	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/13/23 10:04	02/14/23 03:19	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/13/23 10:04	02/14/23 03:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	64	S1-	70 - 130				02/13/23 10:04	02/14/23 03:19	1
o-Terphenyl	69	S1-	70 - 130				02/13/23 10:04	02/14/23 03:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.63		4.99		mg/Kg			02/13/23 19:05	1

Client Sample ID: SW-1 (1.0')

Lab Sample ID: 880-24618-15

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/13/23 11:22	02/14/23 04:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/13/23 11:22	02/14/23 04:28	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/13/23 11:22	02/14/23 04:28	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/13/23 11:22	02/14/23 04:28	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/13/23 11:22	02/14/23 04:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/13/23 11:22	02/14/23 04:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				02/13/23 11:22	02/14/23 04:28	1
1,4-Difluorobenzene (Surr)	89		70 - 130				02/13/23 11:22	02/14/23 04:28	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/14/23 11:01	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			02/14/23 09:57	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		02/13/23 10:04	02/14/23 03:40	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/13/23 10:04	02/14/23 03:40	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24618-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-1 (1.0')

Lab Sample ID: 880-24618-15

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/13/23 10:04	02/14/23 03:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				02/13/23 10:04	02/14/23 03:40	1
o-Terphenyl	73		70 - 130				02/13/23 10:04	02/14/23 03:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.2		4.95		mg/Kg			02/13/23 19:19	1

Client Sample ID: SW-2 (1.0')

Lab Sample ID: 880-24618-16

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/13/23 11:22	02/14/23 04:48	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/13/23 11:22	02/14/23 04:48	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/13/23 11:22	02/14/23 04:48	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/13/23 11:22	02/14/23 04:48	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/13/23 11:22	02/14/23 04:48	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/13/23 11:22	02/14/23 04:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	48	S1-	70 - 130				02/13/23 11:22	02/14/23 04:48	1
1,4-Difluorobenzene (Surr)	76		70 - 130				02/13/23 11:22	02/14/23 04:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/14/23 11:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/14/23 09:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/13/23 10:04	02/14/23 04:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/13/23 10:04	02/14/23 04:01	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/13/23 10:04	02/14/23 04:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				02/13/23 10:04	02/14/23 04:01	1
o-Terphenyl	73		70 - 130				02/13/23 10:04	02/14/23 04:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.75		4.95		mg/Kg			02/13/23 19:24	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24618-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-3 (1.0')

Lab Sample ID: 880-24618-17

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/13/23 11:22	02/14/23 05:08	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/13/23 11:22	02/14/23 05:08	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/13/23 11:22	02/14/23 05:08	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/13/23 11:22	02/14/23 05:08	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/13/23 11:22	02/14/23 05:08	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/13/23 11:22	02/14/23 05:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	57	S1-	70 - 130	02/13/23 11:22	02/14/23 05:08	1
1,4-Difluorobenzene (Surr)	96		70 - 130	02/13/23 11:22	02/14/23 05:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/14/23 11:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/14/23 09:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/13/23 10:04	02/14/23 04:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/13/23 10:04	02/14/23 04:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/13/23 10:04	02/14/23 04:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130	02/13/23 10:04	02/14/23 04:22	1
o-Terphenyl	72		70 - 130	02/13/23 10:04	02/14/23 04:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.14		4.97		mg/Kg			02/13/23 19:28	1

Client Sample ID: SW-4 (1.0')

Lab Sample ID: 880-24618-18

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/13/23 11:22	02/14/23 05:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/13/23 11:22	02/14/23 05:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/13/23 11:22	02/14/23 05:29	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/13/23 11:22	02/14/23 05:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/13/23 11:22	02/14/23 05:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/13/23 11:22	02/14/23 05:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	02/13/23 11:22	02/14/23 05:29	1
1,4-Difluorobenzene (Surr)	86		70 - 130	02/13/23 11:22	02/14/23 05:29	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24618-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-4 (1.0')

Lab Sample ID: 880-24618-18

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/14/23 11:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/14/23 09:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/13/23 10:04	02/14/23 04:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/13/23 10:04	02/14/23 04:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/13/23 10:04	02/14/23 04:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130				02/13/23 10:04	02/14/23 04:43	1
o-Terphenyl	70		70 - 130				02/13/23 10:04	02/14/23 04:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.04	U	5.04		mg/Kg			02/13/23 19:33	1

Client Sample ID: SW-5 (1.0')

Lab Sample ID: 880-24618-19

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/13/23 11:22	02/14/23 05:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/23 11:22	02/14/23 05:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/13/23 11:22	02/14/23 05:49	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/13/23 11:22	02/14/23 05:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/23 11:22	02/14/23 05:49	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/13/23 11:22	02/14/23 05:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				02/13/23 11:22	02/14/23 05:49	1
1,4-Difluorobenzene (Surr)	88		70 - 130				02/13/23 11:22	02/14/23 05:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/14/23 11:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/14/23 09:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/13/23 10:04	02/14/23 05:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/13/23 10:04	02/14/23 05:04	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24618-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-5 (1.0')

Lab Sample ID: 880-24618-19

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/13/23 10:04	02/14/23 05:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	66	S1-	70 - 130				02/13/23 10:04	02/14/23 05:04	1
o-Terphenyl	63	S1-	70 - 130				02/13/23 10:04	02/14/23 05:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			02/13/23 19:38	1

Client Sample ID: SW-6 (1.0')

Lab Sample ID: 880-24618-20

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/13/23 11:22	02/14/23 06:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/13/23 11:22	02/14/23 06:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/13/23 11:22	02/14/23 06:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/13/23 11:22	02/14/23 06:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/13/23 11:22	02/14/23 06:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/13/23 11:22	02/14/23 06:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				02/13/23 11:22	02/14/23 06:10	1
1,4-Difluorobenzene (Surr)	91		70 - 130				02/13/23 11:22	02/14/23 06:10	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			02/14/23 11:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/14/23 09:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/13/23 10:04	02/14/23 05:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/13/23 10:04	02/14/23 05:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/13/23 10:04	02/14/23 05:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	65	S1-	70 - 130				02/13/23 10:04	02/14/23 05:26	1
o-Terphenyl	66	S1-	70 - 130				02/13/23 10:04	02/14/23 05:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.96	U	4.96		mg/Kg			02/13/23 19:42	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24618-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-7 (1.0')

Lab Sample ID: 880-24618-21

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/13/23 11:50	02/14/23 00:07	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/13/23 11:50	02/14/23 00:07	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/13/23 11:50	02/14/23 00:07	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/13/23 11:50	02/14/23 00:07	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/13/23 11:50	02/14/23 00:07	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/13/23 11:50	02/14/23 00:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	02/13/23 11:50	02/14/23 00:07	1
1,4-Difluorobenzene (Surr)	110		70 - 130	02/13/23 11:50	02/14/23 00:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/14/23 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/15/23 08:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/13/23 10:08	02/15/23 01:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/13/23 10:08	02/15/23 01:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/13/23 10:08	02/15/23 01:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130	02/13/23 10:08	02/15/23 01:00	1
o-Terphenyl	84		70 - 130	02/13/23 10:08	02/15/23 01:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	276		4.96		mg/Kg			02/13/23 19:47	1

Client Sample ID: SW-8 (1.0')

Lab Sample ID: 880-24618-22

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/13/23 11:50	02/14/23 00:27	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/13/23 11:50	02/14/23 00:27	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/13/23 11:50	02/14/23 00:27	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/13/23 11:50	02/14/23 00:27	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/13/23 11:50	02/14/23 00:27	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/13/23 11:50	02/14/23 00:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	02/13/23 11:50	02/14/23 00:27	1
1,4-Difluorobenzene (Surr)	104		70 - 130	02/13/23 11:50	02/14/23 00:27	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24618-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-8 (1.0')

Lab Sample ID: 880-24618-22

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

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			02/14/23 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/15/23 08:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/13/23 10:08	02/15/23 01:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/13/23 10:08	02/15/23 01:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/13/23 10:08	02/15/23 01:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130				02/13/23 10:08	02/15/23 01:22	1
o-Terphenyl	76		70 - 130				02/13/23 10:08	02/15/23 01:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	419		5.01		mg/Kg			02/14/23 01:04	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24618-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
880-24618-1	CS-1 (2.0')	83	87
880-24618-1 MS	CS-1 (2.0')	121	100
880-24618-1 MSD	CS-1 (2.0')	129	101
880-24618-2	CS-2 (2.0')	71	82
880-24618-3	CS-3 (2.0')	96	85
880-24618-4	CS-4 (2.0')	92	91
880-24618-5	CS-5 (2.0')	96	86
880-24618-6	CS-6 (2.0')	85	65 S1-
880-24618-7	CS-7 (2.0')	92	90
880-24618-8	CS-8 (2.0')	102	91
880-24618-9	CS-9 (1.0')	96	88
880-24618-10	CS-10 (1.0')	90	62 S1-
880-24618-11	CS-11 (1.0')	69 S1-	90
880-24618-12	CS-12 (1.0')	90	93
880-24618-13	CS-13 (1.0')	92	93
880-24618-14	CS-14 (1.0')	90	68 S1-
880-24618-15	SW-1 (1.0')	92	89
880-24618-16	SW-2 (1.0')	48 S1-	76
880-24618-17	SW-3 (1.0')	57 S1-	96
880-24618-18	SW-4 (1.0')	99	86
880-24618-19	SW-5 (1.0')	97	88
880-24618-20	SW-6 (1.0')	89	91
880-24618-21	SW-7 (1.0')	119	110
880-24618-21 MS	SW-7 (1.0')	109	106
880-24618-21 MSD	SW-7 (1.0')	112	110
880-24618-22	SW-8 (1.0')	121	104
LCS 880-46085/1-A	Lab Control Sample	107	108
LCS 880-46127/1-A	Lab Control Sample	112	107
LCSD 880-46085/2-A	Lab Control Sample Dup	107	108
LCSD 880-46127/2-A	Lab Control Sample Dup	102	103
MB 880-46013/5-A	Method Blank	112	105
MB 880-46084/5-A	Method Blank	75	92
MB 880-46085/5-A	Method Blank	110	105
MB 880-46127/5-A	Method Blank	80	89
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1	OTPH1
		(70-130)	(70-130)
880-24617-A-1-C MS	Matrix Spike	96	95
880-24617-A-1-D MSD	Matrix Spike Duplicate	88	87
880-24618-1	CS-1 (2.0')	78	80
880-24618-1 MS	CS-1 (2.0')	72	71
880-24618-1 MSD	CS-1 (2.0')	68 S1-	67 S1-

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Surrogate Summary

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24618-1
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)
880-24618-2	CS-2 (2.0')	73	78
880-24618-3	CS-3 (2.0')	73	72
880-24618-4	CS-4 (2.0')	73	73
880-24618-5	CS-5 (2.0')	70	70
880-24618-6	CS-6 (2.0')	62 S1-	66 S1-
880-24618-7	CS-7 (2.0')	73	76
880-24618-8	CS-8 (2.0')	63 S1-	65 S1-
880-24618-9	CS-9 (1.0')	79	75
880-24618-10	CS-10 (1.0')	68 S1-	68 S1-
880-24618-11	CS-11 (1.0')	73	72
880-24618-12	CS-12 (1.0')	57 S1-	61 S1-
880-24618-13	CS-13 (1.0')	75	79
880-24618-14	CS-14 (1.0')	64 S1-	69 S1-
880-24618-15	SW-1 (1.0')	75	73
880-24618-16	SW-2 (1.0')	70	73
880-24618-17	SW-3 (1.0')	74	72
880-24618-18	SW-4 (1.0')	71	70
880-24618-19	SW-5 (1.0')	66 S1-	63 S1-
880-24618-20	SW-6 (1.0')	65 S1-	66 S1-
880-24618-21	SW-7 (1.0')	77	84
880-24618-22	SW-8 (1.0')	72	76
LCS 880-46104/2-A	Lab Control Sample	78	92
LCS 880-46105/2-A	Lab Control Sample	86	90
LCSD 880-46104/3-A	Lab Control Sample Dup	79	94
LCSD 880-46105/3-A	Lab Control Sample Dup	88	94
MB 880-46104/1-A	Method Blank	67 S1-	79
MB 880-46105/1-A	Method Blank	92	101

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24618-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-46013/5-A

Matrix: Solid

Analysis Batch: 46089

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 46013

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/10/23 14:48	02/13/23 12:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/10/23 14:48	02/13/23 12:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/10/23 14:48	02/13/23 12:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/10/23 14:48	02/13/23 12:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/10/23 14:48	02/13/23 12:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/10/23 14:48	02/13/23 12:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	02/10/23 14:48	02/13/23 12:02	1
1,4-Difluorobenzene (Surr)	105		70 - 130	02/10/23 14:48	02/13/23 12:02	1

Lab Sample ID: MB 880-46084/5-A

Matrix: Solid

Analysis Batch: 46087

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 46084

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/13/23 08:16	02/13/23 11:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/23 08:16	02/13/23 11:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/13/23 08:16	02/13/23 11:41	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/13/23 08:16	02/13/23 11:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/23 08:16	02/13/23 11:41	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/13/23 08:16	02/13/23 11:41	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	75		70 - 130	02/13/23 08:16	02/13/23 11:41	1
1,4-Difluorobenzene (Surr)	92		70 - 130	02/13/23 08:16	02/13/23 11:41	1

Lab Sample ID: MB 880-46085/5-A

Matrix: Solid

Analysis Batch: 46089

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 46085

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/13/23 11:50	02/13/23 23:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/23 11:50	02/13/23 23:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/13/23 11:50	02/13/23 23:38	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/13/23 11:50	02/13/23 23:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/23 11:50	02/13/23 23:38	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/13/23 11:50	02/13/23 23:38	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	02/13/23 11:50	02/13/23 23:38	1
1,4-Difluorobenzene (Surr)	105		70 - 130	02/13/23 11:50	02/13/23 23:38	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24618-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-46085/1-A

Matrix: Solid

Analysis Batch: 46089

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 46085

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09515		mg/Kg		95	70 - 130
Toluene	0.100	0.08997		mg/Kg		90	70 - 130
Ethylbenzene	0.100	0.09006		mg/Kg		90	70 - 130
m-Xylene & p-Xylene	0.200	0.1873		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09144		mg/Kg		91	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: LCSD 880-46085/2-A

Matrix: Solid

Analysis Batch: 46089

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 46085

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09442		mg/Kg		94	70 - 130	1	35
Toluene	0.100	0.09166		mg/Kg		92	70 - 130	2	35
Ethylbenzene	0.100	0.09050		mg/Kg		90	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.1904		mg/Kg		95	70 - 130	2	35
o-Xylene	0.100	0.09389		mg/Kg		94	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: 880-24618-21 MS

Matrix: Solid

Analysis Batch: 46089

Client Sample ID: SW-7 (1.0')

Prep Type: Total/NA

Prep Batch: 46085

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.100	0.08589		mg/Kg		86	70 - 130
Toluene	<0.00201	U	0.100	0.08314		mg/Kg		83	70 - 130
Ethylbenzene	<0.00201	U	0.100	0.08043		mg/Kg		80	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.201	0.1684		mg/Kg		84	70 - 130
o-Xylene	<0.00201	U	0.100	0.08165		mg/Kg		81	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 880-24618-21 MSD

Matrix: Solid

Analysis Batch: 46089

Client Sample ID: SW-7 (1.0')

Prep Type: Total/NA

Prep Batch: 46085

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0990	0.08721		mg/Kg		88	70 - 130	2	35
Toluene	<0.00201	U	0.0990	0.08413		mg/Kg		85	70 - 130	1	35
Ethylbenzene	<0.00201	U	0.0990	0.08051		mg/Kg		81	70 - 130	0	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24618-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-24618-21 MSD

Matrix: Solid

Analysis Batch: 46089

Client Sample ID: SW-7 (1.0')

Prep Type: Total/NA

Prep Batch: 46085

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00402	U	0.198	0.1686		mg/Kg		85	70 - 130	0	35
o-Xylene	<0.00201	U	0.0990	0.08128		mg/Kg		82	70 - 130	0	35
Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits								
4-Bromofluorobenzene (Surr)	112		70 - 130								
1,4-Difluorobenzene (Surr)	110		70 - 130								

Lab Sample ID: MB 880-46127/5-A

Matrix: Solid

Analysis Batch: 46087

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 46127

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		02/13/23 11:22	02/13/23 22:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/23 11:22	02/13/23 22:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/13/23 11:22	02/13/23 22:17	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/13/23 11:22	02/13/23 22:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/23 11:22	02/13/23 22:17	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/13/23 11:22	02/13/23 22:17	1
	MB	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130				02/13/23 11:22	02/13/23 22:17	1
1,4-Difluorobenzene (Surr)	89		70 - 130				02/13/23 11:22	02/13/23 22:17	1

Lab Sample ID: LCS 880-46127/1-A

Matrix: Solid

Analysis Batch: 46087

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 46127

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	Limits		
Benzene	0.100	0.1033		mg/Kg		103		70 - 130		
Toluene	0.100	0.09670		mg/Kg		97		70 - 130		
Ethylbenzene	0.100	0.09925		mg/Kg		99		70 - 130		
m-Xylene & p-Xylene	0.200	0.2089		mg/Kg		104		70 - 130		
o-Xylene	0.100	0.1258		mg/Kg		126		70 - 130		

Lab Sample ID: LCSD 880-46127/2-A

Matrix: Solid

Analysis Batch: 46087

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 46127

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09037		mg/Kg		90	70 - 130	13	35
Toluene	0.100	0.09046		mg/Kg		90	70 - 130	7	35
Ethylbenzene	0.100	0.09224		mg/Kg		92	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.1923		mg/Kg		96	70 - 130	8	35
o-Xylene	0.100	0.1062		mg/Kg		106	70 - 130	17	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24618-1
SDG: Eddy County, New Mexico

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

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

Lab Sample ID: 880-24618-1 MS

Matrix: Solid

Analysis Batch: 46087

Client Sample ID: CS-1 (2.0')

Prep Type: Total/NA

Prep Batch: 46127

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00202	U	0.100	0.08486		mg/Kg		85	70 - 130	
Toluene	<0.00202	U F1	0.100	0.07828		mg/Kg		78	70 - 130	
Ethylbenzene	<0.00202	U	0.100	0.08898		mg/Kg		89	70 - 130	
m-Xylene & p-Xylene	<0.00403	U	0.201	0.1807		mg/Kg		90	70 - 130	
o-Xylene	<0.00202	U	0.100	0.1056		mg/Kg		105	70 - 130	

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	121		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-24618-1 MSD

Matrix: Solid

Analysis Batch: 46087

Client Sample ID: CS-1 (2.0')

Prep Type: Total/NA

Prep Batch: 46127

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	<0.00202	U	0.0990	0.07255		mg/Kg		73	70 - 130	16	35	
Toluene	<0.00202	U F1	0.0990	0.06871	F1	mg/Kg		69	70 - 130	13	35	
Ethylbenzene	<0.00202	U	0.0990	0.08609		mg/Kg		87	70 - 130	3	35	
m-Xylene & p-Xylene	<0.00403	U	0.198	0.1712		mg/Kg		86	70 - 130	5	35	
o-Xylene	<0.00202	U	0.0990	0.09848		mg/Kg		99	70 - 130	7	35	

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	129		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

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

Lab Sample ID: MB 880-46104/1-A

Matrix: Solid

Analysis Batch: 46076

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 46104

	MB	MB									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/13/23 10:04	02/13/23 20:29		1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/13/23 10:04	02/13/23 20:29		1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/13/23 10:04	02/13/23 20:29		1	

	MB	MB									
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac				
1-Chlorooctane	67	S1-	70 - 130	02/13/23 10:04	02/13/23 20:29		1				
o-Terphenyl	79		70 - 130	02/13/23 10:04	02/13/23 20:29		1				

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24618-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-46104/2-A

Matrix: Solid

Analysis Batch: 46076

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 46104

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec		
			Added	Result	Qualifier			Limits			
Gasoline Range Organics (GRO)-C6-C10			1000	918.7		mg/Kg		92	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	889.2		mg/Kg		89	70 - 130		
		LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	78		70 - 130								
o-Terphenyl	92		70 - 130								

Lab Sample ID: LCSD 880-46104/3-A

Matrix: Solid

Analysis Batch: 46076

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 46104

			Spike	LCSD	LCSD				%Rec	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	949.9		mg/Kg		95	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	904.4		mg/Kg		90	70 - 130	2	20

Lab Sample ID: 880-24618-1 MS

Matrix: Solid

Analysis Batch: 46076

Client Sample ID: CS-1 (2.0')

Prep Type: Total/NA

Prep Batch: 46104

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	1008		mg/Kg		97	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	837.2		mg/Kg		84	70 - 130		

Lab Sample ID: 880-24618-1 MSD

Matrix: Solid

Analysis Batch: 46076

Client Sample ID: CS-1 (2.0')

Prep Type: Total/NA

Prep Batch: 46104

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	928.1		mg/Kg		89	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	789.3		mg/Kg		79	70 - 130	6	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	68	S1-	70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24618-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-24618-1 MSD

Matrix: Solid

Analysis Batch: 46076

Client Sample ID: CS-1 (2.0')

Prep Type: Total/NA

Prep Batch: 46104

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	67	S1-	70 - 130

Lab Sample ID: MB 880-46105/1-A

Matrix: Solid

Analysis Batch: 46267

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 46105

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/13/23 10:08	02/14/23 20:36	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/13/23 10:08	02/14/23 20:36	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/13/23 10:08	02/14/23 20:36	1	
	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
1-Chlorooctane	92		70 - 130				02/13/23 10:08	02/14/23 20:36	1	
<i>o</i> -Terphenyl	101		70 - 130				02/13/23 10:08	02/14/23 20:36	1	

Lab Sample ID: LCS 880-46105/2-A

Matrix: Solid

Analysis Batch: 46267

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 46105

		Spike	LCS	LCS				%Rec		
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10		1000	870.3		mg/Kg		87	70 - 130		
Diesel Range Organics (Over C10-C28)		1000	850.0		mg/Kg		85	70 - 130		
	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	86		70 - 130							
<i>o</i> -Terphenyl	90		70 - 130							

Lab Sample ID: LCSD 880-46105/3-A

Matrix: Solid

Analysis Batch: 46267

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 46105

		Spike	LCSD	LCSD				%Rec		RPD	
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10		1000	812.0		mg/Kg		81	70 - 130	7	20	
Diesel Range Organics (Over C10-C28)		1000	829.9		mg/Kg		83	70 - 130	2	20	
	LCSD	LCSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	88		70 - 130								
<i>o</i> -Terphenyl	94		70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24618-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-24617-A-1-C MS

Matrix: Solid

Analysis Batch: 46267

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 46105

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	1048		mg/Kg		100	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	1136		mg/Kg		111	70 - 130		
	MS %Recovery	MS Qualifier									
Surrogate			Limits								
1-Chlorooctane	96		70 - 130								
o-Terphenyl	95		70 - 130								

Lab Sample ID: 880-24617-A-1-D MSD

Matrix: Solid

Analysis Batch: 46267

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 46105

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	1000	973.2		mg/Kg		93	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	1036		mg/Kg		102	70 - 130	9	20
	MSD %Recovery	MSD Qualifier									
Surrogate			Limits								
1-Chlorooctane	88		70 - 130								
o-Terphenyl	87		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-46100/1-A

Matrix: Solid

Analysis Batch: 46159

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			02/13/23 17:27	1

Lab Sample ID: LCS 880-46100/2-A

Matrix: Solid

Analysis Batch: 46159

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	243.6		mg/Kg		97	90 - 110		

Lab Sample ID: LCSD 880-46100/3-A

Matrix: Solid

Analysis Batch: 46159

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	242.8		mg/Kg		97	90 - 110	0	20

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24618-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-24618-1 MS

Matrix: Solid

Analysis Batch: 46159

Client Sample ID: CS-1 (2.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	<4.98	U	249	259.1		mg/Kg		103	90 - 110		

Lab Sample ID: 880-24618-1 MSD

Matrix: Solid

Analysis Batch: 46159

Client Sample ID: CS-1 (2.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<4.98	U	249	257.7		mg/Kg		102	90 - 110	1	20

Lab Sample ID: 880-24618-12 MS

Matrix: Solid

Analysis Batch: 46159

Client Sample ID: CS-12 (1.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	5.11		249	234.4		mg/Kg		92	90 - 110		

Lab Sample ID: 880-24618-12 MSD

Matrix: Solid

Analysis Batch: 46159

Client Sample ID: CS-12 (1.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	5.11		249	232.7		mg/Kg		92	90 - 110	1	20

Lab Sample ID: MB 880-46142/1-A

Matrix: Solid

Analysis Batch: 46175

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			02/13/23 22:53	1

Lab Sample ID: LCS 880-46142/2-A

Matrix: Solid

Analysis Batch: 46175

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte		Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride		250	242.1		mg/Kg		97	90 - 110		

Lab Sample ID: LCSD 880-46142/3-A

Matrix: Solid

Analysis Batch: 46175

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	246.6		mg/Kg		99	90 - 110	2	20

Lab Sample ID: 890-4081-A-11-B MS

Matrix: Solid

Analysis Batch: 46175

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	583	F1	248	805.2		mg/Kg		90	90 - 110		

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QC Sample Results

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24618-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-4081-A-11-C MSD					Client Sample ID: Matrix Spike Duplicate							
Matrix: Solid					Prep Type: Soluble							
Analysis Batch: 46175												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	583	F1	248	801.0	F1	mg/Kg		88	90 - 110	1	20	

QC Association Summary

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24618-1
SDG: Eddy County, New Mexico

GC VOA

Prep Batch: 46013

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-46013/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 46084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-46084/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 46085

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24618-21	SW-7 (1.0')	Total/NA	Solid	5035	
880-24618-22	SW-8 (1.0')	Total/NA	Solid	5035	
MB 880-46085/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-46085/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-46085/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-24618-21 MS	SW-7 (1.0')	Total/NA	Solid	5035	
880-24618-21 MSD	SW-7 (1.0')	Total/NA	Solid	5035	

Analysis Batch: 46087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24618-1	CS-1 (2.0')	Total/NA	Solid	8021B	46127
880-24618-2	CS-2 (2.0')	Total/NA	Solid	8021B	46127
880-24618-3	CS-3 (2.0')	Total/NA	Solid	8021B	46127
880-24618-4	CS-4 (2.0')	Total/NA	Solid	8021B	46127
880-24618-5	CS-5 (2.0')	Total/NA	Solid	8021B	46127
880-24618-6	CS-6 (2.0')	Total/NA	Solid	8021B	46127
880-24618-7	CS-7 (2.0')	Total/NA	Solid	8021B	46127
880-24618-8	CS-8 (2.0')	Total/NA	Solid	8021B	46127
880-24618-9	CS-9 (1.0')	Total/NA	Solid	8021B	46127
880-24618-10	CS-10 (1.0')	Total/NA	Solid	8021B	46127
880-24618-11	CS-11 (1.0')	Total/NA	Solid	8021B	46127
880-24618-12	CS-12 (1.0')	Total/NA	Solid	8021B	46127
880-24618-13	CS-13 (1.0')	Total/NA	Solid	8021B	46127
880-24618-14	CS-14 (1.0')	Total/NA	Solid	8021B	46127
880-24618-15	SW-1 (1.0')	Total/NA	Solid	8021B	46127
880-24618-16	SW-2 (1.0')	Total/NA	Solid	8021B	46127
880-24618-17	SW-3 (1.0')	Total/NA	Solid	8021B	46127
880-24618-18	SW-4 (1.0')	Total/NA	Solid	8021B	46127
880-24618-19	SW-5 (1.0')	Total/NA	Solid	8021B	46127
880-24618-20	SW-6 (1.0')	Total/NA	Solid	8021B	46127
MB 880-46084/5-A	Method Blank	Total/NA	Solid	8021B	46084
MB 880-46127/5-A	Method Blank	Total/NA	Solid	8021B	46127
LCS 880-46127/1-A	Lab Control Sample	Total/NA	Solid	8021B	46127
LCSD 880-46127/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	46127
880-24618-1 MS	CS-1 (2.0')	Total/NA	Solid	8021B	46127
880-24618-1 MSD	CS-1 (2.0')	Total/NA	Solid	8021B	46127

Analysis Batch: 46089

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24618-21	SW-7 (1.0')	Total/NA	Solid	8021B	46085
880-24618-22	SW-8 (1.0')	Total/NA	Solid	8021B	46085
MB 880-46013/5-A	Method Blank	Total/NA	Solid	8021B	46013
MB 880-46085/5-A	Method Blank	Total/NA	Solid	8021B	46085

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QC Association Summary

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24618-1
SDG: Eddy County, New Mexico

GC VOA (Continued)

Analysis Batch: 46089 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-46085/1-A	Lab Control Sample	Total/NA	Solid	8021B	46085
LCSD 880-46085/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	46085
880-24618-21 MS	SW-7 (1.0')	Total/NA	Solid	8021B	46085
880-24618-21 MSD	SW-7 (1.0')	Total/NA	Solid	8021B	46085

Prep Batch: 46127

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24618-1	CS-1 (2.0')	Total/NA	Solid	5035	
880-24618-2	CS-2 (2.0')	Total/NA	Solid	5035	
880-24618-3	CS-3 (2.0')	Total/NA	Solid	5035	
880-24618-4	CS-4 (2.0')	Total/NA	Solid	5035	
880-24618-5	CS-5 (2.0')	Total/NA	Solid	5035	
880-24618-6	CS-6 (2.0')	Total/NA	Solid	5035	
880-24618-7	CS-7 (2.0')	Total/NA	Solid	5035	
880-24618-8	CS-8 (2.0')	Total/NA	Solid	5035	
880-24618-9	CS-9 (1.0')	Total/NA	Solid	5035	
880-24618-10	CS-10 (1.0')	Total/NA	Solid	5035	
880-24618-11	CS-11 (1.0')	Total/NA	Solid	5035	
880-24618-12	CS-12 (1.0')	Total/NA	Solid	5035	
880-24618-13	CS-13 (1.0')	Total/NA	Solid	5035	
880-24618-14	CS-14 (1.0')	Total/NA	Solid	5035	
880-24618-15	SW-1 (1.0')	Total/NA	Solid	5035	
880-24618-16	SW-2 (1.0')	Total/NA	Solid	5035	
880-24618-17	SW-3 (1.0')	Total/NA	Solid	5035	
880-24618-18	SW-4 (1.0')	Total/NA	Solid	5035	
880-24618-19	SW-5 (1.0')	Total/NA	Solid	5035	
880-24618-20	SW-6 (1.0')	Total/NA	Solid	5035	
MB 880-46127/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-46127/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-46127/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-24618-1 MS	CS-1 (2.0')	Total/NA	Solid	5035	
880-24618-1 MSD	CS-1 (2.0')	Total/NA	Solid	5035	

Analysis Batch: 46296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24618-1	CS-1 (2.0')	Total/NA	Solid	Total BTEX	
880-24618-2	CS-2 (2.0')	Total/NA	Solid	Total BTEX	
880-24618-3	CS-3 (2.0')	Total/NA	Solid	Total BTEX	
880-24618-4	CS-4 (2.0')	Total/NA	Solid	Total BTEX	
880-24618-5	CS-5 (2.0')	Total/NA	Solid	Total BTEX	
880-24618-6	CS-6 (2.0')	Total/NA	Solid	Total BTEX	
880-24618-7	CS-7 (2.0')	Total/NA	Solid	Total BTEX	
880-24618-8	CS-8 (2.0')	Total/NA	Solid	Total BTEX	
880-24618-9	CS-9 (1.0')	Total/NA	Solid	Total BTEX	
880-24618-10	CS-10 (1.0')	Total/NA	Solid	Total BTEX	
880-24618-11	CS-11 (1.0')	Total/NA	Solid	Total BTEX	
880-24618-12	CS-12 (1.0')	Total/NA	Solid	Total BTEX	
880-24618-13	CS-13 (1.0')	Total/NA	Solid	Total BTEX	
880-24618-14	CS-14 (1.0')	Total/NA	Solid	Total BTEX	
880-24618-15	SW-1 (1.0')	Total/NA	Solid	Total BTEX	
880-24618-16	SW-2 (1.0')	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24618-1
SDG: Eddy County, New Mexico

GC VOA (Continued)

Analysis Batch: 46296 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24618-17	SW-3 (1.0')	Total/NA	Solid	Total BTEX	
880-24618-18	SW-4 (1.0')	Total/NA	Solid	Total BTEX	
880-24618-19	SW-5 (1.0')	Total/NA	Solid	Total BTEX	
880-24618-20	SW-6 (1.0')	Total/NA	Solid	Total BTEX	
880-24618-21	SW-7 (1.0')	Total/NA	Solid	Total BTEX	
880-24618-22	SW-8 (1.0')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 46076

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24618-1	CS-1 (2.0')	Total/NA	Solid	8015B NM	46104
880-24618-2	CS-2 (2.0')	Total/NA	Solid	8015B NM	46104
880-24618-3	CS-3 (2.0')	Total/NA	Solid	8015B NM	46104
880-24618-4	CS-4 (2.0')	Total/NA	Solid	8015B NM	46104
880-24618-5	CS-5 (2.0')	Total/NA	Solid	8015B NM	46104
880-24618-6	CS-6 (2.0')	Total/NA	Solid	8015B NM	46104
880-24618-7	CS-7 (2.0')	Total/NA	Solid	8015B NM	46104
880-24618-8	CS-8 (2.0')	Total/NA	Solid	8015B NM	46104
880-24618-9	CS-9 (1.0')	Total/NA	Solid	8015B NM	46104
880-24618-10	CS-10 (1.0')	Total/NA	Solid	8015B NM	46104
880-24618-11	CS-11 (1.0')	Total/NA	Solid	8015B NM	46104
880-24618-12	CS-12 (1.0')	Total/NA	Solid	8015B NM	46104
880-24618-13	CS-13 (1.0')	Total/NA	Solid	8015B NM	46104
880-24618-14	CS-14 (1.0')	Total/NA	Solid	8015B NM	46104
880-24618-15	SW-1 (1.0')	Total/NA	Solid	8015B NM	46104
880-24618-16	SW-2 (1.0')	Total/NA	Solid	8015B NM	46104
880-24618-17	SW-3 (1.0')	Total/NA	Solid	8015B NM	46104
880-24618-18	SW-4 (1.0')	Total/NA	Solid	8015B NM	46104
880-24618-19	SW-5 (1.0')	Total/NA	Solid	8015B NM	46104
880-24618-20	SW-6 (1.0')	Total/NA	Solid	8015B NM	46104
MB 880-46104/1-A	Method Blank	Total/NA	Solid	8015B NM	46104
LCS 880-46104/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	46104
LCSD 880-46104/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	46104
880-24618-1 MS	CS-1 (2.0')	Total/NA	Solid	8015B NM	46104
880-24618-1 MSD	CS-1 (2.0')	Total/NA	Solid	8015B NM	46104

Prep Batch: 46104

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24618-1	CS-1 (2.0')	Total/NA	Solid	8015NM Prep	
880-24618-2	CS-2 (2.0')	Total/NA	Solid	8015NM Prep	
880-24618-3	CS-3 (2.0')	Total/NA	Solid	8015NM Prep	
880-24618-4	CS-4 (2.0')	Total/NA	Solid	8015NM Prep	
880-24618-5	CS-5 (2.0')	Total/NA	Solid	8015NM Prep	
880-24618-6	CS-6 (2.0')	Total/NA	Solid	8015NM Prep	
880-24618-7	CS-7 (2.0')	Total/NA	Solid	8015NM Prep	
880-24618-8	CS-8 (2.0')	Total/NA	Solid	8015NM Prep	
880-24618-9	CS-9 (1.0')	Total/NA	Solid	8015NM Prep	
880-24618-10	CS-10 (1.0')	Total/NA	Solid	8015NM Prep	
880-24618-11	CS-11 (1.0')	Total/NA	Solid	8015NM Prep	
880-24618-12	CS-12 (1.0')	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24618-1
SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 46104 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24618-13	CS-13 (1.0')	Total/NA	Solid	8015NM Prep	
880-24618-14	CS-14 (1.0')	Total/NA	Solid	8015NM Prep	
880-24618-15	SW-1 (1.0')	Total/NA	Solid	8015NM Prep	
880-24618-16	SW-2 (1.0')	Total/NA	Solid	8015NM Prep	
880-24618-17	SW-3 (1.0')	Total/NA	Solid	8015NM Prep	
880-24618-18	SW-4 (1.0')	Total/NA	Solid	8015NM Prep	
880-24618-19	SW-5 (1.0')	Total/NA	Solid	8015NM Prep	
880-24618-20	SW-6 (1.0')	Total/NA	Solid	8015NM Prep	
MB 880-46104/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-46104/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-46104/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-24618-1 MS	CS-1 (2.0')	Total/NA	Solid	8015NM Prep	
880-24618-1 MSD	CS-1 (2.0')	Total/NA	Solid	8015NM Prep	

Prep Batch: 46105

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24618-21	SW-7 (1.0')	Total/NA	Solid	8015NM Prep	
880-24618-22	SW-8 (1.0')	Total/NA	Solid	8015NM Prep	
MB 880-46105/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-46105/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-46105/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-24617-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-24617-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 46267

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24618-21	SW-7 (1.0')	Total/NA	Solid	8015B NM	46105
880-24618-22	SW-8 (1.0')	Total/NA	Solid	8015B NM	46105
MB 880-46105/1-A	Method Blank	Total/NA	Solid	8015B NM	46105
LCS 880-46105/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	46105
LCSD 880-46105/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	46105
880-24617-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	46105
880-24617-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	46105

Analysis Batch: 46285

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24618-1	CS-1 (2.0')	Total/NA	Solid	8015 NM	
880-24618-2	CS-2 (2.0')	Total/NA	Solid	8015 NM	
880-24618-3	CS-3 (2.0')	Total/NA	Solid	8015 NM	
880-24618-4	CS-4 (2.0')	Total/NA	Solid	8015 NM	
880-24618-5	CS-5 (2.0')	Total/NA	Solid	8015 NM	
880-24618-6	CS-6 (2.0')	Total/NA	Solid	8015 NM	
880-24618-7	CS-7 (2.0')	Total/NA	Solid	8015 NM	
880-24618-8	CS-8 (2.0')	Total/NA	Solid	8015 NM	
880-24618-9	CS-9 (1.0')	Total/NA	Solid	8015 NM	
880-24618-10	CS-10 (1.0')	Total/NA	Solid	8015 NM	
880-24618-11	CS-11 (1.0')	Total/NA	Solid	8015 NM	
880-24618-12	CS-12 (1.0')	Total/NA	Solid	8015 NM	
880-24618-13	CS-13 (1.0')	Total/NA	Solid	8015 NM	
880-24618-14	CS-14 (1.0')	Total/NA	Solid	8015 NM	
880-24618-15	SW-1 (1.0')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24618-1
SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 46285 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24618-16	SW-2 (1.0')	Total/NA	Solid	8015 NM	
880-24618-17	SW-3 (1.0')	Total/NA	Solid	8015 NM	
880-24618-18	SW-4 (1.0')	Total/NA	Solid	8015 NM	
880-24618-19	SW-5 (1.0')	Total/NA	Solid	8015 NM	
880-24618-20	SW-6 (1.0')	Total/NA	Solid	8015 NM	
880-24618-21	SW-7 (1.0')	Total/NA	Solid	8015 NM	
880-24618-22	SW-8 (1.0')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 46100

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24618-1	CS-1 (2.0')	Soluble	Solid	DI Leach	
880-24618-2	CS-2 (2.0')	Soluble	Solid	DI Leach	
880-24618-4	CS-4 (2.0')	Soluble	Solid	DI Leach	
880-24618-5	CS-5 (2.0')	Soluble	Solid	DI Leach	
880-24618-6	CS-6 (2.0')	Soluble	Solid	DI Leach	
880-24618-7	CS-7 (2.0')	Soluble	Solid	DI Leach	
880-24618-8	CS-8 (2.0')	Soluble	Solid	DI Leach	
880-24618-9	CS-9 (1.0')	Soluble	Solid	DI Leach	
880-24618-10	CS-10 (1.0')	Soluble	Solid	DI Leach	
880-24618-11	CS-11 (1.0')	Soluble	Solid	DI Leach	
880-24618-12	CS-12 (1.0')	Soluble	Solid	DI Leach	
880-24618-13	CS-13 (1.0')	Soluble	Solid	DI Leach	
880-24618-14	CS-14 (1.0')	Soluble	Solid	DI Leach	
880-24618-15	SW-1 (1.0')	Soluble	Solid	DI Leach	
880-24618-16	SW-2 (1.0')	Soluble	Solid	DI Leach	
880-24618-17	SW-3 (1.0')	Soluble	Solid	DI Leach	
880-24618-18	SW-4 (1.0')	Soluble	Solid	DI Leach	
880-24618-19	SW-5 (1.0')	Soluble	Solid	DI Leach	
880-24618-20	SW-6 (1.0')	Soluble	Solid	DI Leach	
880-24618-21	SW-7 (1.0')	Soluble	Solid	DI Leach	
MB 880-46100/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-46100/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-46100/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-24618-1 MS	CS-1 (2.0')	Soluble	Solid	DI Leach	
880-24618-1 MSD	CS-1 (2.0')	Soluble	Solid	DI Leach	
880-24618-12 MS	CS-12 (1.0')	Soluble	Solid	DI Leach	
880-24618-12 MSD	CS-12 (1.0')	Soluble	Solid	DI Leach	

Leach Batch: 46142

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24618-3	CS-3 (2.0')	Soluble	Solid	DI Leach	
880-24618-22	SW-8 (1.0')	Soluble	Solid	DI Leach	
MB 880-46142/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-46142/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-46142/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-4081-A-11-B MS	Matrix Spike	Soluble	Solid	DI Leach	
890-4081-A-11-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24618-1
SDG: Eddy County, New Mexico

HPLC/IC

Analysis Batch: 46159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24618-1	CS-1 (2.0')	Soluble	Solid	300.0	46100
880-24618-2	CS-2 (2.0')	Soluble	Solid	300.0	46100
880-24618-4	CS-4 (2.0')	Soluble	Solid	300.0	46100
880-24618-5	CS-5 (2.0')	Soluble	Solid	300.0	46100
880-24618-6	CS-6 (2.0')	Soluble	Solid	300.0	46100
880-24618-7	CS-7 (2.0')	Soluble	Solid	300.0	46100
880-24618-8	CS-8 (2.0')	Soluble	Solid	300.0	46100
880-24618-9	CS-9 (1.0')	Soluble	Solid	300.0	46100
880-24618-10	CS-10 (1.0')	Soluble	Solid	300.0	46100
880-24618-11	CS-11 (1.0')	Soluble	Solid	300.0	46100
880-24618-12	CS-12 (1.0')	Soluble	Solid	300.0	46100
880-24618-13	CS-13 (1.0')	Soluble	Solid	300.0	46100
880-24618-14	CS-14 (1.0')	Soluble	Solid	300.0	46100
880-24618-15	SW-1 (1.0')	Soluble	Solid	300.0	46100
880-24618-16	SW-2 (1.0')	Soluble	Solid	300.0	46100
880-24618-17	SW-3 (1.0')	Soluble	Solid	300.0	46100
880-24618-18	SW-4 (1.0')	Soluble	Solid	300.0	46100
880-24618-19	SW-5 (1.0')	Soluble	Solid	300.0	46100
880-24618-20	SW-6 (1.0')	Soluble	Solid	300.0	46100
880-24618-21	SW-7 (1.0')	Soluble	Solid	300.0	46100
MB 880-46100/1-A	Method Blank	Soluble	Solid	300.0	46100
LCS 880-46100/2-A	Lab Control Sample	Soluble	Solid	300.0	46100
LCSD 880-46100/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	46100
880-24618-1 MS	CS-1 (2.0')	Soluble	Solid	300.0	46100
880-24618-1 MSD	CS-1 (2.0')	Soluble	Solid	300.0	46100
880-24618-12 MS	CS-12 (1.0')	Soluble	Solid	300.0	46100
880-24618-12 MSD	CS-12 (1.0')	Soluble	Solid	300.0	46100

Analysis Batch: 46175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24618-3	CS-3 (2.0')	Soluble	Solid	300.0	46142
880-24618-22	SW-8 (1.0')	Soluble	Solid	300.0	46142
MB 880-46142/1-A	Method Blank	Soluble	Solid	300.0	46142
LCS 880-46142/2-A	Lab Control Sample	Soluble	Solid	300.0	46142
LCSD 880-46142/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	46142
890-4081-A-11-B MS	Matrix Spike	Soluble	Solid	300.0	46142
890-4081-A-11-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	46142

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24618-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-1 (2.0')

Lab Sample ID: 880-24618-1

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	46127	02/13/23 11:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	46087	02/13/23 22:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			46296	02/14/23 11:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			46285	02/14/23 09:57	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	46104	02/13/23 10:04	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46076	02/13/23 21:35	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	46100	02/13/23 09:39	KS	EET MID
Soluble	Analysis	300.0		1			46159	02/13/23 17:41	CH	EET MID

Client Sample ID: CS-2 (2.0')

Lab Sample ID: 880-24618-2

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	46127	02/13/23 11:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	46087	02/13/23 22:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			46296	02/14/23 11:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			46285	02/14/23 09:57	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	46104	02/13/23 10:04	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46076	02/13/23 22:41	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	46100	02/13/23 09:39	KS	EET MID
Soluble	Analysis	300.0		1			46159	02/13/23 17:55	CH	EET MID

Client Sample ID: CS-3 (2.0')

Lab Sample ID: 880-24618-3

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	46127	02/13/23 11:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	46087	02/13/23 23:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			46296	02/14/23 11:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			46285	02/14/23 09:57	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	46104	02/13/23 10:04	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46076	02/13/23 23:03	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	46142	02/13/23 12:35	KS	EET MID
Soluble	Analysis	300.0		1			46175	02/14/23 00:59	CH	EET MID

Client Sample ID: CS-4 (2.0')

Lab Sample ID: 880-24618-4

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	46127	02/13/23 11:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	46087	02/13/23 23:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			46296	02/14/23 11:01	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24618-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-4 (2.0')

Lab Sample ID: 880-24618-4

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			46285	02/14/23 09:57	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	46104	02/13/23 10:04	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46076	02/13/23 23:25	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	46100	02/13/23 09:39	KS	EET MID
Soluble	Analysis	300.0		1			46159	02/13/23 18:00	CH	EET MID

Client Sample ID: CS-5 (2.0')

Lab Sample ID: 880-24618-5

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	46127	02/13/23 11:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	46087	02/14/23 00:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			46296	02/14/23 11:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			46285	02/14/23 09:57	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	46104	02/13/23 10:04	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46076	02/13/23 23:47	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	46100	02/13/23 09:39	KS	EET MID
Soluble	Analysis	300.0		1			46159	02/13/23 18:05	CH	EET MID

Client Sample ID: CS-6 (2.0')

Lab Sample ID: 880-24618-6

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	46127	02/13/23 11:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	46087	02/14/23 00:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			46296	02/14/23 11:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			46285	02/14/23 09:57	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	46104	02/13/23 10:04	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46076	02/14/23 00:07	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	46100	02/13/23 09:39	KS	EET MID
Soluble	Analysis	300.0		1			46159	02/13/23 18:09	CH	EET MID

Client Sample ID: CS-7 (2.0')

Lab Sample ID: 880-24618-7

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	46127	02/13/23 11:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	46087	02/14/23 00:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			46296	02/14/23 11:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			46285	02/14/23 09:57	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	46104	02/13/23 10:04	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46076	02/14/23 00:29	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24618-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-7 (2.0')

Lab Sample ID: 880-24618-7

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	46100	02/13/23 09:39	KS	EET MID
Soluble	Analysis	300.0		1			46159	02/13/23 18:23	CH	EET MID

Client Sample ID: CS-8 (2.0')

Lab Sample ID: 880-24618-8

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	46127	02/13/23 11:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	46087	02/14/23 01:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			46296	02/14/23 11:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			46285	02/14/23 09:57	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	46104	02/13/23 10:04	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46076	02/14/23 00:50	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	46100	02/13/23 09:39	KS	EET MID
Soluble	Analysis	300.0		1			46159	02/13/23 18:28	CH	EET MID

Client Sample ID: CS-9 (1.0')

Lab Sample ID: 880-24618-9

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	46127	02/13/23 11:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	46087	02/14/23 01:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			46296	02/14/23 11:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			46285	02/14/23 09:57	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	46104	02/13/23 10:04	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46076	02/14/23 01:11	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	46100	02/13/23 09:39	KS	EET MID
Soluble	Analysis	300.0		1			46159	02/13/23 18:33	CH	EET MID

Client Sample ID: CS-10 (1.0')

Lab Sample ID: 880-24618-10

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	46127	02/13/23 11:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	46087	02/14/23 01:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			46296	02/14/23 11:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			46285	02/14/23 09:57	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	46104	02/13/23 10:04	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46076	02/14/23 01:32	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	46100	02/13/23 09:39	KS	EET MID
Soluble	Analysis	300.0		1			46159	02/13/23 18:37	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24618-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-11 (1.0')

Lab Sample ID: 880-24618-11

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	46127	02/13/23 11:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	46087	02/14/23 03:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			46296	02/14/23 11:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			46285	02/14/23 09:57	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	46104	02/13/23 10:04	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46076	02/14/23 02:15	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	46100	02/13/23 09:39	KS	EET MID
Soluble	Analysis	300.0		1			46159	02/13/23 18:42	CH	EET MID

Client Sample ID: CS-12 (1.0')

Lab Sample ID: 880-24618-12

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	46127	02/13/23 11:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	46087	02/14/23 03:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			46296	02/14/23 11:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			46285	02/14/23 09:57	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	46104	02/13/23 10:04	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46076	02/14/23 02:36	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	46100	02/13/23 09:39	KS	EET MID
Soluble	Analysis	300.0		1			46159	02/13/23 18:47	CH	EET MID

Client Sample ID: CS-13 (1.0')

Lab Sample ID: 880-24618-13

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	46127	02/13/23 11:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	46087	02/14/23 03:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			46296	02/14/23 11:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			46285	02/14/23 09:57	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	46104	02/13/23 10:04	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46076	02/14/23 02:57	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	46100	02/13/23 09:39	KS	EET MID
Soluble	Analysis	300.0		1			46159	02/13/23 19:01	CH	EET MID

Client Sample ID: CS-14 (1.0')

Lab Sample ID: 880-24618-14

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	46127	02/13/23 11:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	46087	02/14/23 04:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			46296	02/14/23 11:01	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24618-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-14 (1.0')

Lab Sample ID: 880-24618-14

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			46285	02/14/23 09:57	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	46104	02/13/23 10:04	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46076	02/14/23 03:19	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	46100	02/13/23 09:39	KS	EET MID
Soluble	Analysis	300.0		1			46159	02/13/23 19:05	CH	EET MID

Client Sample ID: SW-1 (1.0')

Lab Sample ID: 880-24618-15

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	46127	02/13/23 11:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	46087	02/14/23 04:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			46296	02/14/23 11:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			46285	02/14/23 09:57	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	46104	02/13/23 10:04	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46076	02/14/23 03:40	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	46100	02/13/23 09:39	KS	EET MID
Soluble	Analysis	300.0		1			46159	02/13/23 19:19	CH	EET MID

Client Sample ID: SW-2 (1.0')

Lab Sample ID: 880-24618-16

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	46127	02/13/23 11:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	46087	02/14/23 04:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			46296	02/14/23 11:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			46285	02/14/23 09:57	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	46104	02/13/23 10:04	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46076	02/14/23 04:01	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	46100	02/13/23 09:39	KS	EET MID
Soluble	Analysis	300.0		1			46159	02/13/23 19:24	CH	EET MID

Client Sample ID: SW-3 (1.0')

Lab Sample ID: 880-24618-17

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	46127	02/13/23 11:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	46087	02/14/23 05:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			46296	02/14/23 11:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			46285	02/14/23 09:57	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	46104	02/13/23 10:04	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46076	02/14/23 04:22	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24618-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-3 (1.0')

Lab Sample ID: 880-24618-17

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	46100	02/13/23 09:39	KS	EET MID
Soluble	Analysis	300.0		1			46159	02/13/23 19:28	CH	EET MID

Client Sample ID: SW-4 (1.0')

Lab Sample ID: 880-24618-18

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	46127	02/13/23 11:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	46087	02/14/23 05:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			46296	02/14/23 11:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			46285	02/14/23 09:57	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	46104	02/13/23 10:04	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46076	02/14/23 04:43	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	46100	02/13/23 09:39	KS	EET MID
Soluble	Analysis	300.0		1			46159	02/13/23 19:33	CH	EET MID

Client Sample ID: SW-5 (1.0')

Lab Sample ID: 880-24618-19

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	46127	02/13/23 11:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	46087	02/14/23 05:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			46296	02/14/23 11:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			46285	02/14/23 09:57	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	46104	02/13/23 10:04	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46076	02/14/23 05:04	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	46100	02/13/23 09:39	KS	EET MID
Soluble	Analysis	300.0		1			46159	02/13/23 19:38	CH	EET MID

Client Sample ID: SW-6 (1.0')

Lab Sample ID: 880-24618-20

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	46127	02/13/23 11:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	46087	02/14/23 06:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			46296	02/14/23 11:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			46285	02/14/23 09:57	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	46104	02/13/23 10:04	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46076	02/14/23 05:26	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	46100	02/13/23 09:39	KS	EET MID
Soluble	Analysis	300.0		1			46159	02/13/23 19:42	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24618-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-7 (1.0')

Lab Sample ID: 880-24618-21

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	46085	02/13/23 11:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	46089	02/14/23 00:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			46296	02/14/23 11:13	AJ	EET MID
Total/NA	Analysis	8015 NM		1			46285	02/15/23 08:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	46105	02/13/23 10:08	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46267	02/15/23 01:00	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	46100	02/13/23 09:39	KS	EET MID
Soluble	Analysis	300.0		1			46159	02/13/23 19:47	CH	EET MID

Client Sample ID: SW-8 (1.0')

Lab Sample ID: 880-24618-22

Date Collected: 02/08/23 00:00

Matrix: Solid

Date Received: 02/13/23 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	46085	02/13/23 11:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	46089	02/14/23 00:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			46296	02/14/23 11:13	AJ	EET MID
Total/NA	Analysis	8015 NM		1			46285	02/15/23 08:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	46105	02/13/23 10:08	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46267	02/15/23 01:22	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	46142	02/13/23 12:35	KS	EET MID
Soluble	Analysis	300.0		1			46175	02/14/23 01:04	CH	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24618-1
SDG: Eddy County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23

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

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

Method Summary

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24618-1
SDG: Eddy County, New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Myox 32-3 (11.19.22)

Job ID: 880-24618-1
SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-24618-1	CS-1 (2.0')	Solid	02/08/23 00:00	02/13/23 08:40
880-24618-2	CS-2 (2.0')	Solid	02/08/23 00:00	02/13/23 08:40
880-24618-3	CS-3 (2.0')	Solid	02/08/23 00:00	02/13/23 08:40
880-24618-4	CS-4 (2.0')	Solid	02/08/23 00:00	02/13/23 08:40
880-24618-5	CS-5 (2.0')	Solid	02/08/23 00:00	02/13/23 08:40
880-24618-6	CS-6 (2.0')	Solid	02/08/23 00:00	02/13/23 08:40
880-24618-7	CS-7 (2.0')	Solid	02/08/23 00:00	02/13/23 08:40
880-24618-8	CS-8 (2.0')	Solid	02/08/23 00:00	02/13/23 08:40
880-24618-9	CS-9 (1.0')	Solid	02/08/23 00:00	02/13/23 08:40
880-24618-10	CS-10 (1.0')	Solid	02/08/23 00:00	02/13/23 08:40
880-24618-11	CS-11 (1.0')	Solid	02/08/23 00:00	02/13/23 08:40
880-24618-12	CS-12 (1.0')	Solid	02/08/23 00:00	02/13/23 08:40
880-24618-13	CS-13 (1.0')	Solid	02/08/23 00:00	02/13/23 08:40
880-24618-14	CS-14 (1.0')	Solid	02/08/23 00:00	02/13/23 08:40
880-24618-15	SW-1 (1.0')	Solid	02/08/23 00:00	02/13/23 08:40
880-24618-16	SW-2 (1.0')	Solid	02/08/23 00:00	02/13/23 08:40
880-24618-17	SW-3 (1.0')	Solid	02/08/23 00:00	02/13/23 08:40
880-24618-18	SW-4 (1.0')	Solid	02/08/23 00:00	02/13/23 08:40
880-24618-19	SW-5 (1.0')	Solid	02/08/23 00:00	02/13/23 08:40
880-24618-20	SW-6 (1.0')	Solid	02/08/23 00:00	02/13/23 08:40
880-24618-21	SW-7 (1.0')	Solid	02/08/23 00:00	02/13/23 08:40
880-24618-22	SW-8 (1.0')	Solid	02/08/23 00:00	02/13/23 08:40

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Chain of Custody

Work Order No: 24618

Page 1 of 3

Project Manager	Conner Moehring	Bill to: (if different)	Jacqueline 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:	Midland, NM 88258
Phone	432-813-6823	Email	jacqui.harris@comconophillips.com

Program: ☒ UST/ST ☐ PRP ☐ Brownfields ☐ RC ☐ perfund	
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST ☐ PRP ☐ Level IV ☐	Deliverables EDD ☐ ADAPT ☐ Other

Project Name		Myox 32-3 (11 19,22)		Turn Around		ANALYSIS REQUEST												Preservative Codes	
Project Number	1200	☐ Routine	☒ Rush	Due Date	24 Hrs	Pres. Code										None NO	DI Water H ₂ O		
Project Location	Eddy County, New Mexico															Cool Cool	MeOH Me		
Sampler's Name	MM															HCL HC	HNO ₃ HN		
PO #:																H ₂ SO ₄ H ₂	NaOH Na		
SAMPLE RECEIPT		Tagged Blank	☒ Yes ☐ No	Yes ☒ No ☐ No	Well Ice	☒ Yes ☐ No											H ₃ PO ₄ HP		
Received Intact	☒ Yes ☐ No	Thermometer ID															NaHSO ₄ NABIS		
Cooler Custody Seals	☒ Yes ☐ No	Correction Factor															Na ₂ S ₂ O ₃ NaSO ₃		
Sample Custody Seals	☒ Yes ☐ No	Temperature Reading															Zn Acetate+NaOH Zn		
Total Containers		Corrected Temperature															NaOH+Ascorbic Acid SAPC		
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters										Sample Comments	
CS-1 (2 0')		2/8/2023		X		C	1	BTEX 8021B											
CS-2 (2 0')		2/8/2023		X		C	1	TPH 8015M (GRO + DRO + MRO)											
CS-3 (2 0')		2/8/2023		X		C	1	Chloride 300.0											
CS-4 (2 0')		2/8/2023		X		C	1												
CS-5 (2 0')		2/8/2023		X		C	1												
CS-6 (2 0')		2/8/2023		X		C	1												
CS-7 (2 0')		2/8/2023		X		C	1												
CS-8 (2 0')		2/8/2023		X		C	1												
CS-9 (1 0')		2/8/2023		X		C	1												
CS-10 (1 0')		2/8/2023		X		C	1												



880-24618 Chain of Custody

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



Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
<i>Conner Moehring</i>	2/13 8:40	<i>[Signature]</i>	

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Work Order No: 24618

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

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

Project Name	Myox 32-3 (11 19 22)	Turn Around	☐ Routine ☒ Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number	1200																None NO	DI Water H ₂ O	
Project Location	Eddy County, New Mexico	Due Date	24 Hrs														Cool Cool	MeOH Me	
Sampler's Name	MM																HCL, HC	HNO ₃ HN	
PO #:																	H ₂ SO ₄ H ₂	NaOH Na	
SAMPLE RECEIPT	Temp Blank	Yes	No	Well Ice	Yes	No											H ₃ PO ₄ HP		
Received Intact	Yes	No		Thermometer ID													NaHSO ₄ NABIS		
Cooler Custody Seals	Yes	No	N/A	Correction Factor													Na ₂ S ₂ O ₃ NaSO ₃		
Sample Custody Seals	Yes	No	N/A	Temperature Reading													Zn Acetate+NaOH Zn		
Total Containers				Corrected Temperature													NaOH+Ascorbic Acid S APC		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments
CS-11 (1 0')	2/8/2023		X		C	1	X	X	X										
CS-12 (1 0')	2/8/2023		X		C	1	X	X	X										
CS-13 (1 0')	2/8/2023		X		C	1	X	X	X										
CS-14 (1 0')	2/8/2023		X		C	1	X	X	X										
SW-1 (2 0')	2/8/2023		X		C	1	X	X	X										
SW-2 (2 0')	2/8/2023		X		C	1	X	X	X										
SW-3 (2 0')	2/8/2023		X		C	1	X	X	X										
SW-4 (2 0')	2/8/2023		X		C	1	X	X	X										
SW-5 (1 0')	2/8/2023		X		C	1	X	X	X										
SW-6 (1 0')	2/8/2023		X		C	1	X	X	X										

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

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	2/13 8:46		

Page 3 of 3

[illegible]

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

Relinquished by (Signature)

Date/Time

Received by (Signature)

Date/Time

Loc: 880

24618

2/15/2023

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-24618-1

SDG Number: Eddy County, New Mexico

Login Number: 24618

List Number: 1

List Source: Eurofins Midland

Creator: Rodriguez, Leticia

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



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

February 20, 2023

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: MYOX 32-3

Enclosed are the results of analyses for samples received by the laboratory on 02/17/23 9:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 02/17/2023
 Reported: 02/20/2023
 Project Name: MYOX 32-3
 Project Number: 1200 (11.19.22)
 Project Location: COG - EDDY CO NM

Sampling Date: 02/16/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 8 (2.25') (H230754-01)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/17/2023	ND	2.08	104	2.00	0.403	
Toluene*	<0.050	0.050	02/17/2023	ND	2.17	108	2.00	1.23	
Ethylbenzene*	<0.050	0.050	02/17/2023	ND	2.13	107	2.00	1.18	
Total Xylenes*	<0.150	0.150	02/17/2023	ND	6.58	110	6.00	1.14	
Total BTEx	<0.300	0.300	02/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	02/20/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/17/2023	ND	196	98.0	200	0.446	
DRO >C10-C28*	<10.0	10.0	02/17/2023	ND	182	91.0	200	1.69	
EXT DRO >C28-C36	<10.0	10.0	02/17/2023	ND					

Surrogate: 1-Chlorooctane 84.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in cursive script, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Work Order No: 11230754

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 193668

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 193668
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2306128457 MYOX 32 STATE 003H, thank you. This closure is approved.	7/10/2023